

Interim Clean Energy and Climate Plan for 2030 Public Comment--Online Formstack Comments Submitted by 3/22/2021

Name (First)	Name (Last)	Affiliation (town or organization)
Joshua	Flanagan-Lanier	
Paul	Grund	Tewksbury, MA
Rex	Zheedog	
John	Moore	
Meghan	Truchan	
NK	A	
Don	Ogden	The Enviro Show
Lisa	Bertola	Town of Scituate
Ken	Pruitt	Town of Arlington
Lizandro	Garcia	Roxbury
Richard	Wengenroth	
Sara	Ross	Amherst
Paulina	Muratore	
Paul	Jahnige	Citizen, Env. Professional, Williamsburg, MA
Jason	Kahn	The Rewilding Institute
Robert	Connor	
karlene	Schwartz	Boylston
Lucia	Dolan	Newton
Katharine	Pillsbury	Newton
Jane	Matlaw	retired
Mike	Stanley	Transit X
Anna	Yie	Dover
Martha	Simon	
John	MacDougall	350Mass.
John	MacDougall	350Mass.
Carol	Lewis	
Carol	Lewis	
Rema	Loeb	No
Leslie	Anderson	Propane Gas Association of New England
Gordon	Starr	Barnstable Town Councilor
Arne	Abramson	
Susan	Salem	Gloucester
Mal	Skowron	Green Energy Consumers Alliance
Lisa	Smith	
Diana	Smith	
Andrew	Gluck	
Andrew	Falender	
Anne	Wright	Arlington resident; Mothers Out Front
Helene	Sroat	Newton
James	Aloisi	
John	Pelletier	
Lesley	Garland	National Propane Gas Association
James	Aloisi	
Cecelia	Bolon	Cambridge
Juniper	Katz	
Christopher	Jylkka	Weston
Gene	Fry	Citizens Climate Lobby
Dylan	Macy	Beverly
Jennifer	Smith	
Margaret	Nartowicz	Town of Berlin
Becky	Ikehara	North Brookfield
Manijeh	Berenji	
David	Greenberg	

Name (First)	Name (Last)	Affiliation (town or organization)
Andrew	Ahern	Worcester
Linda	Butler	Northampton MA
Cooper	Wood	FC-CPR
Alex	Epstein	Somerville
Tina	Hein	
Joseph	Prondak	Inspectional Services
Alden	Booth	Town of Gill, member of the Energy Commission
Miriam	Kurland	Goshen, MA
Michael	Opton	Neehdam
Mark	Scribner	Energy New England (ENE)
Laura	Gardner	Climate Reality Massachusetts Southcoast
Sue	Stafford	Mothers Out Front
John	Howard	South Hadley
Judith	Glixon`	Lexington
Jan	Kubiac	Hyannis
Jan	Kubiac	Hyannis
phyllsi	theermann	wellesley
Lisa	Smith	Cape Ann Climate Coalition
Kate	Roy	Massachusetts Municipal Wholesale Electric Company
Lindsay	Crouch	
Laura	Turenne	Spark Energy Conservation
Rebecca	Tepper	Massachusetts Attorney General's Office
Mercedes	Ridao	Old South Church, member of GBIO, Boston
Nathan	Kaufman	
Carol	Leary	LIVING PLACE: JP (Jamaica Plain)
Daniel	Scholten	
Donal	Richardson	Resident of Concord MA
Nick	Afshartous	Lexington
Zhu	Liu	
Helena	Caswell	MIT
Elizabeth	Murphy	Dartmouth, MA
Kerry	Koskinen	Westminster
Ian	Todreas	Belmont Town Meeting Member
Ian	Todreas	Belmont Town Meeting Member
Scott	Graves	The Worshop(Leicester, MA Business Incubator) & SMGraves Associates (Consultancy)
Scott	Graves	The Worshop (Leicester) and SMGraves Associates (Gardner)
Douglas	Albertson	Town of Belchertown Planning Department
Olivia	Humphrey	Boston
Andy	Gluck	Newton
Ann	Shildneck	
Dunbar	Carpenter	Boston
Shira	Wohlberg	
Dutch	Dwight	
Richard and Beverly	Prager	Residents of Charlton, MA. Supporters of several climate-related organizations.
ALAN	FIELD	
James	Purdy	Green Newton
Michelle	Ciccolo	State Representative, Co-Chair of the Zero Waste Caucus
Steven	Tolman	
Mark	Duffy	Somerville, MA
Janet	Sinclair	Buckland
Janet	Sinclair	Buckland
Janet	Sinclair	Buckland
Janet	Sinclair	Buckland

Janet	Sinclair	Buckland
Janet	Sinclair	Buckland
Brent	Ranalli	Boxborough
Alan	Papscun	
Gloria	Kegeles	
Gloria	Kegeles	
Megan	Sullivan	
Richard	Stafursky	Species Forest Inc. land trust of Massachusetts
Richard	Stafursky	Species Forest Inc. land trust of Massachusetts
Patrick	Conlin	
Jodi	Rodar	
Jodi	Rodar	
Richard	Stafursky	Species Forest Inc. land trust of Massachusetts
Matthew	Root	Integrated Eco Strategy
Rich	Rosenberry	350 Mass
Peter	Skeffington	Boston Resident
Jane	Sloan	Brighton
Alan	Papscun	
Roger	Luckmann	Elders Climate Action
Kiersten	Washle	Hyde Park resident
Ralph	Baker	Fitchburg, MA
Susan	Purser	Concerned private citizen
Robert	Rio	AIM
Jess	Charlap	Perkins Eastman, Town of Watertown
Deborah	Reiter	Amherst
Jean	Barrows	Wendell Forest
John	Fulreader	
Al	Blake	350ma-Berkshires
Dee	Boyle-Clapp	
Gail	Sullivan	Studio G Architects
Justin	Rathke	Vergent Power Solutions, Inc.
Susan	Hartnett	
Lee	Anderson	Utility Workers Union of America
Katherine	Fite	University of Massachusetts and Amherst League of Women Voters
Lee	Anderson	Utility Workers Union of America
Sussn	Hirschfield	Leominster
Chris	Matera	Massachusetts Forest Watch
Richard	Buhle	
Andrea	Love	Payette Associates
Mark	Kalpin	Holland & Knight LLP, on behalf of the Longwood Medical Energy Collaborative, Inc.
Marvin J	Ward	Easthampton, MasBike, PVPC JTC
Lee	Vardakas	Dalkia Aegis/EDF Group
Lee	Vardakas	Dalkia Aegis/ EDF Group
Joseph	Dumas	Resident of Webster
Richard	Keleher	Boston Society of Architects
Christopher	Cook	City of Boston
Bonnie	Miskolczy	Carlisle, MA
Natalie (Natasha)	Grigg	Boxford member of: Cons Com, BTA/BOLT, CPC, Land Acquisition Committee
Joshua R.	Burson	Belmont
Michael	Killoran	
Tedric	Eiseman	Williamsburg
Peter	Kirby	Climate XChange Education & Research Inc.
Peter	Katz	
Kate	Conlin	
David	Glassberg	Amherst

Jeffrey	Steinfeld	Boston -- and -- MIT Alumni for Climate Action
Christine	Erb	
Denis	Mahoney	Holden
Christine	Erb	
Christine	Erb	
Robert	Zogg	HeatSmart Alliance
Mary	Metzger	
David	Butz	
Geoffrey	Hyatt	Boston
Claire	Schaeffer-Duffy	Worcester MA
Alex	Hershey	
Alex	Hershey	
Alex	Hershey	
Marcia	Hart	350 North Shore node, ECA
Grace	Hall	UU Mass Action,
Kit Sang	Boos	Climate Action Now Northampton MA.
Eric	Calhoun	
David	Shoemaker	Acton; MIT
Michael	Kellett	RESTORE: The North Woods
Mark	Davis	Belmont
Enzo	Viarengo	
Maria	Bartlett	Andover Green Advisory Board
Maria	Bartlett	Andover Green Advisory Board
Judith	Glixon	Lexington
Maria	Bartlett	Andover Green Advisory Board
Maria	Bartlett	Andover Green Advisory Board
Lisa	Chernin	
Thomas	ORourke	Rutland, MA, citizen
Phil	Thayer	SustainableBelmont.net (623 members)
Audrey	Bennett	
Carolyn	McCreary	
Linda	Orel	The Trustees of Reservations
Downing	Cless	Arlington
F William	Green	350MA
Anne	O'Connor	Williamstown
gina	sonder	Arlington, MA
Sarah	White	350mass
Stuart	Saulters	American Public Gas Association (APGA)
Susan	Redlich	Cambridge
Judith	Eddy	350Mass Berkshires
Thomas	Jacobson	Boston resident
Valerie	Grabiel	Boston
Archana	Dayalu	
Kristine	Trierweiler	Town of Medfield
Craig	Sherman	Arlington, MA
Henry	Rose	
Jim	Brown	Cambridge
Ariela	Lovett	Massachusetts Municipal Association
Rebeca	Plank	
Craig	Sherman	Arlington
Pamela	Kristan	Boston
Susan	Murphy	City of Melrose
Bradford	Hager	Massachusetts Institute of Technology
Keihly	Moore	
ML	Grimaldi-Marvel	Jamaica Plain , MA 02130

Marianne	Jorgensen	
David	Ahrens	
Philip	Vergragt	350 Massachusetts for a better Future
Robert	O'Koniewski	Massachusetts State Automobile Dealers Association
Sam	Lehr	Coalition for Renewable Natural Gas
Alexandra	Osterman	Climate Action Now (CAN)
Michael	Duclos	Energy Efficiency Associates, LLC
Michael	Duclos	Energy Efficiency Associates, LLC
R	Stout	Jamaica Plain
Michael	Duclos	Energy Efficiency Associates, LLC
Michael	Duclos	Energy Efficiency Associates, LLC
Thomas	Matuszko	Berkshire Regional Planning Commission
Michael	Duclos	Energy Efficiency Associates, LLC
Michael	Duclos	Energy Efficiency Associates, LLC
Michael	Duclos	Energy Efficiency Associates, LLC
Michael	Duclos	Energy Efficiency Associates, LLC
Betsy	Browning	
Jake	Kailey	Watertown
Huck	Montgomery	Liberty Utilities
Harvey	Michaels	MIT Faculty and PI Cities and Climate Change Program
Eben	Bein	Our Climate Massachusetts
Martyn	Roetter	Boston
Gordon	Starr	Town Councilor, Barnstable
Bill	DiCroce	Vicinity Energy
Kimberly	French	Middleborough
Sarah	Dooling	MCAN + grassroots organizations
Sarah	Heller	
Kate	Dineen	A Better City
Ross	Hubacz	Society of American Foresters- Massachusetts Chapter
Michelle	Ciccolo	15th Middlesex District
Kate	Dineen	A Better City
Kathleen	O'Connor	Westhampton
Bill	DiCroce	Vicinity Energy
Kathleen	O'Connor	Westhampton
Laurel	Facey	Wendell AgCom and State Forest Alliance
Kate	Dineen	A Better City
Matthew	Stern	Counsel for National Grid
Caitlin	Peale Sloan	Conservation Law Foundation
Scott	Gustafson	Laborers' Union New England Region; Massachusetts Laborers' District Council
Janice	Rogovin	Boston
Janice	rogovin	boston
James	Rooney	Greater Boston Chamber of Commerce
Jack	Sins	Unison Energy
Carole	Horowitz	Florence, MA
Michael	Alterman	Chesterfield
Nikolas	Westfield	Tufts University
Helen	Horigan	Roslindale IS for Everyone (RISE), Roslindale Clean and Green
Brian	Campbell	American Nuclear Society North East Chapter Director
Aimee	Powelka	MassEnergize
Staci	Rubin	Boston
Jacob	Stern	MA Sierra Club on behalf of 60+ municipal officials
Francis	Cummings	Acton Climate Coalition (Acton MA)
Carey	Toran	Boston (West Roxbury)
James	Vander Poel	
Betsy	Sowers	Old Cambridge Baptist Church

Marcia	Hart	Gloucester
Elisabeth	Treseder	Equinor
Peter	Wilson	Transportation for Massachusetts
Shelby	Parks	Natural Resources Defense Council
Len	Greene	FirstLight Power
Shelby	Parks	Natural Resources Defense Council
Fran	Cummings	
Staci	Rubin	Boston
DeB	Pasternak	Sierra Club Massachusetts Chapter
Brian	Campbell	
Steve	Long	The Nature Conservancy
Sheila	McKnight	West Roxbury (Boston) 02132
Renu	Bostwick	Mothers Out Front Massachusetts
Marie	Canaves	
Christopher	Ferry	Roslindale neighborhood of Boston
Sarah	Simon	Environmental Entrepreneurs (E2)
Ana	Colbert	Boston resident
Sarah	Hancock	Boston Resident
Deb	Pasternak	Sierra Club Massachusetts Chapter
Felicia	Mednick	Mothers Out Front
Lisa	Hiserodt	West Roxbury
Helen	Walter-Terrinoni	Air-Conditioning, Heating, and Refrigeration Institute (AHRI)
Matthew	Stern	Counsel for Eversource Energy
Tom	Van Heeke	General Motors
Amy	Leblang	Wayland
Seth	Federspiel	City of Cambridge
Emmett	Lyne	Rich May, P.C. on behalf of the Massachusetts Energy Efficiency Program Administrators
Tom	Yardley	MASCO
John	Moynihan	Northeast Clean Heat and Power Initiative
Amber	Hewett	National Wildlife Federation & MA Committee of New England for Offshore Wind
Amy	Leblang	Wayland
Nancy	Polan	Northampton Area League of Women Voters
Kelsey	Fiori	Nexamp, Inc.
Eugenia	Gibbons	Health Care Without Harm
roger	loyer	barnstable ma
Heidi	Ricci	Mass Audubon
Kimberly	Seigel	
Jamie	Banks	Quiet Communities, Inc.
Andy	Winslow	Northeast Energy Efficiency Partnerships
Jeff	Krasner	
Holly	Sweet	Lexington MA
Hariet	Rosen	West Roxbury
Daryl	Warner	Sustainable Milton
Daryl	Warner	Sustainable Milton
Eugenia	Gibbons	Health Care Without Harm
Daryl	Warner	Sustainable Miltn
Tricia	Glass	Sustainable Wellesley
Mary	DePalma	
Lucille	Weinstein	
Kathryn	Breslin	
Connor	Dolan	Fuel Cell and Hydrogen Energy Association
Leo	Newhouse	
MaryBeth	Noonan	West Roxbury
Marcia	Cooper	Green Newton

Form Name:	CECP Public Feedback
Submission Time:	January 7, 2021 3:05 pm
Browser:	Chrome 87.0.4280.109 / Chrome OS
IP Address:	209.94.142.213
Unique ID:	736974042
Location:	37.750999450684, -97.821998596191

Name	Joshua Flanagan-Lanier
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Please select the sectors and strategies on which you would like to comment.

Electricity Sector Strategies	E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Electricity Sector Strategies

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>Massachusetts and New England in general are excellent locations for offshore wind, as this document attests. It's clear that it's necessary to any realistic plan to decarbonize the energy grid.</p> <p>But I've lived in MA for almost a decade now and that whole time I've heard how we're almost there to implementing offshore wind at scale. As far as I can tell, no real progress has been made. Contracts are signed, news releases sent out, but no meaningful deployment. You cite Vineyard Wind, but just last month their permit application was withdrawn and has likely delayed the project another year or more.</p> <p>If any of these goals are to be met, the procedural hurdles and rampant New England NIMBYism must be dealt with and not just ignored or groaned at in passing.</p>
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Form Name:	CECP Public Feedback
Submission Time:	January 7, 2021 4:58 pm
Browser:	Mobile Safari / iOS
IP Address:	47.201.58.37
Unique ID:	737026288
Location:	27.179899215698, -82.38939666748

Name	Paul Grund
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Affiliation (town or organization)	Tewksbury, MA
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

This letter provides feedback on the Interim Clean Energy and Climate Plan for 2030.

It contains suggested additions to the "Interim Massachusetts Clean Energy and Climate Plan for 2030" in four categories : building code additions, electricity reliability additions, equity additions, and carbon sequestration additions.

A. Building Codes

Below is a list of new building codes we suggest be enacted to help reach Mass. decarbonization goals.

Prohibit the use of fossil fuels for heating in new construction.

For each garage in new residential construction, require one 220-240 V outlet for each car the garage can hold. (For EV charging).

Require each new gas station to include an EV charging station for customer use.

For each newly constructed residence with at least 1/4 acre of land, require the builder to plant at least two deciduous trees.

B. Electricity Reliability

Mass. should take these electricity reliability measures to support reaching its decarbonization goals:

to offset intermittency of wind and solar power, add more pumped hydro and kinetic energy storage;

to reduce wild fire risk, enclose and bury new long haul power lines;

to offset intermittency, and reduce solar power land use, incorporate Small Modular Reactors.

C. Equity

These are suggested Mass. Equity Measures to mitigate income loss to gas station owners, fuel oil distributors and their employees from decarbonization:

1. Free or subsidized replacement of gas station pumps with electric vehicle charging stations.

2. Free training to Gas station personnel and secondary school students in electric car repair and servicing.

3. Free training to HVAC and fuel oil company personnel, and secondary school students in heat pump installation and maintenance

D. Carbon Sequestration

Cutting Fossil fuel burning fights the climate emergency, but lots of CO₂ must also be taken from the air to keep global temp rise below 2C.

Spreading rock dust on farmland can suck billions of tonnes of carbon dioxide from the air every year. Chemical weathering of the rock particles locks greenhouse gas into carbonates within months, so it's a near-term way to remove CO₂ from the air. Farmers already add limestone dust to soils to reduce acidification, and adding other rock dust improves fertility and crop yields. Basalt is the best rock for capturing CO₂, and Mass. has mountains of it. Mass. quarries, such as one near UMass. Amherst already produce basalt dust as a byproduct, so stockpiles already exist. We suggest the Climate Center at UMass would be a convenient group to plan this activity.

Form Name:	CECP Public Feedback
Submission Time:	January 8, 2021 9:24 am
Browser:	Firefox 84.0 / Windows
IP Address:	98.118.62.140
Unique ID:	737300665
Location:	42.039600372314, -71.530502319336

Name	Rex Zheedog
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Forcing electric cars onto people by banning the sale of non-electric cars is a fool's errand. Working people and poor people will suffer the most. Charging stations are slow, people without garages cannot safely re-charge and the total amperage required for even 1/5 working people who reside in even a typical apartment building to charge up after any given work day, will far exceed the electric capacity of that building. If electric cars are as good as you say, the free market will prove it over time. Stop trying to choose winners and losers in vehicle technology; let consumer choice. My car, my choice.</p>
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Form Name:	CECP Public Feedback
Submission Time:	January 8, 2021 2:56 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	71.232.19.230
Unique ID:	737477819
Location:	42.359600067139, -71.128700256348

Name	John Moore
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Please select the sectors and strategies on which you would like to comment.

Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Water heating is mentioned as an issue in the introduction but not in specific strategies. Do references to air source heat pumps apply to heat pump water heaters as well? What about solar hot water systems? With MassCEC rebates now ending, how can solar hot water systems be encouraged?
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Form Name:	CECP Public Feedback
Submission Time:	January 9, 2021 5:43 pm
Browser:	Chrome 87.0.4280.88 / Windows
IP Address:	163.116.134.116
Unique ID:	737846811
Location:	48.858200073242, 2.338700056076

Name	Meghan Truchan
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Hello - I lead Procurement at Bain Capital and also lead an unaffiliated Greater Boston group called The Procurement Lab. We get together every other month to discuss timely topics. On Jan 19th we'll be discussing how we as procurement people can help the 2030 CECP. I was wondering if someone from the CECP might be able to join us and spend the first 10 minutes talking about the plan. We should have people on the phone that represent 30+ local companies.</p> <p>Thank you!</p> <p>Meghan Truchan</p>
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Form Name:	CECP Public Feedback
Submission Time:	January 9, 2021 7:40 pm
Browser:	Chrome 87.0.4280.88 / Windows
IP Address:	73.238.104.5
Unique ID:	737869634
Location:	42.322700500488, -71.084701538086

Name	NK A
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Will you actually make serious changes & make sure the commercial sector does its part. All these bldgs are energy suckers. Stop pushing back the time line for things that actually need to be done sustainably. We are in a climate emergency & you need to recognize that & make serious changes happen now, Stop the fluff bs crap.
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Form Name:	CECP Public Feedback
Submission Time:	January 12, 2021 4:28 pm
Browser:	Firefox 84.0 / OS X
IP Address:	162.245.140.203
Unique ID:	739134806
Location:	42.474498748779, -72.487396240234

Name	Don Ogden
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Affiliation (town or organization)	The Enviro Show
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies	L1: Protect Natural and Working Lands
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Land Sector Strategies

L1: Protect Natural and Working Lands

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Other*
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Benefits Other	Our public forests should NOT be classified as "working lands". While undisturbed intact forests ARE working to capture CO2 emissions and store carbon, logging of those forests is self-defeating work.
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Dirty forest derived biomass is NOT carbon neutral nor is it "clean and renewable" in a Climate Crisis timeline and it should NOT be classified as such.
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Form Name:	CECP Public Feedback
Submission Time:	January 13, 2021 1:19 pm
Browser:	Chrome 87.0.4280.141 / Windows
IP Address:	66.31.171.56
Unique ID:	739585355
Location:	42.232799530029, -70.817596435547

Name	Lisa Bertola
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Affiliation (town or organization)	Town of Scituate
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>As the Community Aggregation for Town of Scituate MA Chair, please help our community honor the voters' desire to create cleaner energy defaults within our default electricity offerings per MGL 164 S 134. Our application has been sitting with DPU since February 2020. Why the delay? Please support local efforts to meet CECP goals of reduced carbon emissions. The Governor, Attorney General, State Reps and others should be ensuring the process is not delayed any further for these communities. Scituate is the landing strip for Nor'easters. Our uncovered FEMA damages from storms and rising sea levels is in the millions. Businesses are evacuating the harbor due to flooding. We need to expedite our CCA program ASAP. Please sign the Senate Bill 2995, and ask DPU to move our program along. Thank you for your action on this important matter.</p>
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Form Name:	CECP Public Feedback
Submission Time:	January 16, 2021 5:47 pm
Browser:	Chrome 87.0.4280.141 / Windows
IP Address:	108.7.220.225
Unique ID:	741229600
Location:	42.489700317383, -71.15950012207

Name	Ken Pruitt
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Affiliation (town or organization)	Town of Arlington
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E3: Align Attribute Markets with GWSA Compliance E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
Benefits Other	Will build crucial momentum and help EVs become mainstream. Right now, they are just a bit too expensive for all but the true believers.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Form Name:	CECP Public Feedback
Submission Time:	January 21, 2021 12:11 pm
Browser:	Chrome Mobile 87.0.4280.141 / Android
IP Address:	108.26.135.111
Unique ID:	743487871
Location:	42.284801483154, -71.074096679688

Name	Lizandro Garcia
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Affiliation (town or organization)	Roxbury
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	VMT need to decrease, not stabilize. Increasing transit use and aggressively incentivizing mixed-use development near transit needs to be part of the state's plan to reduce emissions. If we only replace all cars and trucks with electric ones, you still have huge traffic congestion problems.
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Form Name:	CECP Public Feedback
Submission Time:	January 22, 2021 12:10 pm
Browser:	Chrome 87.0.4280.141 / Windows
IP Address:	76.119.195.114
Unique ID:	744001974
Location:	43.175598144531, -71.410400390625

Name	Richard Wengenroth
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	January 24, 2021 2:54 pm
Browser:	Chrome 88.0.4324.96 / OS X
IP Address:	73.68.117.28
Unique ID:	744710038
Location:	42.389598846436, -72.453399658203

Name	Sara Ross
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Affiliation (town or organization)	Amherst
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

I would urge the State to leverage the current COVID-inspired attention on HVAC and ventilation in K-12 public schools to ensure that schools do not lock-in with like-for-like replacements of fossil-fuel based heating systems. As COVID relief funds or specific funds being contemplated for school infrastructure (e.g. the Reopen and Rebuild America's Schools Act which will be re-introduced to Congress on Jan 28) flow to Massachusetts it is critical that these funds are focused on frontline communities and that the DOER and the MSBA provide technical guidance and support to ensure that all HVAC upgrades are consistent with the goals of electrification.

More broadly, the state should consider making K-12 schools a centerpiece of its building sector strategy. Schools are highly visible and cherished buildings in all communities. Deploying our building sector strategies in schools offer the state the opportunities to showcase the viability of these strategies to a wide array of community stakeholders including students through integrated student learning experiences. Decarbonization of schools will lead to concrete and well-documented health and performance benefits for students and teachers esp in frontline communities that bear the worst of climate impacts. Moreover, improvements in energy efficiency can deliver energy savings which can help support strained local budgets.

Form Name:	CECP Public Feedback
Submission Time:	January 27, 2021 5:45 pm
Browser:	Chrome 87.0.4280.141 / Windows
IP Address:	73.38.246.52
Unique ID:	746622272
Location:	42.489700317383, -71.15950012207

Name	Paulina Muratore
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Please select the sectors and strategies Transportation Sector Strategies
on which you would like to comment.

Transportation Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	January 28, 2021 8:33 am
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	73.149.68.99
Unique ID:	746865245
Location:	42.330600738525, -72.630599975586

Name	Paul Jahnige
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Affiliation (town or organization)	Citizen, Env. Professional, Williamsburg, MA
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies	L1: Protect Natural and Working Lands
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Secretary Theoharides,

Greetings from the Hilltowns (owell maybe Williamsburg is just half a Hilltown).

Thank you for your thoughtful leadership of EEA.

I was able to review the Massachusetts 2030 Climate Action Plan. I was pleased with the goals and strategies to achieve carbon reductions by 2030, especially those geared toward transportation and building energy use. As you will see from my blog link below, I strive personally to do my part to save our planet for our children. I know how hard this road will be.

Unfortunately, the plan completely ignored the second single most important contributor to climate change. How could that be?

There was not a single mention of the role of animal-based agriculture on the health of our planet. We can achieve all the goals you lay out in the 2030 Plan, and still not truly address climate change without tackling that.

Sure, our diets are personal choices; the 2030 plan focuses on state level actions; the farm lobby is strong; blah, blah, blah, and yet, even in Massachusetts, a state where plant-based agriculture is prevalent, we have policies and programs that support animal-based agriculture, to the detriment of our planet.

We could be evaluating policies.

We could be launching education campaigns.

At a minimum, we could note the outsized contribution of animal-based agriculture on GHG emissions.

We CANNOT ignore it.

If you want a depressing, but illuminating netflix offering, I just watched "cowspiracy." I made me wonder where MA EEA leadership was on this issue.

It's time to up our game, for the sake of our kids.

Thank you again for all you do.

Best, Paul
Williamsburg, MA

Form Name:	CECP Public Feedback
Submission Time:	January 28, 2021 10:08 am
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	24.34.20.232
Unique ID:	746916470
Location:	42.389598846436, -72.453399658203

Name	Jason Kahn
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Affiliation (town or organization)	The Rewilding Institute
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Other*
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Benefits Other	Ecosystem services provided by a healthy ecosystem far outweigh economic benefits of public land logging.
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	This would limit logging to private lands in the commonwealth.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	CO2 sequestration in healthy, mature forests are the best way to produce O2, lock up CO2, protect our waterways and provide habitat for wildlife.
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Form Name:	CECP Public Feedback
Submission Time:	January 30, 2021 1:16 pm
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	173.48.230.56
Unique ID:	747930987
Location:	42.533500671387, -71.10359954834

Name	Robert Connor
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.

While I applaud any legislative progress on the climate, you are assuming we have 30 years in which to act. We do not. Governor Baker is worried about this bill's cost \$6 billion, but the National Resources Defense Council expects Americans will spend almost 100 times that in annual climate-related costs by 2050.

The global track record on climate action has consistently been too-little, too-late, and the Massachusetts 2050 Decarbonization Roadmap is another case of accepting unconscionable consequences in 5, 10, and 20 years in favor of comfort, cost, and convenience today.

There's an old saying about kicking the can down the road, which means to postpone making an important decision and leave it for another day. Well, we've kicked this can for forty plus years, and many in power are still dragging their feet. It is time to pass legislation that will dramatically change the landscape.

Form Name:	CECP Public Feedback
Submission Time:	February 1, 2021 12:31 pm
Browser:	Firefox 85.0 / Windows 7
IP Address:	97.95.181.179
Unique ID:	748640427
Location:	42.338600158691, -71.853103637695

Name	karlene Schwartz
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Affiliation (town or organization)	Boylston
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies
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Transportation Sector Strategies	T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Transportation Sector Strategies

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
--	---

Benefits Other	ZEV reduces gas and oil drilling.
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	All public buildings and new private buildings must have EV charging.
--	---

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
--	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Air and noise pollution will be directly reduced by EV use. Soil pollution and habitat destruction will be reduced because less oil and gas drilling will take place.

Electricity Sector Strategies

Non-Energy Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	February 1, 2021 2:15 pm
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	108.26.212.18
Unique ID:	748706076
Location:	42.313701629639, -71.194702148438

Name	Lucia Dolan
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Affiliation (town or organization)	Newton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Benefits Other	I believe cap is too weak - the plan should be focused on lowering VMT, for both public health and the environment. The risk of obesity, increases with increased VMT. Most people do not get any exercise daily, but 3 out of 4 public transportation users get a recommended 1/2 hour per day of exercise.
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	capping not reducing GHG emissions
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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Leave a comment or suggestion about this strategy.	Please improve by setting goals to reduce VMT. Even if all vehicles are electric, driving them encourages residential sprawl, increases obesity rates, increases microplastics from tire wear in our water supply (heavier EV produce more tire wear). EV also do not reduce paving, which leads to heat islands, increased flooding, etc.
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	If the focus is on private vehicles it is economically unjust. Low income people are less able to afford an individual car and have a private garage to charge it in. If the focus is on EV public buses, school buses, garbage trucks, delivery vehicles, etc. then it is wonderful.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	If the focus is on private vehicles, it is economically unjust for the reasons listed above. If it is on public transit, school buses, delivery vehicles, the environmental and health benefits far outweigh the drawbacks of additional cost.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Benefits Other	Promote the healthiest forms of transportation - walking and biking by funding more paths separate from vehicle traffic and by keeping those paths clear year round (ie snow removal). Support transit to reduce VMT and support transit oriented development.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	February 2, 2021 11:49 am
Browser:	Chrome 88.0.4324.96 / OS X
IP Address:	73.69.23.189
Unique ID:	749233036
Location:	42.369899749756, -71.235298156738

Name	Katharine Pillsbury
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Affiliation (town or organization)	Newton
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Transportation -- Invest more in better forms of public transportation. The state puts a lot of money into facilitating car ownership through road infrastructure. Also your plan seems to focus primarily on facilitating EV adoption. That is good but there should be much more in other forms of transportation. People will continue to think they need a car or more than one car for their household if public transportation does not improve.</p> <p>Building sector -- Developers are already proposing and building housing that meets passive house standards including in affordable housing projects. It can be done and should be done given the length of time buildings will be in service. Ensure high energy efficiency stretch code can be implemented now and that it is state policy much sooner than 2028.</p>
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Form Name:	CECP Public Feedback
Submission Time:	February 2, 2021 2:30 pm
Browser:	Firefox 85.0 / OS X
IP Address:	146.115.137.163
Unique ID:	750079082
Location:	42.313701629639, -71.194702148438

Name	Jane Matlaw
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Affiliation (town or organization)	retired
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

We need clean/green transportation in MA. Please:

commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)
set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030
release a plan for the Transportation Climate Initiative funds that supports social justice communities
create a plan for Congestion Pricing
focus on legislative actions that can take place during the next 5 years.
Increased EV adoption rates and decreased VMT cannot wait until 2030

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)
set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030
release a plan for the Transportation Climate Initiative funds that supports social justice communities
create a plan for Congestion Pricing
focus on legislative actions that can take place during the next 5 years.
Increased EV adoption rates and decreased VMT cannot wait until 2030

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
Leave a comment or suggestion about this strategy.	<p>commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)</p> <p>set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030</p> <p>release a plan for the Transportation Climate Initiative funds that supports social justice communities</p> <p>create a plan for Congestion Pricing</p> <p>focus on legislative actions that can take place during the next 5 years.</p> <p>Increased EV adoption rates and decreased VMT cannot wait until 2030</p>

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
Leave a comment or suggestion about this strategy.	<p>commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)</p> <p>set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030</p> <p>release a plan for the Transportation Climate Initiative funds that supports social justice communities</p> <p>create a plan for Congestion Pricing</p> <p>focus on legislative actions that can take place during the next 5 years.</p> <p>Increased EV adoption rates and decreased VMT cannot wait until 2030</p>

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)</p> <p>set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030</p> <p>release a plan for the Transportation Climate Initiative funds that supports social justice communities</p> <p>create a plan for Congestion Pricing</p> <p>focus on legislative actions that can take place during the next 5 years.</p> <p>Increased EV adoption rates and decreased VMT cannot wait until 2030</p>

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>commit to 100% of school bus and public transit vehicle purchases be electric by 2030 to support both social justice and children's health (CECP proposes 30% of all medium and large vehicle purchases by 2030)</p> <p>set goals to reduce vehicle miles traveled (VMT) as opposed to stabilizing VMT by 2030</p> <p>release a plan for the Transportation Climate Initiative funds that supports social justice communities</p> <p>create a plan for Congestion Pricing</p> <p>focus on legislative actions that can take place during the next 5 years.</p> <p>Increased EV adoption rates and decreased VMT cannot wait until 2030</p>

Form Name:	CECP Public Feedback
Submission Time:	February 4, 2021 1:35 am
Browser:	Chrome 88.0.4324.96 / OS X
IP Address:	142.79.196.241
Unique ID:	753298474
Location:	40.569801330566, -79.764801025391

Name	Mike Stanley
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Affiliation (town or organization)	Transit X
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Other*
---	--

Benefits Other	Evaluate privately-financed sustainable public transit podways -- see transitx.com and transitx.com/MA
-----------------------	---

Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	High cost of building and maintaining road and bridge infrastructure. Poor resiliency of road networks. High personal vehicle use and severe congestion.
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.

There is an alternative that meets the goals but without the need for road-based electric vehicles. See transitx.com and transitx.com/MA

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth, Other*

Benefits Other

Support use of public rights-of-way easements for sustainable, resilient public transit podways.

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

High cost of personal vehicles, long time to transition to clean vehicles, no solution for congestion.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Podways use 100% renewable energy and can achieve the mode share of personal vehicles providing high-convenience and the capacity to supplant trains.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Equity and Environmental Justice, Public Health, Other*

Benefits Other

Pods on podways should qualify for subsidies for being a ZEV. See transitx.com

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

High cost of personal vehicles. Encourages personal vehicle ownership. Increases congestion.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Pods (transitx.com) are a ZEV with higher value and eliminate congestion and cost of personal vehicle ownership. Much lower costs.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Other*
Benefits Other	Podways include vehicle charging without the cost of building a smart charging infrastructure.
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	High cost of building charging infrastructure. Not equitable because many lower-income people don't have garages. See transitx.com
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	Reduce the cost of charging infrastructure by moving to public transit podways that include vehicle charging that is privately-financed.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Other*
Benefits Other	Consumers will love the notion of a private chauffeured limo with the fares of public transit. It's easy to engage consumers. see transitx.com
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	High-cost of engagement with consumers.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	Analyze how people would adopt a solution as proposed by transitx.com for public transit podways.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	Based on the potential for podways to solve the challenges that face Massachusetts, the Commonwealth should study the alternative option of an alternative to road-based vehicles. See transitx.com

Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	The current grid is not designed for efficient use and storage of distributed solar and wind.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Need significant investment in energy storage.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	The falling cost of solar generation and storage may be more effective solution.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	February 4, 2021 11:31 am
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	69.247.252.64
Unique ID:	753515390
Location:	26.296800613403, -81.789596557617

Name	Anna Yie
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Affiliation (town or organization)	Dover
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Electricity Sector Strategies

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	February 4, 2021 6:56 pm
Browser:	Chrome 88.0.4324.146 / Windows
IP Address:	209.6.97.12
Unique ID:	753735128
Location:	42.360500335693, -71.054801940918

Name	Martha Simon
-------------	--------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	It is crucial that we reduce carbon emissions drastically, as soon as possible. There is no Planet B. Martha Simon
--	---

Form Name:	CECP Public Feedback
Submission Time:	February 5, 2021 1:10 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	64.112.178.26
Unique ID:	754097973
Location:	42.342399597168, -71.087799072266

Name	John MacDougall
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Affiliation (town or organization)	350Mass.
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	February 5, 2021 1:20 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	64.112.178.26
Unique ID:	754102835
Location:	42.342399597168, -71.087799072266

Name	John MacDougall
-------------	-----------------

Affiliation (town or organization)	350Mass.
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	The goals for far more EVs are good. BUT expanding and electrifying transit should get far more priority in the CECP. Also implementing regulations should be written and enacted QUICKLY, so that we begin to see benefits in the next 1-2 years
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Form Name:	CECP Public Feedback
Submission Time:	February 6, 2021 9:38 am
Browser:	Chrome 88.0.4324.146 / Windows
IP Address:	24.34.194.221
Unique ID:	754414545
Location:	42.389598846436, -72.453399658203

Name	Carol Lewis
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Please select the sectors and strategies on which you would like to comment.	<div>Transportation Sector Strategies</div> <div>Buildings Sector Strategies</div> <div>Electricity Sector Strategies</div> <div>Non-Energy Sector Strategies</div> <div>Land Sector Strategies</div> <div>General Comment or Letter Upload</div>
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

Non-Energy Sector Strategies

Land Sector Strategies

General Comment or Letter Upload

Form Name:	CECP Public Feedback
Submission Time:	February 6, 2021 9:45 am
Browser:	Chrome 88.0.4324.146 / Windows
IP Address:	24.34.194.221
Unique ID:	754416419
Location:	42.389598846436, -72.453399658203

Name	Carol Lewis
------	-------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Massachusetts Renewable Energy Portfolio Standard (RPS): should NOT include considering Biomass as a renewable or a carbon neutral energy source. New plants should be prohibited and old ones phased out. Burning biomass produces more CO2 and other greenhouse gases than coal burning and puts particulates into the air that are extremely hazardous to human health. Biomass produced neither clean nor climate friendly energy.
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Form Name:	CECP Public Feedback
Submission Time:	February 8, 2021 3:21 pm
Browser:	Firefox 85.0 / Windows
IP Address:	216.193.175.237
Unique ID:	755275851
Location:	42.173301696777, -72.771499633789

Name	Rema Loeb
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Affiliation (town or organization)	No
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	In line with what the IPCC and recent climate updates, biomass should not be considered clean renewable energy. Taking trees that will take 100 years to replace is not sustainable or truly renewable. Burning them to create electricity creates climate pollution similar to burning coal. In the end, money cannot buy good science. Please remove biomass from any consideration in the roadmap.
--	---

Form Name:	CECP Public Feedback
Submission Time:	February 9, 2021 4:01 pm
Browser:	Chrome 88.0.4324.146 / Windows
IP Address:	74.77.165.245
Unique ID:	756551803
Location:	43.238300323486, -78.886596679688

Name	Leslie Anderson
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Affiliation (town or organization)	Propane Gas Association of New England
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

T3: Reduce Upfront ZEV Purchase Cost Burden

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

T5: Engage Consumers & Facilitate Markets

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

E2: Develop and Coordinate Regional Planning and Markets

E3: Align Attribute Markets with GWSA Compliance

E4: Continue to Deploy Solar in Massachusetts

E5: Develop a Mature Offshore Wind Industry in Massachusetts

E6: Incorporate GWSA into Distribution-Level Policy Considerations

General Comment or Letter Upload

If you have a letter to upload, please do so here.

<https://www.formstack.com/admin/download/file/9952952080>

Form Name:	CECP Public Feedback
Submission Time:	February 11, 2021 9:19 am
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	71.184.19.197
Unique ID:	757707646
Location:	42.473300933838, -70.941902160645

Name	Gordon Starr
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Affiliation (town or organization)	Barnstable Town Councilor
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	Building codes should be updated much much sooner than 2028. The stretch code should be required in all towns.
--	--

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**? Yes

Leave a comment or suggestion about this strategy. We need incentives to wswitch away form gas as units age out.

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Form Name:	CECP Public Feedback
Submission Time:	February 11, 2021 2:35 pm
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	216.15.113.150
Unique ID:	757876916
Location:	42.416599273682, -71.146896362305

Name	Arne Abramson
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
	Electricity Sector Strategies

Transportation Sector Strategies

Electricity Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	February 12, 2021 11:11 am
Browser:	Chrome 88.0.4324.96 / OS X
IP Address:	75.69.140.176
Unique ID:	758289047
Location:	42.617900848389, -70.715400695801

Name	Susan Salem
-------------	-------------

Affiliation (town or organization)	Gloucester
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I'm not a climate scientist or expert. I'm a mom and a nature lover who has read to CECP. I know that if we don't enact, NOW, climate policies, goals, and programs, we will let down future generations and our beautiful Commonwealth.

Transportation (public & private) sectors and building systems/standards offer such great opportunities to make progress but we should be even more ambitious in our vision. This new report demonstrates that it IS possible to decarbonize faster/deeper in the NorthEast:

<https://www.sciencedirect.com/science/article/pii/S2214629620304667?dgcid=author>.

We need the government's guidance through policy and regulation to make it work, and I urge you to consider more aggressive, more equitable climate goals.

Form Name:	CECP Public Feedback
Submission Time:	February 12, 2021 11:31 am
Browser:	Chrome 88.0.4324.104 / Windows
IP Address:	24.23.158.194
Unique ID:	758299813
Location:	37.567100524902, -122.37100219727

Name	Mal Skowron
-------------	-------------

Affiliation (town or organization)	Green Energy Consumers Alliance
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://www.formstack.com/admin/download/file/9981990944
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Form Name:	CECP Public Feedback
Submission Time:	February 12, 2021 5:59 pm
Browser:	Chrome 88.0.4324.150 / OS X
IP Address:	75.69.137.177
Unique ID:	758470569
Location:	42.617900848389, -70.715400695801

Name	Lisa Smith
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Please select the sectors and strategies on which you would like to comment.

Transportation Sector Strategies

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	February 12, 2021 7:38 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	75.69.242.9
Unique ID:	758497764
Location:	42.458599090576, -71.359703063965

Name	Diana Smith
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Please select the sectors and strategies on which you would like to comment. Transportation Sector Strategies

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Form Name:	CECP Public Feedback
Submission Time:	February 14, 2021 8:40 am
Browser:	Chrome 87.0.4280.141 / OS X 10.10 Yosemite
IP Address:	73.119.21.28
Unique ID:	758886769
Location:	42.349998474121, -71.226898193359

Name	Andrew Gluck
------	--------------

Please select the sectors and strategies on which you would like to comment.

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	MUST...DO IT ... NOW! Time us running out Thank You
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Form Name:	CECP Public Feedback
Submission Time:	February 14, 2021 11:48 am
Browser:	Safari 14.0.3 / OS X
IP Address:	173.76.101.190
Unique ID:	758932957
Location:	42.442798614502, -71.23169708252

Name	Andrew Falender
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Land Sector Strategies
--	---

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
----------------------------------	---

Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	We must make sure the benefits for lower income individuals surpass the hardships.
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	This is a very important strategy but the initial magnitude of the charge is not nearly high enough! Also, it is important that the majority of benefits go to underserved neighborhoods.
--	---

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to
this strategy?

No

Buildings Sector Strategies

Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	February 16, 2021 10:00 am
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	71.191.209.35
Unique ID:	760593104
Location:	39.013801574707, -77.398696899414

Name	Anne Wright
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Affiliation (town or organization)	Arlington resident; Mothers Out Front
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
---	---

Benefits Other	Ultimate savings for homeowners, given that prices of Heat Pumps are coming down; and also given that ASHPs supply much-needed Air Conditioning with the same system.
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	February 16, 2021 5:58 pm
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	146.115.131.155
Unique ID:	760933494
Location:	42.313701629639, -71.194702148438

Name	Helene Sroat
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Affiliation (town or organization)	Newton
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I support finalization of the plan as written, including the transportation, building, and renewable energy strategies.
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Form Name:	CECP Public Feedback
Submission Time:	February 17, 2021 3:29 pm
Browser:	Chrome 88.0.4324.146 / OS X
IP Address:	64.18.157.32
Unique ID:	761396405
Location:	52.201599121094, 20.863300323486

Name	James Aloisi
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Please select the sectors and strategies Transportation Sector Strategies
on which you would like to comment.

Transportation Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	February 18, 2021 9:45 pm
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	146.115.135.100
Unique ID:	762165635
Location:	42.313701629639, -71.194702148438

Name	John Pelletier
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Please select the sectors and strategies on which you would like to comment.

Transportation Sector Strategies

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	We need to not just cap emissions but also goal to reduce with real measurable work. Congestion pricing or demand based tolling could assist with this work
--	---

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 3. Neutral
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	It does not go far enough, we simply cannot afford to just stabilize VMT, we must actively start reducing it!
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
Leave a comment or suggestion about this strategy.	We need to focus more on electrifying school buses, and promoting bike/walk to school since SOV school trips can be 10-20% of traffic at certain times of day and can have a real VMT reduction opportunity.

Form Name:	CECP Public Feedback
Submission Time:	February 19, 2021 12:48 pm
Browser:	Chrome 88.0.4324.182 / Windows
IP Address:	75.58.121.55
Unique ID:	762463977
Location:	38.551700592041, -121.45010375977

Name	Lesley Garland
-------------	----------------

Affiliation (town or organization)	National Propane Gas Association
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://www.formstack.com/admin/download/file/10034423060
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Form Name:	CECP Public Feedback
Submission Time:	February 19, 2021 6:14 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	64.18.157.32
Unique ID:	762610531
Location:	52.201599121094, 20.863300323486

Name	James Aloisi
-------------	--------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

If you have a letter to upload, please do so here. <https://www.formstack.com/admin/download/file/10036360131>

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 5:27 pm
Browser:	Chrome 88.0.4324.150 / OS X
IP Address:	24.61.47.214
Unique ID:	763765800
Location:	42.364601135254, -71.102798461914

Name	Cecelia Bolon
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Affiliation (town or organization)	Cambridge
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies General Comment or Letter Upload
---	---

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Non-Energy Sector Strategies	N1: Target Non-Energy Emissions That Can Be Abated or Replaced N2: Implement Best Practices Around Residual Non-Energy Emissions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Benefits Other	These solutions must be equitable. Please center justice (access, cost, etc.) in planning here!!
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Do you see any key DRAWBACKS to this strategy?	Yes
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Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**? Yes

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions, Public Health

Do you see any key **DRAWBACKS** to this strategy? No

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**? Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy? Choose one = 2. Moderately support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions

Do you see any key **DRAWBACKS** to this strategy? Yes

Please describe the drawbacks you see for this strategy. If this is a rebate, it will benefit wealthy individuals who can afford the upfront cost of an EV. A rebate does nothing to ensure that low-moderate income individuals can benefit. Equity and justice must be centered in this strategy if it is to be employed!

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy? Choose one = 2. Moderately support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions

Do you see any key **DRAWBACKS** to this strategy? Yes

Please describe the drawbacks you see for this strategy. This will help wealthy folks who can afford EVs, and it will do nothing for low-moderate income folks who cannot. Especially if the charging stations are free, this subsidizes the wealthy and does nothing for low-moderate income folks.

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**?

Unclear or not sure

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?

Choose one = 1. Strongly support

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?

Choose one = 1. Strongly support

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

To what extent to do you support this strategy?

Choose one = 1. Strongly support

N2: Implement Best Practices Around Residual Non-Energy Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

As a young adult, I recognize the climate crisis as a defining challenge for my generation. I have high hopes for Massachusetts to emerge as a climate action leader, and I hope my comments below will be seriously considered.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Regards,
Cecelia Bolon, Cambridge MA

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 5:40 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	162.245.142.145
Unique ID:	763772078
Location:	42.474498748779, -72.487396240234

Name Juniper Katz

Email

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

I care about climate change because what happens to the climate, happens to us. We are at a critical point where action must be taken to address increasing climate-related events that adversely affect people and the environment. The time for action is now.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Regards,
Juniper Katz, Leverett

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 5:59 pm
Browser:	Chrome 88.0.4324.182 / Windows
IP Address:	73.119.202.215
Unique ID:	763780494
Location:	42.357799530029, -71.295700073242

Name	Christopher Jylkka
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Affiliation (town or organization)	Weston
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
--	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
--	--------------------------------

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	The bottlenecks will be on the distribution side of the transmission system(<110kv). Work needs to be done to ensure the system can accept all the new supply.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth, Other*
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 6:40 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	47.14.243.176
Unique ID:	763796931
Location:	39.623699188232, -104.87380218506

Name	Gene Fry
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Affiliation (town or organization)	Citizens Climate Lobby
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Please select the sectors and strategies on which you would like to comment.	<div>Transportation Sector Strategies</div> <div>Buildings Sector Strategies</div> <div>Electricity Sector Strategies</div> <div>General Comment or Letter Upload</div>
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.

I hold a PhD in resource economics from Cornell University. I worked 13 years for the Massachusetts utility commission and 3 years for We4stern Mass Electric, most of all on energy efficiency programs. I have studied climate change for 31 years.

We face an existential threat: that Earth's surface will grow as warm as it was when Earth last had this much CO2 in the air; 14 million years ago it was 4°C warmer than now. The feedbacks we have already set in motion will cause this to happen: less sunlight reflected - due to loss of sulfates, sea ice, much snow, some cloud cover, and some land ice. We must not only swiftly stop emissions, but also remove our legacy emissions - 40 years' worth of our annual emissions - from the air.

Much more important than any of the strategies listed in the plan is a briskly rising price on CO2 emissions. Without such a price, the other pieces are doomed to either fail or be suboptimal. In other words, emissions will fall too slowly and emissions in some sectors will not fall much at all, notably industry, also ships and planes. Building heating - replacing all fossil fuel heat by heat pumps powered by carbon-free electricity - could be adopted too slowly, absent a rising carbon price.

Without a carbon price supporting carbon quantity reduction goals, progress toward those goals will be inadequate.

To make the carbon price palatable, the proceeds much be returned to the public - 100%, in equal shares. This will leave about 70% of residents with more \$ to spend than they pay in higher fossil fuel prices, including 98% of low-income residents.

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 7:27 pm
Browser:	Chrome 88.0.4324.182 / OS X
IP Address:	71.218.146.232
Unique ID:	763817487
Location:	39.74280166626, -104.8996963501

Name	Dylan Macy
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Affiliation (town or organization)	Beverly
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

Strong climate action is important to me because living in a coastal town, I have seen firsthand the worsening storm surges resulting from the rising tides and thus believe that sustainability is not a progressive trend; it is our key to averting a cascading crisis that will harm the most vulnerable communities and our vital natural resources. The future wellbeing of the Commonwealth rests upon bold but necessary steps from our elected officials to ensure a dedication to the most aggressive policy action possible. For these reasons, I believe Massachusetts should:

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy-efficient and converting their heating to non-fossil fuel systems.

Thank you for your consideration of these comments.

Regards,
Dylan Macy, Beverly

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 7:48 pm
Browser:	Mobile Safari 14.0.3 / iOS
IP Address:	69.116.157.134
Unique ID:	763826119
Location:	41.034801483154, -74.043899536133

Name	Jennifer Smith
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here. We need strong climate action and we need it now, this can't wait.

Form Name:	CECP Public Feedback
Submission Time:	February 22, 2021 10:18 pm
Browser:	Chrome 88.0.4324.182 / Windows
IP Address:	47.44.128.178
Unique ID:	763875934
Location:	37.750999450684, -97.821998596191

Name	Margaret Nartowicz
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Affiliation (town or organization)	Town of Berlin
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please see attached comments from the Town of Berlin
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If you have a letter to upload, please do so here.	https://www.formstack.com/admin/download/file/10051370574
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Form Name:	CECP Public Feedback
Submission Time:	February 23, 2021 11:09 am
Browser:	Firefox 85.0 / Windows
IP Address:	108.49.84.237
Unique ID:	765739877
Location:	42.460498809814, -72.190399169922

Name	Becky Ikehara
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Affiliation (town or organization)	North Brookfield
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
---	--

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	I'm wondering if 30% of new sales = EVs by 2030 is ambitious enough.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	EVs are expensive. If we really want to electrify the entire transportation sector (as we should), there need to be strong incentives for consumer adoption of EVs.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Again, as a practical measure, consumers have to be willing to make the switch to electric. They (we) will balk at punitive costs and difficulty of use.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	I think the sooner, the better. I know this is a ten-year plan, but don't leave the "hard actions" for the second five years -- start right away.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	It's really important to focus on fewer vehicle-miles-traveled per year -- can we please encourage growth of the public transit sector?

Form Name:	CECP Public Feedback
Submission Time:	February 23, 2021 6:29 pm
Browser:	Chrome Mobile 87.0.4280.77 / iOS
IP Address:	137.83.123.38
Unique ID:	766005888
Location:	41.479598999023, -81.511001586914

Name	Manijeh Berenji
-------------	-----------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

If you have a letter to upload, please do so here. <https://www.formstack.com/admin/download/file/10070950775>

Form Name:	CECP Public Feedback
Submission Time:	February 24, 2021 7:50 am
Browser:	Safari 14.0.1 / OS X
IP Address:	96.233.165.228
Unique ID:	766866691
Location:	42.514801025391, -72.809097290039

Name	David Greenberg
-------------	-----------------

Please select the sectors and strategies General Comment or Letter Upload
on which you would like to comment.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

I'm sure I don't need to tell you how crucial it is that we address climate change as strongly and as quickly as we can. We have made a good start, but we can do more.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air, especially important to cities like Springfield, where asthma is of epidemic proportions and where an additional source of environmental degradation from a biomass plant would be horrendous for the at-risk community that would be affected.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Regards,
David Greenberg, Colrain

Form Name:	CECP Public Feedback
Submission Time:	February 26, 2021 8:22 pm
Browser:	Chrome 87.0.4280.109 / Chrome OS
IP Address:	96.39.32.138
Unique ID:	769500206
Location:	42.311698913574, -71.795997619629

Name	Andrew Ahern
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Affiliation (town or organization)	Worcester
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EaZk0UbpUSFMhG6VbYVn8cgBfgiTvySxFFE7deq2k8JO4A?name=/103686249_CECP2030Comment.pdf
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Form Name:	CECP Public Feedback
Submission Time:	February 27, 2021 11:01 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	71.192.98.145
Unique ID:	769652715
Location:	42.330600738525, -72.630599975586

Name	Linda Butler
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Affiliation (town or organization)	Northampton MA
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

The climate crisis is a critical issue facing the Commonwealth. Despite the pandemic and the subsequent economic disruption, we can't lose sight of this existential threat. I know that my future health and safety and, more importantly, the future health and safety of my children and grandchildren, who also live in Massachusetts, are at risk.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. I'm sure you'll agree that the state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. ****This requires cutting emissions at least 50% by 2030.****

Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels.

I understand that these are some of the hardest emissions to reduce, and there must be swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to ****protect low-income people and environmental justice communities,**** through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments and your service to the people of Massachusetts.

Best wishes,
Linda Butler
Northampton

Form Name:	CECP Public Feedback
Submission Time:	February 27, 2021 5:38 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	73.38.170.87
Unique ID:	769748240
Location:	42.634201049805, -72.602600097656

Name	Cooper Wood
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Affiliation (town or organization)	FC-CPR
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	February 27, 2021 7:30 pm
Browser:	Firefox 85.0 / Windows
IP Address:	209.6.53.87
Unique ID:	769769920
Location:	42.382801055908, -71.095497131348

Name	Alex Epstein
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Affiliation (town or organization)	Somerville
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies Land Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Non-Energy Sector Strategies	N1: Target Non-Energy Emissions That Can Be Abated or Replaced N2: Implement Best Practices Around Residual Non-Energy Emissions
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	In addition to tax credits or rebates, consider leases or no-cost loans, similar to MassSave HEAT loans.
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T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	I strongly support this strategy, which I believe is extremely cost-effective and high return on investment.

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Technology may advance quickly; policy will need to keep up.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

N2: Implement Best Practices Around Residual Non-Energy Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Unclear or not sure

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Form Name:	CECP Public Feedback
Submission Time:	March 1, 2021 6:33 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	108.20.218.208
Unique ID:	770236100
Location:	42.197299957275, -71.44100189209

Name	Tina Hein
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Municipal land use and planning departments need immediate assistance to put in place by-laws, regulations or policies that guide future decisions to support the goals of the Clean Energy and Climate Plan.
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Form Name:	CECP Public Feedback
Submission Time:	March 2, 2021 8:36 am
Browser:	Firefox 86.0 / Windows
IP Address:	107.1.128.98
Unique ID:	770912347
Location:	37.804401397705, -122.27079772949

Name	Joseph Prondak
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Affiliation (town or organization)	Inspectional Services
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	The plan does not specifically address outdoor space heating by restaurants and other outdoor venues. With the advent of Covid19, the use of these heaters has dramatically increased. When Covid ends, these will not go away as they have opened a path for increased business. These heaters need to be studied with respect to their overall consumption and their contribution to our carbon footprint and subsequently considered in the plan.
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Form Name:	CECP Public Feedback
Submission Time:	March 5, 2021 1:47 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	174.192.13.66
Unique ID:	774380363
Location:	42.401901245117, -71.119300842285

Name	Alden Booth
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Affiliation (town or organization)	Town of Gill, member of the Energy Commission
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T5: Engage Consumers & Facilitate Markets
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	It does not address the obvious low hanging fruit that we could be implementing immediately. By putting so much emphasis on EV's it doesn't address people's habits of buying big cars and trucks, idling them way too long, and driving them way too much. We must reduce Vehicle Miles Traveled aggressively and one way to do it is a GAS TAX. It works!
---	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.

From what I can see there is nothing about trying to create incentives to stop the sale and purchase of SUV's and pick up trucks. One way to do it would be to increase taxes on fuel at the pump. It has proven to work in many countries and yet it isn't even mentioned in this document. Yes perhaps some people would drive out of state to buy gas but overall it would make a big difference -- GAS IS TOO CHEAP and has been for decades! WE need to address this issue.

And secondly, we have a no idling law in Mass and yet the practice is rampant. Automatic car starters should immediately be made illegal and the no idling law must be enforced through consumer education. School buses still idle way more than necessary as do contractor, municipal and state vehicles, oftentimes for 5 to 10 times longer than the 5 minute law permits. And yet this law is almost never enforced. Many people think it's more efficient to idle a vehicle rather than turn it off. THIS IS NOT TRUE! Turning off and starting a vehicle on average uses about the same amount of fuel as only 15 SECONDS OF IDLING! This is a fact and would make a big difference in emissions if the law were enforced and the public educated.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

It basically is about getting people to buy EVs which is necessary but there is so much more that could be implemented NOW!

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Buying an EV shouldn't be the main goal right now. It should be about educating people about our current habits and how to create incentives to steer them away from purchasing SUVs and pick up trucks. We also need to educate people about the huge negative impacts of leaving vehicles idling and using automatic car starters which must be banned ASAP. This seems radical to many but it's the quickest and easiest thing to do if we could look beyond the politics and fears of politicians of not being re-elected because of the lack of popularity of these programs. WE NEED A GAS TAX! WE NEED PEOPLE TO STOP BUYING INEFFICIENT VEHICLES. WE NEED TO STOP DRIVING SO MUCH. Focus on this rather than on simply replacing gas vehicle with EVs especially since electricity generation is far from being a zero emissions activity.

Form Name:	CECP Public Feedback
Submission Time:	March 8, 2021 10:48 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	108.8.228.48
Unique ID:	775337670
Location:	42.472801208496, -73.274398803711

Name	Miriam Kurland
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Affiliation (town or organization)	Goshen, MA
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	During this climate emergency, it is time to stop commercial logging in our state owned lands and incentivize private individuals to stop commercial logging on their own lands. It is also time to convert all traditional farming methods to organic regenerative farming techniques for healthy soils and food and for carbon sequestration advancement.
---	---

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Removing all fossil fuel emissions sooner rather than later is imperative as we find that climate change is accelerating as we speak. At the same time, we need to advance strategies to enhance our natural carbon sinks to reverse climate change immediately. Healthy oceans, wet lands, water ways, forests and better farming will increase the health of our climate and all life on our planet. We need to stop the use of pesticides and herbicides immediately, as well. We can transition wood and plastic products to fast growing plant products such as hemp and bamboo.
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Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 12:13 pm
Browser:	Firefox 86.0 / Windows
IP Address:	108.7.76.208
Unique ID:	775990949
Location:	42.279300689697, -71.245002746582

Name	Michael Opton
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Affiliation (town or organization)	Neehdam
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please incentivize cities and towns in transitioning away from using landscape maintenance equipment powered with internal combustion engines and to invest in electric alternatives. Please educate and assist small businesses and landscapers in making this transition.
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 12:15 pm
Browser:	Chrome 89.0.4389.72 / Windows
IP Address:	71.88.37.99
Unique ID:	775992318
Location:	41.62670135498, -72.245796203613

Name	Mark Scribner
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Affiliation (town or organization)	Energy New England (ENE)
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T5: Engage Consumers & Facilitate Markets
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Transportation Sector Strategies

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Consumer financial savings and lifestyle improvements
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

Two critical actions are missing from the plan's Transportation strategy T5 Action 'Market Facilitation' that will be required in order to accelerate EV adoption to the level needed to meet the plan's goal of 750,000 EVs by 2030. These are marketing (often referred to as awareness and outreach) and driver support (akin to customer service and transition support that many organizations now provide).

In 2020 my organization, Energy New England (ENE) conducted the largest survey of its kind on electric vehicle interest by Massachusetts residents, which received nearly 8,000 responses from 10 municipalities across the state. Respondents were asked about their likelihood to consider an EV for the next vehicle, what year they were likely to purchase, what factors influence their decision, and what outstanding barriers would prevent them from choosing an EV. Summary slides of the surveys' aggregate results are available upon request.

While results were encouraging, indicating likely over 1/3 of respondents may consider an EV by 2030, it became clear that significantly more market facilitation actions will be needed than is set forth in the current plan. The first indicator is that over 35% of these EV interested respondents were not sure which type of plug-in vehicle was right for them, creating significant consumer hesitancy that slows any new technology adoption. By comparison only 15% to 24% already knew what type of EV was right for them. This indicates a gap in consumer knowledge that best bridged through the active outreach and engagement that a comprehensive marketing campaign and driver support services would provide.

Another key finding of the survey: Over half (55%) of respondents are interested in an EV primarily for potential financial savings reasons, while less than half (49%) were motivated by emissions benefits. This means that the focus of marketing and awareness needs to shift to primarily being about the savings from fuel, maintenance and total cost of ownership that an EV inherently provides the driver. While concerns over price (addressed by MOR-EV) and charging access (addressed by MasseVIP) topped respondents barriers to adoption, still nearly 1/3 (32%) of respondents indicated concern over new technology. This is a largely unaddressed area that the reassurance of marketing and driver support would provide. And finally, 1 in 5 respondents indicated believing there is not an available model choice that meets their needs. This is another unaddressed area that requires marketing and support to engage the driver to increase their awareness of existing and upcoming choices, and how to comfortably make the transition to their first EV.

A secondary insight indicating the critical need for driver support was that although nearly 40% were concerned about not having charging access, over half of these respondents live in single family homes, indicating that they are not aware that they do in fact likely already have access to charging a vehicle at their residence. And finally, a very concerning unexpected finding was that EV interest through 2025 will actually be

higher than in the second half of this decade, which is the opposite of many EV adoption projections, indicating that the greatest challenges to consumer acceptance of EVs lie with the potential secondary wave of adopters following this immediate one. This is even stronger evidence that a ramp up to robust, comprehensive state sponsored EV marketing campaigns and driver support will be needed, especially by the second half of this decade.

In summary, our findings support that marketing campaigns organized and coordinated by the state to both raise awareness about EV benefits and actively engage residents through calls to action are critical for drivers to undertake the required steps to choose an EV for their next vehicle. The second key missing element, driver support, provides effective, direct, 1-on-1 education & reassurance. This could be through a state sponsored "EVisor" coaching service, as well as coordinated municipal services, to assist drivers in becoming comfortable with available vehicle choices and the new paradigm of using electric "fuel". The service could collaborate with the local dealer networks, auto manufacturers, municipalities and the utilities, provide expertise based reassurance, help drivers find the EV that fits their needs and wants, understand purchase and lease options, and guide them on vehicle shopping and residential charging installation. These two key strategy actions of EV marketing and driver support are critical to meeting the plan's metrics for 2030 and beyond. Please contact me directly for more detail about any part of this comment.

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 12:56 pm
Browser:	Chrome 88.0.4324.109 / Chrome OS
IP Address:	50.201.68.142
Unique ID:	776016549
Location:	41.563301086426, -70.984199523926

Name	Laura Gardner
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Affiliation (town or organization)	Climate Reality Massachusetts Southcoast
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

As a parent, the climate crisis terrifies me. We are not doing enough in Massachusetts and MUST DO MORE.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Regards,
Laura Gardner

orm Name:	CECP Public Feedback
Submission Time:	March 9, 2021 1:19 pm
Browser:	Firefox 78.0 / OS X 10.10 Yosemite
IP Address:	73.149.19.218
Unique ID:	776028946
Location:	42.364601135254, -71.102798461914

Name	Sue Stafford
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Affiliation (town or organization)	Mothers Out Front
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I am writing as a mother and grandmother concerned about the future of my children and grandchildren. I feel that I've been writing these comments for year, and nothing significant is happening. TICK TOCK!!! We're running out of time to take action to avoid catastrophic impacts of climate change. Let's get on this NOW! I urge you to:

1. Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

2. Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 1:21 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	96.236.113.106
Unique ID:	776030173
Location:	42.431900024414, -73.073997497559

Name	John Howard
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Affiliation (town or organization)	South Hadley
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 1:56 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	173.76.106.152
Unique ID:	776048664
Location:	42.442798614502, -71.23169708252

Name	Judith Glixon`
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Affiliation (town or organization)	Lexington
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I believe that climate change is the single most important issue that we are facing right now. We have a very narrow window during which to make our last gasp efforts to manage the trajectory of rising temperatures before the planet is no longer habitable. We owe this to our future generations. This is not a time to stand idly by or to take half-measures. Please make sure the proposed plan remains intact. We don't want to look back and realized that we missed our chance to save ourselves. We can do this. And we must.

Thank you.

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 2:10 pm
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	73.69.171.63
Unique ID:	776056358
Location:	42.110900878906, -71.184898376465

Name	Jan Kubiak
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Affiliation (town or organization)	Hyannis
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker,
I am concerned that businesses and individuals who are opposed to ambitious climate action are undermining our possible survival. I want to suggest that you ask them how they propose to dramatically reduce greenhouse gases. We need everyone involved in this vital transition. I hope you will make it a demand for solutions and ignore the lip service and greenwashing that you so hear. i e Ask the housing industry how they plan to stretch their efforts to be as energy efficient as we need. Thank you. Jan

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 2:30 pm
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	73.69.171.63
Unique ID:	776067127
Location:	42.110900878906, -71.184898376465

Name	Jan Kubiak
-------------	------------

Affiliation (town or organization)	Hyannis
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T5: Engage Consumers & Facilitate Markets
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Transportation Sector Strategies

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Want to add that I am very encouraged to see Chrysler Corporation advertising the first plug in hybrid mini van, the Chrysler Pacifica on television. The first EV or hybrid I've ever seen on TV.
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Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 3:02 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	108.49.68.20
Unique ID:	776084617
Location:	42.29349899292, -71.295997619629

Name	phyllsi theermann
-------------	-------------------

Affiliation (town or organization)	wellesley
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I request that the Administration develop a program (such as HD 3466) to incentivize cities and towns in transitioning away from using landscape maintenance equipment powered with internal combustion engines and to assist small businesses and landscapers, as well. State Rep. Michelle Cicollo is championing this effort.

As part of this ask, I would like legislators to recognize the health and environmental hazards posed by internal combustion engines (2-stroke and 4-stroke) and in particular, its disproportionate impact on BIPOC (black, indigenous, and people of color) and immigrant residents.

thanks!

Form Name:	CECP Public Feedback
Submission Time:	March 9, 2021 5:31 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	75.69.137.177
Unique ID:	776161059
Location:	42.617900848389, -70.715400695801

Name	Lisa Smith
-------------	------------

Affiliation (town or organization)	Cape Ann Climate Coalition
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies Land Sector Strategies
---	--

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Non-Energy Sector Strategies	N1: Target Non-Energy Emissions That Can Be Abated or Replaced N2: Implement Best Practices Around Residual Non-Energy Emissions
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy? No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy? No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice

Do you see any key DRAWBACKS to this strategy? No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
---	--

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy? Choose one = 1. Strongly support

E3: Align Attribute Markets with GWSA Compliance

E4: Continue to Deploy Solar in Massachusetts

E5: Develop a Mature Offshore Wind Industry in Massachusetts

E6: Incorporate GWSA into Distribution-Level Policy Considerations

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy? No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

N2: Implement Best Practices Around Residual Non-Energy Emissions

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy? No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Form Name:	CECP Public Feedback
Submission Time:	March 10, 2021 9:22 am
Browser:	Chrome 89.0.4389.72 / Windows
IP Address:	66.189.122.137
Unique ID:	776431460
Location:	37.750999450684, -97.821998596191

Name	Kate Roy
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Affiliation (town or organization)	Massachusetts Municipal Wholesale Electric Company
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EUXyGahPDrNKkEDw8EYXfRwBX3s78hnK996ECcSWmIx1qg?name=/103686249_MMWEC2030climateplancomments31021.docx
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Form Name:	CECP Public Feedback
Submission Time:	March 10, 2021 3:40 pm
Browser:	Firefox 85.0 / OS X
IP Address:	75.181.32.78
Unique ID:	776650902
Location:	35.133800506592, -81.005996704102

Name	Lindsay Crouch
-------------	----------------

Please select the sectors and strategies General Comment or Letter Upload
on which you would like to comment.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Governor Baker and staff of the Executive Office of Energy and Environmental Affairs,

The climate crisis is one of the most pressing issues of our time and will affect the health and well-being of every human being on earth in the coming decades. Now is the time to take bold steps to create a livable future, and Massachusetts should be a leader in that regard.

Cut emissions 50% by 2030

I support EEA's draft Clean Energy and Climate Plan (CECP) for 2030. However, I strongly urge you to set the state's emissions reduction target for 2030 at 50%, not 45% - 50% as in your latest legislative proposal. The state's emissions reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030. Studies have shown that states and countries that take similarly ambitious steps have seen net increases in household income and economic growth, not decreases. Additionally, the benefits to bolder action mean more green jobs in the state and healthier communities with cleaner air.

Create a strong cap on emissions from the buildings sector, as you proposed

Additionally, I join many others in urging you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. This includes creating a strong cap on heating fuel emissions by 2023, as you proposed in the draft CECP, including a price on emissions placed on companies importing heating fuels. These are some of the hardest emissions to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the funds taken in through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

Thank you for consideration of these comments.

Regards,
Lindsay Crouch
Granby, MA

Form Name:	CECP Public Feedback
Submission Time:	March 11, 2021 10:27 am
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	72.74.33.158
Unique ID:	777006986
Location:	42.454700469971, -71.150199890137

Name	Laura Turenne
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Affiliation (town or organization)	Spark Energy Conservation
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I would just like to reiterate what many of my fellow colleagues have already said: BIG changes are needed. Incentives for clean energy are great, but we need a whole culture shift. We need to pay for the training of everyone who works with Natural Gas to now be a part of a whole new industry. All new construction should be net zero as soon as possible. To really hit the targets that are set forth, I'm in agreement with Bill Gates: nuclear power will have to be part of the equation. Thank you.
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Form Name:	CECP Public Feedback
Submission Time:	March 12, 2021 8:16 am
Browser:	Chrome 87.0.4280.88 / Windows
IP Address:	24.63.251.37
Unique ID:	777462037
Location:	42.393100738525, -71.134498596191

Name	Rebecca Tepper
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Affiliation (town or organization)	Massachusetts Attorney General's Office
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ETWUx5ExgLIItDpW4yPgPoYBCbhANZwH_ZEY1COzw0-Vfg?name=/103686249_21_3.12_CECPCcommentDraft_forsubmission.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 12, 2021 11:02 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	64.112.182.88
Unique ID:	777554973
Location:	42.33459854126, -71.036201477051

Name	Mercedes Ridao
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Affiliation (town or organization)	Old South Church, member of GBIO, Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Dear People,</p> <p>Just want to voice my support for the Climate Plan for 2030 for the the state. I do my part as best as able -- don't drive, use limited public transportation, recycle and compost, very conscious buyer and user of electricity/gas/water, and support organizations that provide support for all to act equitably and mindfully of our resources. I want Massachusetts to act in collaboration.</p> <p>Thanks, Mercedes Ridao,</p> <p>1597 Washington Street #408, Boston</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 13, 2021 12:12 pm
Browser:	Firefox 86.0 / OS X
IP Address:	209.6.197.143
Unique ID:	777974274
Location:	42.401901245117, -71.119300842285

Name	Nathan Kaufman
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Spending more money to get to a 50% GHG reduction in 2030 is reasonable, given the size of the state's economy and the benefits from cutting fossil fuel use.

- Based on allocating \$6 billion over the next ten years, it's only a 3% increase (\$600 million) in the \$20 billion a year cost of energy in Massachusetts.
- \$600 million is only 0.1% of the overall value of the state's economy per year (\$600 billion) - a tiny fraction to put into addressing the climate crisis.
- The \$6 billion cost leaves out the health benefits, jobs and other savings from cutting use of fossil fuels.

In addition, there are other reasons why a 50% cut is is a sound proposal:

- The state's GHG reduction goals must be based on science, which includes the IPCC's target of holding emissions to a level which will keep global temperatures from rising more than 1.5 degrees centigrade. This requires cutting emissions at least 50% by 2030.
 - The CECP tables show that the state can get to a 45% to 48% cut in greenhouse gases by 2030, which is only 2% away from 50%. The state could easily reach the extra 2% through a variety of measures put forth by advocates to further cut emissions from electricity, transportation, and buildings.
-

Form Name:	CECP Public Feedback
Submission Time:	March 13, 2021 2:36 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	98.217.194.60
Unique ID:	778007190
Location:	42.309898376465, -71.12020111084

Name	Carol Leary
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Affiliation (town or organization)	LIVING PLACE: JP (Jamaica Plain)
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>Anyone in opposition to ecosystem health via carbon sequestration is not open to facts, more of which come in all the time from all over the world, including those we may observe, our selves, right outside our own windows.</p> <p>Until roll-out of major electric car programs, conversion from plastic bottles back to glass & other initiatives, on a national basis, American states & cities must undertake to address projects in the interim. That interim grows shorter & shorter.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 13, 2021 8:41 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	192.80.55.87
Unique ID:	778077609
Location:	39.050300598145, -76.824897766113

Name	Daniel Scholten
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.

The Clean Energy and Climate Plan for 2030 (CECP), outlines the actions Massachusetts will undertake this decade to ensure its 2030 emissions limit is met. The plan is being prepared alongside the 2050 Decarbonization Roadmap, which lays out the administration's plan to achieve net zero greenhouse gas emissions by 2050. However, as currently written, the CECP plan is not ambitious enough to put Massachusetts on an adequate path to decarbonization, and avoid the worst impacts of the climate crisis.

Climate change is the most important issue of our generation. Our community is already feeling its impacts.

Massachusetts is in a unique position to be a leader in this fight.

Form Name:	CECP Public Feedback
Submission Time:	March 14, 2021 8:22 am
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	38.242.11.131
Unique ID:	778161618
Location:	42.458599090576, -71.359703063965

Name	Donal Richardson
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Affiliation (town or organization)	Resident of Concord MA
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I encourage the state government to incentivize cities and towns in transitioning away from the use of landscape maintenance equipment powered with internal combustion engines and to assist small businesses and landscapers, as well in a transition to electric equipment.
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Form Name:	CECP Public Feedback
Submission Time:	March 14, 2021 6:11 pm
Browser:	Firefox 86.0 / OS X
IP Address:	100.0.197.181
Unique ID:	778305103
Location:	42.415500640869, -71.175598144531

Name	Nick Afshartous
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Affiliation (town or organization)	Lexington
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I'm requesting that Administration develop a program (such as HD 3466)
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<https://malegislature.gov/Bills/192/HD3466>

to incentivize cities and towns in transitioning away from using landscape maintenance equipment powered with internal combustion engines and to assist small businesses and landscapers, as well.

Form Name:	CECP Public Feedback
Submission Time:	March 14, 2021 6:40 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	108.49.29.85
Unique ID:	778311364
Location:	42.505100250244, -71.204696655273

Name	Zhu Liu
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Please select the sectors and strategies on which you would like to comment. Transportation Sector Strategies

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	I see that the focus is on how to reduce cars' impact to environment but not reduce transportation's total impact to environment. The car-focus proposal is wrong and too intimidated by some loud public complaints in my view.
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Why do we have to stay with cars if other means are already gaining traction? A main example is bikes, be it regular bike, e-bike or just scooter. More people are using bikes year over year. Any bike is better than a 2 tons of machine, even if the car is on best possible fuel only. The production impact to environment between a bike and a car is no brainer. It makes people healthier by getting more exercise, creating less pollution, and killing much less people.

Some European cities already banned cars partially in downtown and expanded the ban gradually in the area and scope. It turns out that walking or cycling actually rejuvenated cities' shopping activities because people spend more time to stores than when passing by on cars.

America is not ahead the curve but behind it now because the status quo from public opinions was not challenged by politicians. Yes, America was built on four wheels, but no always. The society can change and evolve and people adapt to the changes after complaints. It is time that we challenge the status quo so we can make a better plan for tomorrow's need, not based on yesterday's culture.

Form Name:	CECP Public Feedback
Submission Time:	March 14, 2021 6:58 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	65.96.167.22
Unique ID:	778315276
Location:	42.380001068115, -71.13289642334

Name	Helena Caswell
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Affiliation (town or organization)	MIT
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Renter protection
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Near term strict building codes are crucial for meeting 2050 climate goals. It is not that much more expensive to build new buildings that comply with codes compared with the cost of retrofitting energy inefficient buildings. The benefits from living in these buildings and for those in the wider community come from improved health, fewer missed days of work/school, higher paying jobs for green builders, and lower utility payments.
--	--

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
Benefits Other	renter protection
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Ensure that low income households and those of Massachusetts EJ communities are prioritized for this funding and put safeguards in place so that it will not lead to gentrification. With these safeguards, health and safety benefits can accrue to occupants of these buildings, improving Massachusetts equity. Also, do not forget those living in mobile homes that are usually more inefficient (per sqft) than other homes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Electrification of building has huge health benefits. Children who grow up in houses with gas stoves are 42% more likely to have asthma. Electrifying building heat will lead to enormous efficiencies and allow for Massachusetts to free itself from the environmental and health burden of using fuel oil and natural gas.

Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 9:26 am
Browser:	Safari 14.0.3 / OS X
IP Address:	73.218.186.172
Unique ID:	778529008
Location:	41.635398864746, -70.943496704102

Name	Elizabeth Murphy
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Affiliation (town or organization)	Dartmouth, MA
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Governor Baker,</p> <p>Regarding the 2030 CECP, the target MUST be 50% or higher to keep global temperatures from rising more than 1.5 degrees centigrade. In addition, the funds taken in through the sale of emissions permits MUST be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.</p> <p>Thank you!</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 10:59 am
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	71.234.246.216
Unique ID:	778582694
Location:	42.654098510742, -71.921997070312

Name	Kerry Koskinen
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Affiliation (town or organization)	Westminster
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>I have been a remodeling carpenter for twenty one years now and have completed several Deep Energy Retrofits starting with the DER pilot program in 2010. These retrofits have been shockingly expensive and definitely more than Building Science Corporation calculated back then. We have found that the increase in cost in building new construction to high performance standards, like Passive House costs relatively little, typically 20% more than code level construction, some due to design costs. Deep Energy Retrofits typically cost 50% of an existing home's value, plus or minus, including the finishes needed. Payback is non-existent for DERs. DERs are typically employed by homeowners with disposable income and a desire to do the right thing for the climate.</p>
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Building envelope retrofits are expensive and there is not currently a workforce to do them.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>As in my previous comment, DER level building envelope retrofits are very costly, somewhat complicated and have few qualified or interested contractors to perform them. I support the implementation of building envelope improvements, with the mandatory heat recovery ventilation strategy, which needs to have subsidies for any higher level of implementation. I have recently had many requests from homeowners for my services in implementing their desire to increase their home's efficiency, comfort and health. They are generally shocked at the cost of the extra measures and cannot afford to do it. At the same time the list of qualified contractors to do this work are close to non-existent. Contractors need to understand the science in order to buy into it and as of yet the majority of people in the building trades neither know or trust the science.</p> <p>I need to reinforce the point that workforce capability is lagging behind the energy code. Construction supervisors are required to take continuing education classes to renew their licenses. The only way to meet the criteria is to take the streamlined courses offered by entities approved by the state. These courses can be passed quickly and with learning anything. Meanwhile the consensus among contractors is that "buildings need to breathe" and that the code doesn't make any sense. A half day course with Building Science Corporation on building science would convince the majority of contractors that the code is both safe and needed. Currently the system has failed. We need education, training, and an increase in the workforce.</p>

Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 11:17 am
Browser:	Firefox 86.0 / Windows
IP Address:	24.147.232.13
Unique ID:	778594425
Location:	42.489700317383, -71.15950012207

Name	Ian Todreas
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Affiliation (town or organization)	Belmont Town Meeting Member
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
---	--

Benefits Other	Investments should focus on transportation demand management strategies--making more efficient use of the transpo resources we have while investing in alt modes (e.g., ped/bike infrastructure, public transit like bus/rapid transit, rideshare
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Strongly support a robust low carbon fuel standard that decreases CO2 intensity of fuels while using waste ag products from the US ag sector. Let's close this loop! Also, much faster and less expensive in having a significant CO impact than subsidizing EVs.
---	---

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

studies show that richer people tend to take advantage of these incentives, so there is a big equity issue...

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

The cost for marketing these programs is high. And the penetration that results is low. Something is off.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

are lack of incentives really the prob in getting faster/higher adoption rates? I dont

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	These are the most important set of strategies for long-term and sustainable transformation. We need to lock these in.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 11:22 am
Browser:	Firefox 86.0 / Windows
IP Address:	24.147.232.13
Unique ID:	778598027
Location:	42.489700317383, -71.15950012207

Name	Ian Todreas
-------------	-------------

Affiliation (town or organization)	Belmont Town Meeting Member
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Leaf blowers and other handheld (and larger) landscaping equipment are significant polluters. They ruin local air quality, pose related public health risks, drive at-home workers/students/retirees/others to insanity with their excessive noise, impair the hearing/lung function of users, burn fossil fuels, and frankly are largely unnecessary given other alternatives, such as the modest rake. At a minimum, munis should be encouraged NOT to use them and the state should provide guidance, regs, and incentives to drive safer and cleaner alternatives.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 5:50 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	73.68.130.66
Unique ID:	778820666
Location:	42.590801239014, -71.80549621582

Name	Scott Graves
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Affiliation (town or organization)	The Worcshop(Leicester, MA Business Incubator) & SMGraves Associates (Consultancy)
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	Dependent on tax funding strategy: Central and Western MA need not carry all burden through gas tax. Make tax strategy more equitable.
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	I believe in funding public/clean transportation improvements through a combination of gas tax and other reliable sources of funding, namely the taxation of large business interests who require large parts of their workforce to commute long distances.
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Form Name:	CECP Public Feedback
Submission Time:	March 15, 2021 5:55 pm
Browser:	Safari 14.0.2 / OS X
IP Address:	73.68.130.66
Unique ID:	778822933
Location:	42.590801239014, -71.80549621582

Name	Scott Graves
-------------	--------------

Affiliation (town or organization)	The Worcshop (Leicester) and SMGraves Associates (Gardner)
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
---	--

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Dependent on burden to low-income residents
---	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	The de-centralization of labor (ie more central and western MA residents stay in place to telecommute) would bring benefit to our downtown businesses. The propagation of husband spoke co-working amenities throughout the state, business incubators that offer live/work amenities such as ours in Leicester, and concierge services which if well designed reduce corporate costs for such a measure would reduce personal and public transportation pressure on our carbon footprint while creating more distributed economic opportunity state-wide.
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Form Name:	CECP Public Feedback
Submission Time:	March 16, 2021 11:09 am
Browser:	Chrome 89.0.4389.72 / Windows
IP Address:	66.189.0.179
Unique ID:	779154464
Location:	37.750999450684, -97.821998596191

Name	Douglas Albertson
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Affiliation (town or organization)	Town of Belchertown Planning Department
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Decreased VMT through better land use laws.
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

Preventing sprawling development is always less expensive (fiscally, socially, environmentally) than trying to mitigate the damage after the fact. Watershed protection already works this way; soil, forest, and other carbon sequestering natural systems will continue to do the most work at the least cost if we prevent them from being damaged by road frontage development. This is fundamentally about thoroughly revising the state's land use laws, and particularly MGL Ch. 81 section 41P, the subdivision approval not required provision (ANR). This nearly forces development to spread along existing road frontage with no regard for municipal expense, ecosystem fragmentation, soil damage, and tree removal, while greatly increasing vehicle trips.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

The first three areas above are given regarding carbon reduction. Jobs and economic growth here are supported simply by having healthier overall environment. For a direct example, consider forest management and carbon markets. Farms can also benefit through incentives to not till or use petro-fertilizers.

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth

Benefits Other

While unsure of GHG quantitative effects, the others can benefit by strengthening local economic activity, especially if it's targeted to env justice communities.

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	People usually dislike seeing forestry happen. They need to be educated; also, the more suburban sprawl there is, the more conflicts will happen between new residents and forest users. Every one of my comments refers back to revising the state's land use laws to promote more efficient development and protect the undeveloped lands.

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Benefits Other	These could also promote env justice if they are devised appropriately.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	People expect their land to make money for them. This is a way to work within that system while taking positive actions to benefit society. It's using capitalism to result in social good.

Form Name:	CECP Public Feedback
Submission Time:	March 16, 2021 6:03 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	209.94.143.69
Unique ID:	779368649
Location:	37.750999450684, -97.821998596191

Name	Olivia Humphrey
Affiliation (town or organization)	Boston
Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Land Sector Strategies
Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
Land Sector Strategies	L3: Incentivize Regional Manufacture and Use of Durable Wood Products

Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Land Sector Strategies

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

We now have the ability to incorporate WBLCA (Life Cycle Assessments) into regular building design practice. This not only creates jobs for people who can grow this expertise, but it also rolls into what we're currently doing as architects. The cataloguing of materials and weighing their impacts has never been easier, with tools like EC3, Tally, and OneClick LCA. These generate reports that not only give us data but allow us to easily identify areas for Global Warming Potential reductions.

Form Name:	CECP Public Feedback
Submission Time:	March 16, 2021 8:38 pm
Browser:	Chrome 87.0.4280.141 / OS X 10.10 Yosemite
IP Address:	73.119.21.28
Unique ID:	779421892
Location:	42.349998474121, -71.226898193359

Name	Andy Gluck
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Affiliation (town or organization)	Newton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 1:06 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	209.6.122.224
Unique ID:	779761253
Location:	42.416599273682, -71.146896362305

Name Ann Shildneck

Please select the sectors and strategies Land Sector Strategies
on which you would like to comment.

Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 1:15 pm
Browser:	Firefox 86.0 / Windows
IP Address:	24.91.214.61
Unique ID:	779766125
Location:	42.349201202393, -71.059196472168

Name	Dunbar Carpenter
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Land Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	To the extent that TCI funds are directed towards initiatives reducing automobile-dependency, this strategy could offer significant financial benefits to household that can avoid purchasing a vehicle or can reduce their driving mileage. This strategy should prioritize investments in non-auto modes to maximize all benefits.
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Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	If low C fuels are overemphasized there is a risk of slowing transition to the all-electric transport power. If EVs are overemphasized, the inequalities, health burdens, and financial costs of our current auto-dependency will be perpetuated (e.g. not everyone can afford a car, much less a new EV, even if subsidized).
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Potential to exacerbate inequality and auto-dependence.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	<p>Unless means-tested, EV subsidies will disproportionately help the wealthy who are more likely to own and purchase new vehicles, as describe in this recent StreetsBlog Mass article: https://mass.streetsblog.org/2021/02/18/analysis-bay-states-ev-rebate-program-overwhelmingly-benefits-wealthy-suburbanites/</p> <p>EVs still produce particulate matter, contribute to congestion, and require expensive infrastructure, all of which need to be managed and costs considered.</p>

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

Land and resource conservation, to the extent that more efficient infill growth and less resource-intensive sprawl is realized. Less financial burden on citizens from lower personal vehicle ownership and use.

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

This strategy needs to be more central to Mass' transportation sector decarbonization, which leans far too heavily on EVs and low-C fuels. The least cost/highest benefit path to lowering transportation emissions is to enable people to not rely on personal motor vehicle transport in the first place. This means investing heavily in robust active transportation and public transit systems with world-class levels of service (which the state is unfortunately currently de-emphasizing with MBTA service cuts). This strategy should also include significant zoning reform to allow people to affordably live near their work, including stripping local government of their ability to block housing construction. The state should be pursuing all possible strategies to reduce VMT, fleet size, and the need for personal vehicle ownership, including increased tolls, congestion pricing, a VMT tax, higher TNC fees, and investment in dependable transportation alternatives.

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Just need to ensure that GHG benefits of harvested wood products are real and long-lasting, since the do entail harvesting relatively stable forest C stocks. If wood is used for short-lived/disposable consumer products that get land-filled that undermines the benefits.

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Again, need to ensure that GHG benefits are real and additional. There is room for fudging here e.g. paying for "conservation" of forests that would not likely be harvested anyway, so these standards need to be robust, transparent, and informed with the best data and science so they lead to actual additional sequestration.

Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 1:16 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	71.127.7.126
Unique ID:	779766681
Location:	42.463500976562, -72.424301147461

Name	Shira Wohlberg
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Please select the sectors and strategies on which you would like to comment.

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	If you don't have clean air and water by learning to nurture and enhance habitat and soil health -- you've got no jobs, no economy and a barrel of health expenses and woes.
--	--

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Benefits Other	Our region of the state depends heavily of scenic and art/culture tourism. It must be a peaceful, beautiful, healthy place of stable refuge where people can form profound ties to the landscape that can be revisited without devastation year after year.
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Yes

Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 3:30 pm
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	73.234.244.50
Unique ID:	779838571
Location:	42.854099273682, -70.952102661133

Name	Dutch Dwight
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.

I have been a proponent of energy resource allocations to a balanced product and utilization model. The recent announcement and promulgations favoring electric only power production and utilization is short sighted. The cost benefit analysis does not include the costs subsidization, which is an indirect tax to the consumer, in one of the highest electricity and gas price areas of the US. As an ardent naturalist, the off shore wind farms will decimate the migratory bird north and south bound flights. Never mind the Petrels and Gant natural fishing areas. There is no substitution for the competitive nature of optimizing natural gas power and Thermal utilization found in Nat Gas CHP solutions. When compared to Denmark, which has less densely populated towns, Massachusetts is missing a Nat Gas CHP leadership opportunity. We do not have enough open space to produce straw nor policies for biomass. Please do not force mass electrification policies from intermittent Wind and Solar to screw up the poor electricity delivery, backup and storage infrastructure that we have today. I invested in a Wind tower to learn what amount it actually was producing on an annual basis. It never exceeded 18%. That is terrible results for highly subsidized installment and pricing per KW. The lack of reliability for Wind and Solar is just that - terrible. There is abundant, long term natural resources available at historically low prices for the foreseeable future due primarily to the transition to optimization of Nat Gas. We are way ahead of the climate change commitments, as compared to the rest of the world and are heading into a solar minimum period - which will further stress the capacity needs. If we were to compare your new regulations to the truth of the disaster it has wracked on Germany, you would weigh more accurately a balanced decision. There is never a one size fits all solution. Allow the market to dictate the best value in cost and benefit to the consumer and get out of the way.

Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 5:20 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	47.14.243.16
Unique ID:	779905571
Location:	39.623699188232, -104.87380218506

Name	Richard and Beverly Prager
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Affiliation (town or organization)	Residents of Charlton, MA. Supporters of several climate-related organizations.
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies Land Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Electricity Sector Strategies	E2: Develop and Coordinate Regional Planning and Markets E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Non-Energy Sector Strategies	N1: Target Non-Energy Emissions That Can Be Abated or Replaced
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Land Sector Strategies	L1: Protect Natural and Working Lands
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Please expand and improve transit, active transportation and micro-mobility options across the state in combination with policies like transit-oriented development, multi-family zoning to reduce vehicle miles traveled (VMT).

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	1. Set 100% electrification targets for transit and school buses (2030), commuter rail (2035), and municipal and state (2035) fleets 2. Develop and implement a suite of programs to accelerate electric vehicle adoption in medium-and-heavy duty sector, TNC, delivery, and other fleets with high vehicle miles traveled (VMT)

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Offer MOR-EV Rebate at Point of Purchase by 2021, implement rebate programs for moderate-and-low income residents to purchase new and used EVs by 2022.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Please set a numeric target for the number of charging stations needed in the next decade to meet our ZEV goals. We have an EV now, but limited in using it because of lack of charging stations.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	We need more education about the benefits of and incentives for ZEV's.

Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.

We've had an energy audit done by Mass Save and it was great. We got free LED bulbs and low-cost blown-in insulation and weatherstripping. More people need to know about this program, especially the poor and non-English speakers. Spread the word and expand this program! It's a good bang for the buck. Pay a little upfront, and be repaid fairly quickly in lowered heating and cooling needs.

Establish Mass Save participation targets by 2022
For serving populations traditionally underserved by Mass Save, including moderate-income ratepayers, renters, those with limited English proficiency, small businesses, and environmental justice communities.

Align the Mass Save program with decarbonization goals

Remove all incentives for fossil fuel appliances

Provided incentives to turn over fossil fuel appliances before end of life.

Electricity Sector Strategies

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Coordination with other states on their new or existing clean energy standards and regional cooperation on electricity system planning.

We should all be in this together, not just state by state. We need to work on making our grid/network better, so energy from solar and wind and other renewable sources can be moved from areas of higher concentration to areas where there isn't as much wind and solar.

We have solar panels, which provide all our electricity in the warmer months, but not in winter.

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>1. Develop a new solar incentive mechanism for those previously eligible previously eligible under the SREC I and II programs. We had SREC's with our first solar panels, which are great. But now five years later, our second set of panels gets SMART funds, which are much less valuable than the SREC's. Incentives are important. They can be funded by small increases to electric utility bills.</p> <p>2. Incentivize putting solar on rooftops of existing buildings rather than taking up open land with solar arrays.</p> <p>3. Bolster existing programs like the MA Solar Loan and Heat Smart to help lower income families to get solar.</p> <p>4. Set a minimum target for 9300 MW of solar by 2030, while at the same time incentivizing development near existing loads</p>

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Set a minimum target of 6 GW offshore wind installed by 2030. Streamline the permitting process. This is an underutilized resource. We have a lot of power offshore.

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Please minimize and eliminate methane leaks from the natural gas distribution network!
Massachusetts currently does a poor job measuring leaks, discrepancy between reported leaks and methane in the air, which are a larger portion of emissions than previously thought.

Adopt refrigerant-handling best practices when installing or removing equipment with refrigerants helps to mitigate emissions associated with leakage.

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Explore creating and funding an expanded suite of incentive-based programs designed to achieve no net-loss of forest and farmland.

PLANT MORE TREES. Get DEP in on it. US Forest Service has incentivized planting, especially in urbanized areas. We've helped plant trees in Southbridge. We need more of this type of program.

General Comment or Letter Upload

Please leave a general comment about the CECF here.

The plan is extremely detailed and complex. Thank you for working so hard on it. It took a long time and a lot of education and thinking to even comment on the wide variety of strategies in the plan.

It's important to fund the initiatives that are being made. There are many possible funding sources. We need to invest in getting to zero-emissions, including educating the public, hiring and training workers, and having enough qualified people to inspect and track progress. This all needs to be done soon. We will pay more taxes, will even donate money to help with this. We are worried about the future for our children and grandchildren. This is the number one threat ahead. If we don't deal with it well, the consequences will be terrible for our people and our planet. We KNOW this. We need to ACT on it NOW.

Again, thank you.

Form Name:	CECP Public Feedback
Submission Time:	March 17, 2021 7:12 pm
Browser:	Firefox 86.0 / OS X
IP Address:	173.48.82.58
Unique ID:	779950084
Location:	42.454700469971, -71.150199890137

Name	ALAN FIELD
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Please select the sectors and strategies on which you would like to comment.

Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
--	--------------------------------

Benefits Other	Increased carbon sequestration and storage
----------------	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.

Relating to Strategies L2 and L3 of 2030 CECP in particular

As an owner of 180 acres of forest in Massachusetts, I am willing to forgo all financial benefits of wood harvesting in order to maximize the carbon sequestered and stored in my forest during this climate crisis.

To determine my best choices to benefit the climate becomes quite complex, especially when considering the possible reduction of emissions by substituting the use of harvested wood for concrete and steel. However harvesting wood by definition eliminates that carbon storage in the woods and the sequestration rate in new growth is dramatically lowered. Also much of the harvested wood never becomes long term building material.

In the absence of convincing numbers (which I have sought from the New England Forestry Foundation - NEFF), it may be that the best practice would be for me to have no harvesting and allow the adult trees to continue to grow.

Mass. Chapter 61 forest classification has its roots in the lumber industry and is biased towards harvesting (as is NEFF). I feel the pressure to harvest as part of my forest management plan. I would urge the state to revisit Chapter 61 and urge the inclusion of the option of not harvesting in order to store and sequester carbon.

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 9:18 am
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	108.26.205.55
Unique ID:	780163240
Location:	42.349998474121, -71.226898193359

Name	James Purdy
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Affiliation (town or organization)	Green Newton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T3: Reduce Upfront ZEV Purchase Cost Burden T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
----------------------------------	--

Transportation Sector Strategies

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
--	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	https://www.nytimes.com/interactive/2021/03/10/climate/electric-vehicle-fleet-turnover.html?smid=fb-share&fbclid=IwAR2gTvJHqJAZn_C1CieBqYO4BRlyb0KTPsh8x4Voe4tQ1MPN-je31Bhb5iM
--	---

Promoting adoption is critical to EV transition.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
--	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

MBTA and RTAs need to accelerate transition to battery electric buses.

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 10:47 am
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	38.34.110.216
Unique ID:	780208336
Location:	37.750999450684, -97.821998596191

Name	Michelle Ciccolo
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Affiliation (town or organization)	State Representative, Co-Chair of the Zero Waste Caucus
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Please select the sectors and strategies on which you would like to comment.	Non-Energy Sector Strategies General Comment or Letter Upload
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Non-Energy Sector Strategies	N1: Target Non-Energy Emissions That Can Be Abated or Replaced N2: Implement Best Practices Around Residual Non-Energy Emissions
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Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

N2: Implement Best Practices Around Residual Non-Energy Emissions

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EdWxohJnn8dNnpZksO5dSnwBkTmusUPTUSvMuKhppxl7yA?name=/103686249_03.17.21CECPCommentLetterdraft.pdf
---	---

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 11:21 am
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	23.25.240.209
Unique ID:	780225957
Location:	41.279399871826, -73.032897949219

Name	Steven Tolman
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

If you have a letter to upload, please do so here. https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EbDodPjtUdVNgxsP62oAB6YBAXJHgVJJnBEPUJhnxmobWQ?name=/103686249_MAAFLCIOcommentsonMA2030EnergyandClimatePlan.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 1:18 pm
Browser:	Firefox 86.0 / OS X
IP Address:	71.255.161.200
Unique ID:	780285616
Location:	42.342399597168, -71.087799072266

Name	Mark Duffy
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Affiliation (town or organization)	Somerville, MA
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Leave a comment or suggestion about this strategy.	We need a cap on heating emissions that declines over time. Because these systems have a long lifecycle, we need early aggressive action to promote the installation of highly efficient systems. We also need the state to provide a uniform local option for constructing net-zero buildings.
---	--

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 2. Moderately support
--	------------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

General Comment or Letter Upload

Please leave a general comment about the CECP here.	The CECP must mandate a 50% reduction in emissions by 2030. This is necessary and achievable.
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 1:59 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780305902
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
-------------	----------------

Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	4.2. Getting to 45% in 2030: > 4.2 MMTCO ₂ e Reduction - Discontinue subsidies, programs and projects for biomass and waste to energy in every energy-use sector.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 2:00 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780306459
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
-------------	----------------

Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

Leave a comment or suggestion about this strategy.	Strategy B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant - Phase out all wood-fired heating systems as a way to protect public health, reduce carbon emissions that are more than for comparable gas or oil, and protect our forest carbon sink.
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Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 2:01 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780306791
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
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Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

Leave a comment or suggestion about this strategy.	Strategy B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems - Phase out all wood fired heating systems as a way of protecting public health, reducing carbon emissions that are more than for comparable gas or oil, and protect our forest carbon sink.
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Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 2:02 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780307123
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
-------------	----------------

Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

Leave a comment or suggestion about this strategy.

Strategy L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration- Forever wild and long term non-management on forests should be included in the plan.

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 2:02 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780307366
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
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Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L3: Incentivize Regional Manufacture and Use of Durable Wood Products
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Land Sector Strategies

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

Leave a comment or suggestion about this strategy.	Strategy L3: Incentivize Regional Manufacture and Use of Durable Wood Products- The plan should acknowledge that less use of our forest resources should be the number in strategy for storing forest carbon, not building more buildings or furniture. A life cycle carbon analysis of CLT vs. other building materials including local and traditionally used timber and wood products, and CLT vs. recycling building materials and existing buildings, need to be completed for the carbon accounting to be accurate. The costs and employment opportunities of new CLT buildings vs. recycling and restoration of existing structures should be carried out before a strategy be approved or promoted.
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Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 2:03 pm
Browser:	Chrome 70.0.3538.67 / Windows
IP Address:	73.167.185.1
Unique ID:	780307566
Location:	42.476398468018, -72.626403808594

Name	Janet Sinclair
-------------	----------------

Affiliation (town or organization)	Buckland
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L4: Develop Sequestration Accounting and Market Frameworks

Leave a comment or suggestion about this strategy.	Strategy L4: Develop Sequestration Accounting and Market Frameworks - Non working landscapes, committed as forever wild, or wild for two or more decades, should be given at least equal weight as working forests for carbon markets. A full analysis should be done on carbon storage and sequestering with various models of forest management, including not managing, or forever wild.
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Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 6:10 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.253.66.194
Unique ID:	780420150
Location:	42.53279876709, -71.351997375488

Name	Brent Ranalli
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Affiliation (town or organization)	Boxborough
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Please select the sectors and strategies on which you would like to comment.	<p>Transportation Sector Strategies</p> <p>Buildings Sector Strategies</p> <p>Electricity Sector Strategies</p> <p>Non-Energy Sector Strategies</p> <p>Land Sector Strategies</p> <p>General Comment or Letter Upload</p>
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Transportation Sector Strategies	<p>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</p> <p>T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards</p> <p>T3: Reduce Upfront ZEV Purchase Cost Burden</p> <p>T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging</p> <p>T5: Engage Consumers & Facilitate Markets</p> <p>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</p>
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Buildings Sector Strategies	<p>B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant</p> <p>B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems</p> <p>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</p>
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Electricity Sector Strategies	<p>E1: Fill Current Standards & Execute Procurements</p> <p>E2: Develop and Coordinate Regional Planning and Markets</p> <p>E3: Align Attribute Markets with GWSA Compliance</p> <p>E4: Continue to Deploy Solar in Massachusetts</p> <p>E5: Develop a Mature Offshore Wind Industry in Massachusetts</p> <p>E6: Incorporate GWSA into Distribution-Level Policy Considerations</p>
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Non-Energy Sector Strategies	<p>N1: Target Non-Energy Emissions That Can Be Abated or Replaced</p> <p>N2: Implement Best Practices Around Residual Non-Energy Emissions</p>
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Land Sector Strategies

- L1: Protect Natural and Working Lands
- L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
- L3: Incentivize Regional Manufacture and Use of Durable Wood Products
- L4: Develop Sequestration Accounting and Market Frameworks

Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	I would make my next automobile purchase a hybrid or electric if it were in my price range.
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T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

T5: Engage Consumers & Facilitate Markets

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

E2: Develop and Coordinate Regional Planning and Markets

E3: Align Attribute Markets with GWSA Compliance

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Incentive programs for solar (and building energy efficiency, etc.) in Massachusetts have, in my experience, generally been targeted to single-family homes and commercial properties, not multi-family residences (e.g., condominium associations). It would be helpful to make them available to multi-family residences and condominium associations.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth, Other*
Benefits Other	Offshore wind is a visually attractive feature of the seascape.

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Offshore wind is a visually attractive feature of the seascape. Those who think offshore wind is an eyesore need to look at it with fresh eyes.

E6: Incorporate GWSA into Distribution-Level Policy Considerations

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

N2: Implement Best Practices Around Residual Non-Energy Emissions

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Create more opportunities for citizens to get involved in ecosystem restoration and active ecosystem management.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

potential for over-harvesting

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Good for the local economy to build (sustainably) with local materials.

L4: Develop Sequestration Accounting and Market Frameworks

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Massachusetts Executive Office of Energy and Environmental Affairs,

Thank you for the opportunity to comment on the Commonwealth's Interim Clean Energy and Climate Plan for 2030. In addition to the comments entered above on specific action items at the state level, I would like to offer the following general input.

It is good that Massachusetts is taking a leadership role on climate action in the U.S. However, as noted on pp. 9-10 of the 2030 CECP, there are also critical actions that need to be taken at the federal level. These include formally ratifying international agreements and capping emissions. Massachusetts and other states should advocate for the federal government to take its proper leadership role, and to put in place a sound carbon pricing policy (a "pull") that would complement sector-specific regulations and public and private sector investments such as those discussed in the 2030 CECP (the "push"). A sound carbon pricing policy will regulate quantities rather than prices (i.e., it would be a cap-and-permit system, not a tax- or fee-based system), it will auction permits to first users of fossil fuels, and it will recycle 100% of revenue back to households, since households will bear the burden of higher carbon prices. For more information, see:

<https://www.feasta.org/2021/02/20/a-primer-on-carbon-pricing-for-the-u-s-a/>

Sincerely,

Brent Ranalli

Environmental Policy Professional and Instructor

Trustee, Feasta (<https://www.feasta.org/about/mission/>)

Boxborough, Mass.

Form Name:	CECP Public Feedback
Submission Time:	March 18, 2021 10:48 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.194.9.172
Unique ID:	780498814
Location:	42.284900665283, -73.214202880859

Name	Alan Papskun
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	As a clean energy proponent for 40 years, Massachusetts must commit to only clean energy now and in the future!
--	---

No burning our woodlands! Renewable solar and wind must prevail!

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 5:51 am
Browser:	Firefox 48.0 / OS X 10.7 Lion
IP Address:	216.193.165.167
Unique ID:	780566370
Location:	42.173301696777, -72.771499633789

Name	Gloria Kegeles
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Please select the sectors and strategies Land Sector Strategies
on which you would like to comment.

Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 5:56 am
Browser:	Firefox 48.0 / OS X 10.7 Lion
IP Address:	216.193.165.167
Unique ID:	780567312
Location:	42.173301696777, -72.771499633789

Name	Gloria Kegeles
-------------	----------------

Please select the sectors and strategies General Comment or Letter Upload
on which you would like to comment.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

1. Energy Sector Strategy: Resolve inconsistency between emissions reduction efforts and promotion of biomass energy by the State.

Modify Strategy E3 to eliminate all incentives for burning garbage and biomass which are both false climate solutions. Remove woody biomass from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), and the Clean Peak Standard. Eliminate funding for state programs that promote biomass burning.

2. Energy Sector Strategy: Correct errors in assuming that burning waste has zero emissions.

Modify the proposed Modeling and Emissions Accounting of Biogenic Fuels (appendix) to remove the false assumption that emissions from burning waste products, such as wood residues, will have zero emissions. This is a reversal of the findings from the 2010 Manomet study and has been scientifically disproven.

3. Land Sector Strategy: Adjust Public Land policies to reflect the critical role of forests.

The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

4. Land Sector Strategy: Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

5. Land Sector Strategy: Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more

consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

6. Land Sector Strategy: Implement a Carbon Accounting Framework for reaching net-zero.

Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 8:56 am
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	66.30.186.229
Unique ID:	780634037
Location:	42.116199493408, -71.330596923828

Name	Megan Sullivan
-------------	----------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

If you have a letter to upload, please do so here. https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EWO6og0EO2hJtqqKKdxil08BLQTuA2XcYocBymdwKDDJ2w?name=/103686249_responsetoCECP2030.docx

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 10:23 am
Browser:	Firefox 86.0 / OS X
IP Address:	24.60.161.10
Unique ID:	780677638
Location:	42.849601745605, -72.664398193359

Name	Richard Stafursky
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Affiliation (town or organization)	Species Forest Inc. land trust of Massachusetts
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 11:00 am
Browser:	Firefox 86.0 / OS X
IP Address:	24.60.161.10
Unique ID:	780701910
Location:	42.849601745605, -72.664398193359

Name	Richard Stafursky
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Affiliation (town or organization)	Species Forest Inc. land trust of Massachusetts
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
---	------------------------

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

Benefits Other	No loss; never no net loss.
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Initiate a public policy to select proforestation for problem solving. Set aside 70 million dollars to set up, retask, or use, a CRISPR invasive woody plant lab to research forest immunization. Land immunization is using CRISPR to create a specific "poison" to kill one species and only on species by blocking the reading of DNA on the species (such as the hideous knotweed destroying all our rivers and streams). I suggest UMASS at Amherst (my alma mater, Zoology 1872). I suggest MIT or some other non-forestry lab.) .
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.

Not one more acre of Massachusetts public and private land harmed by clear cut, biomass, logging roads. Keep the acres that are free of logging roads free of logging roads. For Massachusetts to join the climate solutions now available it must work to stop expansion of logging into all forests which have now grown to be forests. Forest left alone are the best carbon sink and the best for all the other native forest species. End all forest extraction and transformation subsidies. I have not taken an acre of natural forest. You have not taken an acre of natural forest. Make regulations that will not allow others to take an acre of natural landscape for ash.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

Other: Massachusetts can ride the crest of the wave for saving world species' forests. Or, we can sink back into the 19th century of forest logging for profit ignorance..

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

We need a true lover of Massachusetts' forest using this strategy similarly to the directorship of the US Department of the Interior. Whatever strategy is adopted it must not be headed by business interests.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

L4: Develop Sequestration Accounting and Market Frameworks

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 11:13 am
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	24.2.147.144
Unique ID:	780717229
Location:	42.601100921631, -72.732696533203

Name	Patrick Conlin
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Please select the sectors and strategies on which you would like to comment. Land Sector Strategies

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	Given the fact that we currently need these resources, reducing domestic production will shift extraction elsewhere without our oversight. We must lead by example
--	--

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

Leave a comment or suggestion about this strategy.	Local wood from local forests to build local hits on so many levels. From the affordability of housing to supporting a fragile rural economy. Thank you for including this in the plan.
--	---

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Leave a comment or suggestion about this strategy.	Forest landowners provide many public benefits. It is about time we start discussing the real value of these benefits and support the stewards who do us all a immense service.
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 12:28 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.91.28.172
Unique ID:	780814815
Location:	42.389598846436, -72.453399658203

Name	Jodi Rodar
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Please select the sectors and strategies Land Sector Strategies
on which you would like to comment.

Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 12:32 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.91.28.172
Unique ID:	780818743
Location:	42.389598846436, -72.453399658203

Name	Jodi Rodar
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

Do you see any key DRAWBACKS to this strategy?	Yes
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Leave a comment or suggestion about this strategy.

Energy Sector Strategy: Resolve inconsistency between emissions reduction efforts and promotion of biomass energy by the State.

Modify Strategy E3 to eliminate all incentives for burning garbage and biomass which are both false climate solutions. Remove woody biomass from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), and the Clean Peak Standard. Eliminate funding for state programs that promote biomass burning.

Energy Sector Strategy: Correct errors in assuming that burning waste has zero emissions.

Modify the proposed Modeling and Emissions Accounting of Biogenic Fuels (appendix) to remove the false assumption that emissions from burning waste products, such as wood residues, will have zero emissions. This is a reversal of the findings from the 2010 Manomet study and has been scientifically disproven.

Land Sector Strategy: Adjust Public Land policies to reflect the critical role of forests.

The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

Land Sector Strategy: Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to

Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

Land Sector Strategy: Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Land Sector Strategy: Implement a Carbon Accounting Framework for reaching net-zero.

Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

L4: Develop Sequestration Accounting and Market Frameworks

General Comment or Letter Upload

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 12:40 pm
Browser:	Firefox 86.0 / OS X
IP Address:	24.60.161.10
Unique ID:	780826059
Location:	42.849601745605, -72.664398193359

Name	Richard Stafursky
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Affiliation (town or organization)	Species Forest Inc. land trust of Massachusetts
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

Benefits Other	No loss; not net loss.
-----------------------	------------------------

Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	Initiate a public policy to select proforestation for problem solving. Set aside 70 million dollars to set up, retask, or use, a CRISPR invasive woody plant lab to research forest immunization. Land immunization is using CRISPR to create a specific "poison" to kill one species and only on species by blocking the reading of DNA on the species (such as the hideous knotweed destroying all our rivers and streams). I suggest UMASS at Amherst (my alma mater, Zoology 1872). I suggest MIT or some other non-forestry lab.) .
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.

Not one more acre of Massachusetts public and private land harmed by clear cut, biomass, logging roads. Keep the acres that are free of logging roads free of logging roads. For Massachusetts to join the climate solutions now available it must work to stop expansion of logging into all forests which have now grown to be forests. Forest left alone are the best carbon sink and the best for all the other native forest species. End all forest extraction and transformation subsidies. I have not taken an acre of natural forest. You have not taken an acre of natural forest. Make regulations that will not allow others to take an acre of natural landscape for ash.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

Other: Massachusetts can ride the crest of the wave for saving world species' forests. Or, we can sink back into the 19th century of forest logging for profit ignorance..

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

We need a true lover of Massachusetts' forest using this strategy similarly to the directorship of the US Department of the Interior. Whatever strategy is adopted it must not be headed by business interests.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

L4: Develop Sequestration Accounting and Market Frameworks

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:23 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	38.242.8.149
Unique ID:	780866306
Location:	42.458599090576, -71.359703063965

Name	Matthew Root
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Affiliation (town or organization)	Integrated Eco Strategy
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:33 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	108.49.100.9
Unique ID:	780872422
Location:	42.197299957275, -71.44100189209

Name	Rich Rosenberry
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Affiliation (town or organization)	350 Mass
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I would like to limit my comments to 3 topics: 1- please move to 50% by 2030. We need urgent action 2- please do not use biomass as renewable source of energy 3- please prioritize net zero building codes
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:38 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	173.48.49.105
Unique ID:	780875295
Location:	42.34769821167, -71.038398742676

Name	Peter Skeffington
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Affiliation (town or organization)	Boston Resident
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
---	--

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and reduce vehicle-miles-travelled (VMT).
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	I support establishing a declining cap on heating fuel emissions. This program should be started as soon as possible.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	I strongly support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:44 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	71.174.177.141
Unique ID:	780878710
Location:	42.361598968506, -71.067398071289

Name	Jane Sloan
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Affiliation (town or organization)	Brighton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Unclear or not sure
---	---------------------

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Unclear or not sure
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:49 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.194.9.172
Unique ID:	780881240
Location:	42.284900665283, -73.214202880859

Name	Alan Papskun
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>False climate solutions of burning garbage and woody biomass should under no circumstances be subsidized.</p> <p>Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022.</p> <p>In order to meet our net-zero goals protecting our forests is essential for carbon storage. Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program.</p>
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 1:49 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	108.20.215.165
Unique ID:	780881259
Location:	42.287300109863, -71.352401733398

Name	Roger Luckmann
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Affiliation (town or organization)	Elders Climate Action
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
---	---

Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Commitments to improve transit and reduce VMT are not strong enough
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and reduce vehicle-miles-travelled (VMT).
---	---

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	The declining cap on heating fuel emissions is critical to the success of this strategy and should be implemented sooner than stated.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	I support establishing a declining cap on heating fuel emissions, and that such a program should be started as soon as possible.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Timeline for increase in CES requirement is not aggressive enough.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:04 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	173.48.171.231
Unique ID:	780888712
Location:	42.245098114014, -71.18399810791

Name	Kiersten Washle
-------------	-----------------

Affiliation (town or organization)	Hyde Park resident
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:23 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	96.233.60.128
Unique ID:	780899008
Location:	42.590801239014, -71.80549621582

Name	Ralph Baker
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Affiliation (town or organization)	Fitchburg, MA
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies Land Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Land Sector Strategies	L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
--	---------------------------------

Do you see any key DRAWBACKS to this strategy?	Yes
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.	Modify Strategy E3 to eliminate all incentives for burning garbage and biomass which are both false climate solutions. Remove woody biomass from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), and the Clean Peak Standard. Eliminate funding for state programs that promote biomass burning. Also, Modify the proposed Modeling and Emissions Accounting of Biogenic Fuels (appendix) to remove the false assumption that emissions from burning waste products, such as wood residues, will have zero emissions. This is a reversal of the findings from the 2010 Manomet study and has been scientifically disproven.
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Land Sector Strategies

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
Leave a comment or suggestion about this strategy.	Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

L4: Develop Sequestration Accounting and Market Frameworks

Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No

Leave a comment or suggestion about this strategy.

Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10 years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:30 pm
Browser:	IE 11.0 / Windows 7
IP Address:	72.104.1.64
Unique ID:	780902276
Location:	37.750999450684, -97.821998596191

Name	Susan Purser
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Affiliation (town or organization)	Concerned private citizen
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L3: Incentivize Regional Manufacture and Use of Durable Wood Products
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Land Sector Strategies

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
--	---------------------------------

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Forests must be left undisturbed so they can maximize their carbon sequestration. They should not be commodified.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Secretary Theoharides and the climate team,
Thank you for this opportunity to comment on the Clean Energy and Climate Plan for 2030. I appreciate the time and thought that has been put into the many aspects of this report.

Comments on Strategy L3

As a resident of Western Massachusetts, I was alarmed to read on page 51, Strategy L3, paragraph 3, that you propose "research into the feasibility of using common tree species in Western Massachusetts as CLT (cross-laminated timber) feedstock". My question is, why would the 2030 climate plan propose to cut down the very carbon sink that is so important for emission reductions?

The bottom line is that our society must drastically reduce our emissions over the next ten years or we face serious global consequences. Forests play a critical role if they are left undisturbed, as they absorb up to 20% of our CO2 emissions. Massachusetts, New Hampshire and Vermont form a very efficient carbon sink for the Northeast as they have not been extensively logged. Any systematic logging or "sustainable management" of these areas reduces this efficiency.

Theoretically speaking, how many acres of trees does it take to build an 18 story solid wood building? Would that entail cutting down the entire October Mountain Forest near me or perhaps just the Otis State Forest? Maybe the Peru State Forest would be enough. Although cross-laminated wood products are fine for small scale projects, it is irrational to cut large areas of timber for it during a climate crisis.

Another important question is, why build new tall buildings when we have a glut of vacant ones on the market due to the pandemic? The environmentally sound plan would be to retrofit the existing buildings as affordable apartments, artists' lofts or other living spaces instead of building brand new ones. The trend to rehab older triple decker houses by making them more energy efficient is another low carbon approach that avoids new construction.

One must remember that lumber and furniture retains only about 15% of its original carbon so keeping trees in their natural state absorbing 100% of the CO2, makes much more sense. Trees are one of our most important allies in the fight against climate change. Besides sequestration, forests are "working" at performing many valuable tasks such as providing wildlife habitat, water purification, soil retention as well as recreation and tourism dollars. Logging destroys all these functions.

I would request that you delete the last paragraph on page 51 in the "Strategy L3" section as large scale use of cross-laminated timber is not compatible with your forward looking climate plan.

In summary, what will people in 2050 say when they hear we cut down our carbon sink to make solid wood buildings? That's madness.

Respectfully,
Susan Purser
Becket, Ma
*****@hotmail.com

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:31 pm
Browser:	Firefox 86.0 / Windows
IP Address:	24.34.253.46
Unique ID:	780902917
Location:	42.489700317383, -71.15950012207

Name	Robert Rio
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Affiliation (town or organization)	AIM
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Attached are the comments of Associated Industries of Massachusetts. A copy was also emailed
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EROlmsGTIIFFo5nvzCLi32ABGIYQuhNhnTYDLXfhfoe4hA?name=/103686249_AIMcomments2030CECP.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:35 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	146.115.177.61
Unique ID:	780904827
Location:	42.372200012207, -71.178703308105

Name	Jess Charlap
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Affiliation (town or organization)	Perkins Eastman, Town of Watertown
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:47 pm
Browser:	Firefox 86.0 / Windows
IP Address:	24.62.201.211
Unique ID:	780910449
Location:	42.389598846436, -72.453399658203

Name	Deborah Reiter
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Affiliation (town or organization)	Amherst
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Please stop subsidizing the false climate solutions of burning garbage and woody biomass.

The state's decarbonization strategy falsely assumes that emissions from burning waste products, in particular wood residues, will have zero carbon emissions. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities.

Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.

Protecting forests is essential for carbon storage and meeting our net-zero goals.

The 2030 CECP fails to provide a coherent and workable plan that will ensure forests will be able to meet the challenge required to achieve carbon neutrality by 2050. Currently, the best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates. Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program. The plan should also include policies to reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote proforestation through the use of reduced taxation (Chapter 61C") and enrollment in carbon credit markets that provide non-timber income to property owners. Revise Strategy L3 to promote keeping forests intact and STOP promoting more consumptive uses of forests like developing a market for biomass energy and "junk wood," production of cross laminated timber (CLT) and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 2:48 pm
Browser:	Firefox 86.0 / Windows
IP Address:	8.2.72.106
Unique ID:	780911257
Location:	42.634201049805, -72.602600097656

Name	Jean Barrows
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Affiliation (town or organization)	Wendell Forest
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Cutting down trees instead of letting them grow and sequester carbon is a stupid idea. Cutting them down to burn them and create even more carbon in the air is absolutely INSANE!!
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Stop the insanity. Stop cutting our forests, which are a major part of keeping humanity alive and well on this small planet.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:00 pm
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	173.76.234.137
Unique ID:	780916760
Location:	42.616500854492, -71.577003479004

Name	John Fulreader
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	opportunity cost against other emission reduction strategies
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	public pushback to recommendations
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

General Comment or Letter Upload

Please leave a general comment about the CECP here.	As a homeowner who has recently invested in green energy upgrades to my home and personal transportation, I feel that the incentives are insufficient to convince most people to upgrade. Limitations to the MassSave program that exclude customers of municipal electric companies to more attractive incentives hurts the cause. Need more aggressive support of early adopters of clean energy. I also support aggressive moves towards disincentives for energy inefficiency -- ie large vehicles, unnecessary travel, ... via taxation and other means
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:01 pm
Browser:	Mobile Safari 14.0 / iOS
IP Address:	107.77.224.236
Unique ID:	780917647
Location:	40.758800506592, -73.968002319336

Name	Al Blake
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Affiliation (town or organization)	350ma-Berkshires
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Stop subsidizing the false climate solutions of burning garbage and woody biomass.

The state's decarbonization strategy falsely assumes that emissions from burning waste products, in particular wood residues, will have zero carbon emissions. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:26 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	72.168.128.166
Unique ID:	780929462
Location:	42.080699920654, -83.958702087402

Name	Dee Boyle-Clapp
-------------	-----------------

Please select the sectors and strategies General Comment or Letter Upload
on which you would like to comment.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

I am deeply concerned about the prospect of Bio-mass to create energy. We cannot meet any climate change goals by simultaneously cutting forests and burning trees/trash. We must use every possible space within our public forest lands, school spaces, parks and privately held land and yards to plant trees to sequester carbon.

My family has 120 acres of land, mostly forested, that we have put in a conservation restriction and have carefully managed. We all need to do a better job protecting our private and public lands and we must also use these final years to make a difference on the climate crisis and aggressively work to save trees and plant trees while we also work to increase renewable energy and decrease the carbon we each emit personally and through our work.

I fully agree with the following statement: Protecting forests is essential for carbon storage and meeting our net-zero goals.

The 2030 CECP fails to provide a coherent and workable plan that will ensure forests will be able to meet the challenge required to achieve carbon neutrality by 2050. Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program. The plan should also include policies to reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote proforestation through the use of reduced taxation (Chapter 61"C") and enrollment in carbon credit markets that provide non-timber income to property owners. Revise Strategy L3 to promote keeping forests intact and stop promoting more consumptive uses of forests like developing a market for biomass energy and "junk wood," production of cross laminated timber (CLT) and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Thank you for taking the climate crisis seriously and for placing forest protection at the forefront of addressing this crisis.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:32 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	173.166.78.205
Unique ID:	780932619
Location:	42.309898376465, -71.12020111084

Name	Gail Sullivan
-------------	---------------

Affiliation (town or organization)	Studio G Architects
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ef8QrjzIPKJFuHqIkv8mD2wBcKPu5l4aShmjPn5CwpFDKA?name=/103686249_20210319CleanEnergyclimateplan.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:36 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	96.72.60.206
Unique ID:	780934167
Location:	45.170799255371, -93.575798034668

Name	Justin Rathke
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Affiliation (town or organization)	Vergent Power Solutions, Inc.
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EeD9-3MEKX9OsLmoAaNuOUkBz2MO2MQhHxznRWctmrvgGg?name=/103686249_VergentPower_CECP_comments_3.17.21v2.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:36 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	73.17.150.211
Unique ID:	780934348
Location:	42.393100738525, -71.134498596191

Name	Susan Hartnett
------	----------------

Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
-------------------------------	--

Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Other state goals, including air quality benefits, quality of life, and equity, are advanced by investing in transit.
--	---

	More ambitious VMT reduction goals make 100% electric vehicle sales by 2035 more reachable by providing alternatives to car ownership.
--	--

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>A heating fuel emissions cap is the necessary foundation to support related policies such as building codes, Mass Save programs, and thermal electrification.</p> <p>It is critical to establish a cap as soon as possible to create sustainable funding for programs that replace fossil fuel heating systems with low-carbon alternatives, such as heat pumps.</p>

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030.</p> <p>Renewable energy is one of the easiest ways to reach 2030 carbon limits.</p> <p>Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030.</p> <p>Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.</p>

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:54 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.51.37.207
Unique ID:	780942485
Location:	38.756999969482, -77.148696899414

Name	Lee Anderson
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Affiliation (town or organization)	Utility Workers Union of America
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:56 pm
Browser:	Chrome 89.0.4389.82 / Windows 7
IP Address:	24.177.3.31
Unique ID:	780943546
Location:	41.781600952148, -72.180999755859

Name	Katherine Fite
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Affiliation (town or organization)	University of Massachusetts and Amherst League of Women Voters
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Land Sector Strategy: Revise incentives for protecting Private Forest Lands, Promote Proforestation.
---	--

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Pro-forestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

Land Sector Strategy: Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 3:57 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.51.37.207
Unique ID:	780944036
Location:	38.756999969482, -77.148696899414

Name	Lee Anderson
-------------	--------------

Affiliation (town or organization)	Utility Workers Union of America
---	----------------------------------

Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
---	----------------------------------

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ESft8_eKk3tluhnT2rLcGxkBC4VNuG3J8jf3NNzOLeaQiA?name=/103686249_UWUAMassachusettsComment.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:00 pm
Browser:	Chrome Mobile 89.0.4389.90 / Android
IP Address:	73.123.43.35
Unique ID:	780945614
Location:	42.524398803711, -71.765701293945

Name	Sussn Hirschfield
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Affiliation (town or organization)	Leominster
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Benefits Other	Please raise CES targets to 60 % and 100%. Very disappointed in MASS utility co slow walk to alternate clean energy shifft
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:05 pm
Browser:	Firefox 86.0 / Windows
IP Address:	96.236.116.3
Unique ID:	780947809
Location:	42.627101898193, -73.118698120117

Name	Chris Matera
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Affiliation (town or organization)	Massachusetts Forest Watch
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Due to the following land abuse by our State agencies, DFW and DCR, as shown here:

www.maforests.org

www.maforests.org/DFW.pdf

and the obstinate insistence of DOER to waste public money and ram dirty, polluting, forest damaging biomass down Massachusetts citizens throats in behalf of the timber and biomass industries, please include these comments for the land and Energy Sector strategies:

1. Energy Sector Strategy: Resolve inconsistency between emissions reduction efforts and promotion of biomass energy by the State.

Modify Strategy E3 to eliminate all incentives for burning garbage and biomass which are both false climate solutions. Remove woody biomass from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), and the Clean Peak Standard. Eliminate funding for state programs that promote biomass burning.

2. Energy Sector Strategy: Correct errors in assuming that burning waste has zero emissions.

Modify the proposed Modeling and Emissions Accounting of Biogenic Fuels (appendix) to remove the false assumption that emissions from burning waste products, such as wood residues, will have zero emissions. This is a reversal of the findings from the 2010 Manomet study and has been scientifically disproven.

3. Land Sector Strategy: Adjust Public Land policies to reflect the critical role of forests.

The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

4. Land Sector Strategy: Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

5. Land Sector Strategy: Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

6. Land Sector Strategy: Implement a Carbon Accounting Framework for reaching net-zero.

Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:08 pm
Browser:	Firefox 86.0 / Windows
IP Address:	73.60.174.33
Unique ID:	780949238
Location:	42.549301147461, -71.255798339844

Name	Richard Buhle
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
---	---

Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
------------------------------------	--

Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
--------------------------------------	--

Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Leave a comment or suggestion about this strategy.	<p>I support stronger commitments to improve transit and reduce vehicle-miles-travelled.</p> <p>Other state goals, including air quality benefits, quality of life, and equity, are advanced by investing in transit.</p> <p>More ambitious VMT reduction goals make 100% electric vehicle sales by 2035 more reachable by providing alternatives to car ownership.</p>
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Leave a comment or suggestion about this strategy.	<p>I support establishing a declining cap on heating fuel emissions, and that such a program should be started as soon as possible.</p> <p>A heating fuel emissions cap is the necessary foundation to support related policies such as building codes, Mass Save programs, and thermal electrification.</p> <p>It is critical to establish a cap as soon as possible to create sustainable funding for programs that replace fossil fuel heating systems with low-carbon alternatives, such as heat pumps.</p>
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E3: Align Attribute Markets with GWSA Compliance

Leave a comment or suggestion about this strategy.

I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030.

Renewable energy is one of the easiest ways to reach 2030 carbon limits.

Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030.

Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:09 pm
Browser:	Chrome 89.0.4389.72 / Windows
IP Address:	24.62.28.57
Unique ID:	780949441
Location:	42.393100738525, -71.134498596191

Name	Andrea Love
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Affiliation (town or organization)	Payette Associates
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

General Comment or Letter Upload

Please leave a general comment about the CECF here.

As an architect in the Commonwealth of Massachusetts representing Payette architecture firm, I understand the role and importance of decarbonizing the built environment. I want to thank you for the leadership in helping to mitigate the Commonwealth's impacts on climate change. While there are many great ideas and actions included as part of the plan, I feel the plan would be strengthened by:

- Addressing embodied carbon: Per Architecture 2030, embodied carbon is responsible for 11% of annual global GHG emissions. Between now and 2050, roughly one-third of GHG emissions from a typical new construction building will be from the embodied carbon. The path to decarbonizing emissions from the built environment needs to address policies and actions for embodied carbon. Establish a task force for embodied carbon, similar to the Task Force on Clean Heat & Cap Heating Fuel Emissions, in order to make policy recommendations for addressing and reducing embodied carbon.
 - Net Zero Stretch Code Available in 2022: Massachusetts communities are seeking a higher performance stretch code. Strengthen Strategy B1 to make an opt-in net zero code available to interested communities by 2022.
 - Prioritize Equity & Justice: Environmental Justice communities are most at risk from climate impacts and have the fewest resources to mitigate these risks. Prioritize analysis of cumulative impacts while reducing the burdens and increasing benefits to Environmental Justice populations and give them representation in the process. Make financing available to Environmental Justice communities to assist in energy efficient upgrades and conversion to non-fossil fuel heating systems.
-

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:37 pm
Browser:	Chrome 89.0.4389.72 / Windows
IP Address:	35.227.4.54
Unique ID:	780962396
Location:	38.658199310303, -77.249702453613

Name	Mark Kalpin
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Affiliation (town or organization)	Holland & Knight LLP, on behalf of the Longwood Medical Energy Collaborative, Inc.
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EWlwwM3c_yNHlEpqH_4nbygB9zWa2QMH-kcMaS2dkAK6AQ?name=/103686249_LMECCommentLetterontheMassachusettsCleanEnergyandClimatePlanfor2030.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:40 pm
Browser:	Firefox 86.0 / Windows
IP Address:	97.80.120.209
Unique ID:	780963943
Location:	42.186100006104, -72.525497436523

Name	Marvin J Ward
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Affiliation (town or organization)	Easthampton, MasBike, PVPC JTC
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
----------------------------------	---

Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	This is long overdue.
--	-----------------------

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

This is long overdue.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

This is long overdue.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

This is long overdue.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	This, too, is long overdue.
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	Also long overdue.
--	--------------------

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	Also long overdue.
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E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Another long overdue!

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	It's about time!!

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:41 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	69.126.127.157
Unique ID:	780964041
Location:	41.141201019287, -73.263702392578

Name	Lee Vardakas
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Affiliation (town or organization)	Dalkia Aegis/EDF Group
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
---	----------------------------------

General Comment or Letter Upload

Please leave a general comment about the CECP here.	While we support your efforts to reduce GHG emissions, we DO NOT encourage your ending incentives for highly efficient, clean Combined Heat and Power systems which actively reduce overall carbon emissions.
--	---

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ef3JIEY5xUdKs7Q4IFJPOugBhpuPBYRMiqodA_As8V3d6w?name=/103686249_AegisEnergyServices2021MACleanEnergyClimatePlan2030.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:43 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	69.126.127.157
Unique ID:	780964969
Location:	41.141201019287, -73.263702392578

Name	Lee Vardakas
-------------	--------------

Affiliation (town or organization)	Dalkia Aegis/ EDF Group
---	-------------------------

Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
---	----------------------------------

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ed1S9Vml8ztMpw_D_hxG2IMBTvIMv3GXpviXj7mnrzAgSg?name=/103686249_AegisEnergyServices2021MACleanEnergyClimatePlan2030+1.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 4:53 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	68.185.126.129
Unique ID:	780969447
Location:	42.058101654053, -71.846603393555

Name	Joseph Dumas
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Affiliation (town or organization)	Resident of Webster
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
--	--

Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
---	------------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
--	--

Do you see any key DRAWBACKS to this strategy?	Yes
--	-----

Please describe the drawbacks you see for this strategy.	Assumes personal low occupancy vehicle are a viable long term solution to the environmental effects of transportation.
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
--	---------------------

Leave a comment or suggestion about this strategy.

Personal vehicles with a single occupant are an inefficient use of transportation resources. Safe, affordable, clean, accessible public transportation is far more efficient. Prying people out of their cars and SUVs will be difficult so caps can be helpful for now. But ultimately we need to make high usage public transport a priority.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Assumes personal low occupancy vehicle are a viable long term solution to the environmental effects of transportation.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Personal vehicles with a single occupant are an inefficient use of transportation resources. Safe, affordable, clean, accessible public transportation is far more efficient. Prying people out of their cars and SUVs will be difficult so caps can be helpful for now. But ultimately we need to make high usage public transport a priority.

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Any incentives to convert from fossil fuel heating needs to allow a longer time frame for most homeowners. If you have a newer heating system, you need some years to payback your cost. Best time to upgrade or convert is at system failure.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Renewable energy is one of the easiest ways to reach 2030 carbon limits. Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030. Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Expanded non-nuclear renewable energy is cleaner than fossil fuels and has a great impact in lowering total lifecycle GHG emissions. Often the most polluted communities are lower income. Any community can install solar. And many in Massachusetts are suitable for wind energy. Let's decentralize our energy generation.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Expanded non-nuclear renewable energy is cleaner than fossil fuels and has a great impact in lowering total lifecycle GHG emissions. Often the most polluted communities are lower income. Any community can install solar. And many in Massachusetts are suitable for wind energy. Let's decentralize our energy generation.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 5:08 pm
Browser:	Safari 14.0 / OS X
IP Address:	24.218.181.67
Unique ID:	780975410
Location:	42.485298156738, -71.441802978516

Name	Richard Keleher
Affiliation (town or organization)	Boston Society of Architects
Please select the sectors and strategies on which you would like to comment.	<div>Transportation Sector Strategies</div> <div>Buildings Sector Strategies</div> <div>Electricity Sector Strategies</div> <div>Land Sector Strategies</div> <div>General Comment or Letter Upload</div>
Transportation Sector Strategies	<div>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</div> <div>T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards</div> <div>T3: Reduce Upfront ZEV Purchase Cost Burden</div> <div>T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging</div> <div>T5: Engage Consumers & Facilitate Markets</div> <div>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</div>
Buildings Sector Strategies	<div>B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant</div> <div>B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems</div> <div>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</div>
Electricity Sector Strategies	<div>E1: Fill Current Standards & Execute Procurements</div> <div>E2: Develop and Coordinate Regional Planning and Markets</div> <div>E3: Align Attribute Markets with GWSA Compliance</div> <div>E4: Continue to Deploy Solar in Massachusetts</div> <div>E5: Develop a Mature Offshore Wind Industry in Massachusetts</div> <div>E6: Incorporate GWSA into Distribution-Level Policy Considerations</div>
Land Sector Strategies	<div>L1: Protect Natural and Working Lands</div> <div>L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration</div> <div>L3: Incentivize Regional Manufacture and Use of Durable Wood Products</div> <div>L4: Develop Sequestration Accounting and Market Frameworks</div>
Transportation Sector Strategies	

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E3: Align Attribute Markets with GWSA Compliance

To what extent do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

General Comment or Letter Upload

Please leave a general comment about the CECP here.

For Building Sector Strategies:

B1: Avoid Lock-in of Building Systems that are Not 2050 Compliant - BSA Strongly Supports this Strategy

B2: Pivot the Market for Building Envelope Retrofits & Clean Heating Systems - BSA Strongly Supports this Strategy

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions - BSA Supports this Strategy

For General Comment Section:

As an architect/building professional in the Commonwealth of Massachusetts representing the Boston Society of Architects, I understand the role and importance of decarbonizing the built environment. I want to thank you for the leadership in helping to mitigate the Commonwealth's impacts on climate change. While there are many great ideas and actions included as part of the plan, I feel the plan would be strengthened by:

Addressing embodied carbon: Per Architecture 2030, embodied carbon is responsible for 11% of annual global GHG emissions. Between now and 2050, roughly one-third of GHG emissions from a typical new construction building will be from the embodied carbon. The path to decarbonizing emissions from the built environment needs to address policies and actions for embodied carbon. Establish a task force for embodied carbon, similar to the Task Force on Clean Heat & Cap Heating Fuel Emissions, in order to make policy recommendations for addressing and reducing embodied carbon.

Net Zero Stretch Code Available in 2022: Massachusetts communities are seeking a higher performance stretch code. Strengthen Strategy B1 to make an opt-in net zero code available to interested communities by 2022.

Prioritize Equity & Justice: Environmental Justice communities are most at risk from climate impacts and have the fewest resources to mitigate these risks. Prioritize analysis of cumulative impacts while reducing the burdens and increasing benefits to Environmental Justice populations and give them representation in the process. Make financing available to Environmental Justice communities to assist in energy efficient upgrades and conversion to non-fossil fuel heating systems.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 5:36 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	73.47.218.101
Unique ID:	780985731
Location:	42.287300109863, -71.352401733398

Name	Christopher Cook
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Affiliation (town or organization)	City of Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EVWvqDMFIpFOoWI0BmAoOrYBhOBYOG01orCf7Xg_pZIKUQ?name=/103686249_CityofBostonCommentLetteron2030InterimCECP.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 6:36 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	66.30.175.51
Unique ID:	781005204
Location:	42.079601287842, -71.038200378418

Name	Bonnie Miskolczy
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Affiliation (town or organization)	Carlisle, MA
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E2: Develop and Coordinate Regional Planning and Markets E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	reduce market for fossil fuels
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Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
Leave a comment or suggestion about this strategy.	Any additional expense is well worth it. There will be savings, especially in better health.

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
Benefits Other	will reduce market for fossil fuels
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
---	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 7:08 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	66.30.37.177
Unique ID:	781015072
Location:	42.500198364258, -70.865196228027

Name	Natalie (Natasha) Grigg
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Affiliation (town or organization)	Boxford member of: Cons Com, BTA/BOLT, CPC, Land Acquisition Committee
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Dear EEOC,</p> <p>I would encourage you to support all aspects of the CECP in order to move Massachusetts to a more sustainable existence.</p> <p>Thank you.</p> <p>Natalie (Natasha) Grigg</p> <p>Boxford, MA</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 7:58 pm
Browser:	Firefox 86.0 / Windows
IP Address:	108.7.202.240
Unique ID:	781030684
Location:	42.395500183105, -71.181602478027

Name	Joshua R. Burson
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Affiliation (town or organization)	Belmont
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Dear Secretary Theohardies,

Thank you for accepting public input on the interim 2030 Clean Energy and Climate Plan Please incorporate the following suggestions into the final 2030 CECP.

- The CECP should lead with an equity-focus on each policy.

Environmental justice communities and energy burdened residents must be prioritized in the state's work to cut emissions. Impacts should also be measured to ensure equity of access.

- Clarify the obligations of cities and towns. The plan should be a master plan that provides a centralized statement of necessary municipal actions and obligations.
- The plan should call for an annual progress report on metrics that are easily discerned, such as the number of new EVs on the road and rebates awarded and the amount of TCI-P revenue invested in underserved and overburdened communities.
- Additionally, Canada's indigenous people should not bear the brunt of our decarbonization plan. The 2030 CECP should not include electricity from Canadian Mega-Dams.

Transportation

- The 2030 CECP should set 100% electrification targets for transit and school buses (2030), commuter rail (2035), and municipal and state (2035) fleets
- The 2030 CECP should include a new strategy action focused on public transit and active transportation options like biking and walking. In addition, mixed-use development near transit and active mobility options is critical to reducing vehicle miles traveled (VMT).
- The Commonwealth should immediately invest in additional public transportation services in all parts of the state.
- The Commonwealth should commit to offering the MOR-EV rebate at the point of purchase by 2021 and implement a new and used EV rebate program for moderate-and low-income residents by 2022.
- Massachusetts should begin TCI-P equity work immediately and create a detailed plan for public engagement and decision making process on how TCI-P revenue will be spent, indicating investment targets for transit, walking, and biking infrastructure. In addition, the 2030 CECP should commit to increasing investment of TCI-P proceeds in EJ communities from 35% to at least 70%.
- Adopt higher sales targets of the Advanced Clean Truck (ACT) Rule and commit to 50% of medium-and heavy-duty vehicle sales being electric by 2030 and 100% zero-emission sales by 2045.

Buildings

- The 2030 CECP should establish net-zero opt-in stretch code in 2022 and statewide base code adoption by 2025.
- The plan must stop all fossil fuel incentives through MassSave by 2022.
- Set mandatory GHG emissions reduction limits on the building sector statewide by 2022 (enforcement starting by 2025) via a declining limit on CO2e from heating fuel suppliers and investment in comprehensive whole

home retrofits for low and moderate income households and small businesses that include health and safety repairs, weatherization, and electrification.

- Finally, a climate bank funding program should be created to help pay for the transition.

Electric Generation

- The 2030 CECP should raise the clean energy standard to 100% renewable electricity by 2035, including a minimum target of 9300 MW of solar by 2030.
- Create targeted incentive programs for local renewable electricity for low and moderate-income, energy burdened residents, and residents of EJ communities. These communities should receive at least 50% of statewide clean energy investments at no cost.
- Do an assessment of grid infrastructure upgrade needs for electrification of housing and transportation and significant additional renewable generation by 2022 and start implementation in 2023 with a prioritization investment in low income communities at no costs to energy burdened residents.
- Stop further procurements of electricity from large Canadian hydro generators.

Sincerely,
Joshua R. Burson

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 7:58 pm
Browser:	Firefox 86.0 / OS X
IP Address:	72.93.242.130
Unique ID:	781030685
Location:	42.181999206543, -71.309997558594

Name	Michael Killoran
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies Land Sector Strategies
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Transportation Sector Strategies	T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Transportation Sector Strategies

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Non-Energy Sector Strategies

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 8:24 pm
Browser:	Mobile Safari 13.1.2 / IOS
IP Address:	71.192.32.63
Unique ID:	781037714
Location:	42.329399108887, -72.693901062012

Name	Tedric Eiseman
Affiliation (town or organization)	Williamsburg
Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies Land Sector Strategies
Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T3: Reduce Upfront ZEV Purchase Cost Burden T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
Electricity Sector Strategies	E5: Develop a Mature Offshore Wind Industry in Massachusetts
Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L4: Develop Sequestration Accounting and Market Frameworks
Transportation Sector Strategies	
T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions	
To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.

Drastically reducing the cost of commuter train tickets would make it viable and more efficient it is prohibitively expensive for a family to travel this way at this time and the cars are often half empty.
Also electric cars are excellent and so quiet. They should be encouraged and made more affordable in any way possible, and development of bigger traditionally diesel vehicles in an electric mode should be prioritized (Busses, delivery vehicles, etc)

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

I consider them benefits

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 1. Strongly support

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Electricity Sector Strategies

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Unclear on the effects to marine wildlife and their migrations. Also potentially susceptible to storms and extreme weather

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Leave a comment or suggestion about this strategy.	<p>It is imperative to disincentivize large solar fields in what is now forest and farm land. This has been a terrible and misguided casualty of the move toward solar.</p> <p>The inverse of this is rooftop solar should be mandated on ALL new construction, especially commercial big box structures. And parking lots are an existing obvious site from both an engineering and environmental perspective.</p>
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L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Leave a comment or suggestion about this strategy.	<p>The roll back of RPS regulations is abominable. In particular, there is nothing green or progressive about biomass! It amounts to the opposite of carbon sequestration, and epitomizes environmental injustice... an example of this would be the proposed Palmer Biomass catastrophe that should be abandoned. Springfield deserves better. We all can do better</p>
--	--

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Hold polluters accountable. Reward advancements and disseminate knowledge.

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 8:44 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	73.149.18.106
Unique ID:	781043401
Location:	42.364601135254, -71.102798461914

Name	Peter Kirby
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Affiliation (town or organization)	Climate XChange Education & Research Inc.
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

We urge you to take strong action in reducing greenhouse gas emissions and pollution originating from the buildings sector. We agree with EEA that the proposed heating fuel emissions cap (HFEC), included as Strategy B3 in table 4 on page 29, and discussed further on pages 32 to 33, is essential to reaching the 9.4 MMTCO₂e cut in emissions from buildings by 2030 contained in the draft CECP. This is the largest cut by sector, compared to the 7.8 to 8.1 from transportation and 4.2 to 5.1 from electricity from 2017 to 2030.

Along with RGGI in electricity and the Transportation and Climate Initiative Program, the HFEC would bring market-based climate policy to all major sectors of the economy. DOER must not delay in convening the Commission on Clean Heat and Task Force on Clean Heat, and must endow these bodies with a strong mandate to implement the cap beginning in 2023, with declining cap levels over time to reach the 9.4 MMTCO₂e reduction by 2030.

The buildings-sector emissions are some of the hardest ones to reduce, and require swift and decisive action now so that new construction in Massachusetts will benefit from decreased costs of energy, and our communities can see reductions in localized air pollution caused by the burning of fossil fuels.

In addition, the revenues generated through the sale of emissions permits must be used equitably to protect low-income people and environmental justice communities, through both rebates and assistance in making their homes more energy efficient and converting their heating to non-fossil fuel systems.

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Eepx_Konp-xClnwLFJbRub0BCzQhao4Z8U2wA9NUXR7sxQ?name=/103686249_CXCCECPresponse19mar21.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 19, 2021 9:00 pm
Browser:	Firefox 86.0 / OS X
IP Address:	108.20.176.47
Unique ID:	781046909
Location:	42.311698913574, -71.272201538086

Name	Peter Katz
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
---	---

Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
------------------------------------	--

Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
--------------------------------------	--

Transportation Sector Strategies

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and reduce vehicle-miles-travelled.
---	---

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Leave a comment or suggestion about this strategy.

I support establishing a declining cap on heating fuel emissions. Such a program should be started as soon as possible.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 7:32 am
Browser:	Chrome Mobile 89.0.4389.90 / Android
IP Address:	24.2.147.144
Unique ID:	781136960
Location:	42.601100921631, -72.732696533203

Name	Kate Conlin
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Please select the sectors and strategies on which you would like to comment. Land Sector Strategies

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Long-term forest health and diversity of habitat
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
--	---

Benefits Other	Ecosystem health and sustained carbon storage go hand-in-hand
----------------	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 7:36 am
Browser:	Mobile Safari 12.1.2 / iOS
IP Address:	73.69.177.3
Unique ID:	781137734
Location:	42.389598846436, -72.453399658203

Name	David Glassberg
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Affiliation (town or organization)	Amherst
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	burning biomass increases the rate of greenhouse gas emissions compared to allowing these forest materials to decompose in place
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.	Burning biomass (woody brush and scrap wood) greatly increases the rate of CO2 and methane emissions compared to just allowing these materials to decompose in place over time. Burning also concentrates toxic elements released in the immediate location of the biomass generating facility, which so far has only been considered for Springfield, a majority poor people and people of color city with an asthma rate over twice the state average. No credible scientific study concludes that burning biomass reduces overall greenhouse gas emissions so this form of electricity generation has no place whatsoever in the state's portfolio of acceptable and tax-subsidized renewable energy options.
---	--

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 8:45 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	142.79.193.12
Unique ID:	781152159
Location:	40.569801330566, -79.764801025391

Name	Jeffrey Steinfeld
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Affiliation (town or organization)	Boston -- and -- MIT Alumni for Climate Action
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Dear Governor Baker,
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I write as a member of MIT Alumni for Climate Action. At a recent MIT Forum on decarbonization, Professor Maria Zuber, recently named as co-chair of President Biden's Council of Advisors on Science and Technology, remarked on the Venture Capital mantra "Go big or go home". Well, the Earth is our home and we have nowhere else to go, Mr. Musk's and Mr. Bezos' fantasies notwithstanding. So I urge you to go big by signing the CECP.

Jeffrey I. Steinfeld
Boston Ward 3 Precinct 5

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 9:48 am
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	141.126.248.154
Unique ID:	781167634
Location:	42.186100006104, -72.525497436523

Name	Christine Erb
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Please select the sectors and strategies on which you would like to comment. Transportation Sector Strategies

Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and reduce vehicle-miles-travelled (VMT).
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 9:49 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	68.116.188.99
Unique ID:	781167903
Location:	42.270599365234, -71.847900390625

Name	Denis Mahoney
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Affiliation (town or organization)	Holden
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies Land Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Land Sector Strategies	L1: Protect Natural and Working Lands
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
--	---------------------------------

Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	<p>Emissions from burning waste products, in particular wood residues, is not carbon neutral. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities.</p> <p>Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.</p>
---	--

Leave a comment or suggestion about this strategy.

Emissions from burning waste products, in particular wood residues, is not carbon neutral. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 5. Strongly oppose

Leave a comment or suggestion about this strategy.

Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program. The plan should also include policies to reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote proforestation through the use of reduced taxation (Chapter 61"C") and enrollment in carbon credit markets that provide non-timber income to property owners. Revise Strategy L3 to promote keeping forests intact and stop promoting more consumptive uses of forests like developing a market for biomass energy and "junk wood," production of cross laminated timber (CLT) and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity.

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 9:51 am
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	141.126.248.154
Unique ID:	781168443
Location:	42.186100006104, -72.525497436523

Name	Christine Erb
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Please select the sectors and strategies on which you would like to comment.

Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Leave a comment or suggestion about this strategy.	I support establishing a declining cap on heating fuel emissions, and this should be started as soon as possible.
---	---

A heating fuel emissions cap is necessary to support related policies such as building codes, Mass Save programs, and thermal electrification. It is critical to establish a cap as soon as possible to create sustainable funding for programs that replace fossil fuel heating systems with low-carbon alternatives, such as heat pumps.

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 9:54 am
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	141.126.248.154
Unique ID:	781169296
Location:	42.186100006104, -72.525497436523

Name	Christine Erb
------	---------------

Please select the sectors and strategies on which you would like to comment.

Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Leave a comment or suggestion about this strategy.	<p>I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030.</p> <p>Renewable energy is one of the easiest ways to reach 2030 carbon limits. Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030. If Rhode Island is seriously considering going 100% renewable by 2030, Massachusetts should, too.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 10:11 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	75.69.240.53
Unique ID:	781173864
Location:	42.588798522949, -71.441596984863

Name	Robert Zogg
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Affiliation (town or organization)	HeatSmart Alliance
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
--	--

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

B2 Strategy Actions - work with Mass Save to develop a more holistic approach that combines incentives for building efficiency and heat pumps:

The second bullet point in the plan's B2 Strategy Actions breakout box, p.31, states "DOER will work to increase electrification through Mass Save programs through air source and ground source heat pump incentives and consumer education in 2022-2024." Proper sizing of heat pumps is more sensitive to building heat loss than for conventional heating systems. Therefore, building envelope measures should be taken before or in conjunction with designing a heat pump solution. The B2 Strategy Actions only mentions building envelope measures in the third bullet, in connection with renters and homeowners in EJ communities. We urge modifying the second bullet to encompass a more holistic approach that incentivizes more aggressive thermal enclosure upgrades than Mass Save has traditionally supported and heating electrification for all constituencies.

B2 Strategy Actions - involve HVAC installers as critical stakeholders

The listed actions omit any mention or involvement of HVAC installers who are especially critical in the residential market. HVAC installers can both benefit from and impede heat pump adoptions. In our experience, many installers are reluctant to recommend heat pumps. Even installers who have had more experience with heat pumps tend to discourage their use when outdoor temperatures go below freezing. In many homes, this results in at most 50% displacement of combusted-fuel use for heating when in fact the installed heat pump would be capable of operating at below-freezing temperatures and displacing 80% or more of the combusted-fuel use. We believe installers take this overly cautious position out of concern that they will receive customer callbacks and complaints after heat pump installation if the system does not provide adequate heat on colder days. As stated in the interim plan, few installers are comfortable proposing 100% heat pump solutions.

This goes beyond certification or workforce training, which is addressed in the last bullet of the B2 Strategy Actions breakout box. These strategy actions should explicitly support establishment of policies, installer outreach and education programs, and incentives that encourage installers to propose and set up heat pump systems that displace 80% or more of combusted-fuel use. The DOER's Home MVP pilot program is a possible model for involving installers, encouraging a single point of contact for homeowners, and taking a holistic approach to incentivizing thermal enclosure improvements and heat pumps based on site energy savings.

B2 Strategy Actions - add an action to rigorously collect energy use data

While electricity and natural gas are provided by public utilities, delivered fuels (fuel oil and propane) are provided by private companies, which raises a huge barrier to collecting "real-time" data on delivered fuel use by individual buildings. Such data will be essential to tracking overall progress

toward emissions goals and, more importantly, measuring the effectiveness of programs that are intended to implement these strategies. Frequent, accurate measurements of overall progress and program effectiveness are necessary for establishing rapid feedback loops, and these are essential for achieving mandated emissions reductions in the relatively short time available between the present and 2030.

At least one of the strategy actions should explicitly address this data collection and measurement challenge, and result in a new program of mandatory or widespread voluntary data collection of energy use, including delivered fuels, by individual buildings. Data collection and measurement may be implied by the strategy actions as written, but are not explicitly mentioned.

Strategy B2 - allow flexibility on how fossil-fuel displacement is achieved

The CECP should consider a 'thermal enclosure first' strategy. While many building improvements may be initiated by consumers with combustion equipment nearing or at end of life, this waiting game sacrifices major opportunities for emissions reductions in the preceding years. Significant emissions reductions can be achieved by reducing demand through improvements in thermal enclosures. Improvements in thermal enclosures should be a priority in all commercial and residential buildings where deficiencies exist relative to benchmarks. With the thermal enclosure improved first, systems can be designed, and heat pumps can be sized for optimal performance, decreasing both first and operational costs. To realize deeper heating load reductions requires more up-front investment in the thermal enclosure, but delivers greater long-term societal benefit. Therefore, appropriate financing mechanisms should be considered for measures that go substantially beyond conventional weatherization to deliver deeper energy savings. Heating load minimization can reduce demands on generation, storage, transmission and distribution, and will optimize comfort, resiliency and energy costs.

Some Combustion Heating: It is our understanding, from private communication with EEA, that the target GHG emissions reduction from Thermal Electrification (Table 4) assumes a large number of 100% heating electrification conversions. We encourage the EEA to consider the opportunity to accelerate heat pump adoption by accommodating dual-fuel systems, allowing a small amount of combusted-fuel use in some existing homes. Combusted-fuel heating could be valuable for use in homes that are difficult and/or expensive to retrofit to 100% electric heating, for demand-response capability, occasional very-low-temperature weather, and islanded resiliency in event of grid unavailability.

Optimize Time to Delivered Emissions Reduction: The 'electrification' of 1 million existing homes by 2030 requires a rapid transformation that is best initiated as soon as possible. Consider accelerating to the end of 2021 strategy actions that involve eliminating incentives for replacement of

combustion heating equipment. Make incentives for thermal enclosure improvement more attractive when combined with heat pump retrofit, and provide appropriate financing. The strategy actions should support:

- Educating the public on the implications of the CECP, so they can begin considering and planning their retrofit projects.
- Skilled technical assistance to homeowners to facilitate education and project planning.
- Incentives for homeowners to be interviewed and share energy-use bills.
- Post-project review and analysis, especially in early stages of the retrofit program to optimize the program going forward.
- Publishing energy and GHG reduction data on an annual basis to track performance against targets, and taking corrective action when data indicate adjustments be made.

Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Leave a comment or suggestion about this strategy.

B3 Strategy - address heat pump operating cost disadvantage versus natural gas

Strategy B3 is key to each of the building sector GHG emissions reductions targets. B3 recognizes the "immense challenge in terms of scale and logistics" for the building sector and notes there is "not a one-size-fits-all solution." We agree--the building sector is the most challenging component of the state's GHG emissions reduction targets both for 2030 and ultimately to achieve net zero by 2050. Also, as recognized by the CECP, the Clean Heat Commission must be an interagency task force with overall oversight for the building sector to ensure a comprehensive policy that avoids siloed initiatives. Because of the urgency of the situation, we recommend the dates proposed in B3 be accelerated and that multiple ideas be piloted as quickly as possible to determine the most effective. Example pilot programs we found promising were the Home MVP program and the MassCEC HeatSmart initiative.

Finally, neither the CECP nor the Building Technical Report sufficiently address the current disparity between the operating cost using gas heating versus heat pumps. The solution may include bundling incentives for heat pumps and thermal enclosure upgrades sufficient to offset the higher operational cost of heat pumps compared to natural gas.

B3 Strategy - support workforce transition from the fossil-fuel industry to the clean energy economy

In 2019, the industry supplying fossil fuels to buildings supported over 11,000 jobs in Massachusetts (from U.S. Energy and Employment Report 2019 - Massachusetts Energy and Employment--2019). The state will achieve its decarbonization goals faster, easier, and with less economic disruption if the state facilitates the transition of these workers to jobs that support the state's goals. We recommend including in the CECP approaches to facilitate this transition. One example of such an approach is the GeoMicroDistrict concept developed by the Home Energy Efficiency Team (HEET) (see <https://heet.org/geomicrodistrict/>). This approach transitions natural-gas delivery companies from delivering natural gas to delivering thermal energy extracted from the ground. Heat pumps located in homes and buildings would extract heat from (or reject heat to) the thermal energy loop to provide heating (or cooling) services.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

General Request: provide more detail on the underlying assumptions for the GHG emissions targets

For the Buildings Sector, the only information provided in the CECP for the GHG emissions reduction is Table 4, which provides Metrics and target GHG emissions reduction for four building subsectors. However, this data is not sufficient to understand how the Metrics achieve the target reductions. We highly recommend adding this information to the CECP by inclusion or reference to other documents. Underlying information that would be helpful includes:

- Do the metrics and emission reduction targets in the CECP align with any of the pathways discussed in the Building Sector Technical report of the 2050 Roadmap?
- How clean is electricity in 2030?
- For the one million households retrofit to electric heating, what is the breakdown of heating fuels used prior to the retrofit? The same question for the 300-400 million square feet of commercial real estate retrofit to electric heating.
- What percent of combusted-fuel heating is displaced in the residential and commercial retrofits to electric heating?
- What level of thermal enclosure upgrades is assumed for the residential and commercial retrofits to electric heating?
- What are the underlying assumptions leading to the GHG emissions reduction from decarbonized fuel blending?

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQP5RkdTbnRHIlv2UfJlyYQBHCo3EB5WQr2adDc75JqZyA?name=/103686249_HeatSmartAllianceGeneralComment.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 10:42 am
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	24.62.109.141
Unique ID:	781182523
Location:	42.458599090576, -71.359703063965

Name	Mary Metzger
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies General Comment or Letter Upload
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Land Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	I support a bold Clean Energy and Climate Plan for 2030 with these changes: * Biomass burning should not be considered renewable energy as the state's own studies from 2010 disproves this. *Forests on public lands should not be commercially exploited but reserved for carbon storage potential. * Incentives should be devised for private forest lands to promote saving Mature & Intact Forests (proforestation). * Farmlands and wetlands should also be prioritized for carbon storage and other benefits.
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 1:26 pm
Browser:	Chrome 89.0.4389.90 / Windows 7
IP Address:	72.70.55.116
Unique ID:	781225356
Location:	37.750999450684, -97.821998596191

Name	David Butz
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Please select the sectors and strategies Electricity Sector Strategies
on which you would like to comment.

Electricity Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 2:59 pm
Browser:	Firefox 86.0 / OS X
IP Address:	72.227.112.125
Unique ID:	781246932
Location:	44.079700469971, -71.632598876953

Name	Geoffrey Hyatt
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	<p>Transportation Sector Strategies</p> <p>Buildings Sector Strategies</p> <p>Electricity Sector Strategies</p> <p>Non-Energy Sector Strategies</p> <p>Land Sector Strategies</p> <p>General Comment or Letter Upload</p>
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Transportation Sector Strategies	<p>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</p> <p>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</p>
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Buildings Sector Strategies	<p>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</p>
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Electricity Sector Strategies	<p>E3: Align Attribute Markets with GWSA Compliance</p> <p>E4: Continue to Deploy Solar in Massachusetts</p> <p>E5: Develop a Mature Offshore Wind Industry in Massachusetts</p>
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Land Sector Strategies	<p>L1: Protect Natural and Working Lands</p> <p>L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration</p> <p>L4: Develop Sequestration Accounting and Market Frameworks</p>
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Non-Energy Sector Strategies

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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**In which area(s) do you see key
BENEFITS from this strategy?**

Choose all that apply = GHG Emissions Reductions

**Do you think the BENEFITS of this
strategy outweigh its DRAWBACKS?**

Yes

General Comment or Letter Upload

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 7:31 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	68.114.52.195
Unique ID:	781300269
Location:	42.202701568604, -71.681297302246

Name	Claire Schaeffer-Duffy
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Affiliation (town or organization)	Worcester MA
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	I support a declining cap on heating fuel emissions and hope the program can be started as soon as possible.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Batteries used in solar panels complicate this option. I hope its possible to procure batteries that are responsibly produced.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	When my husband and I visited England in 2018, we were impressed with the plethora of wind farms off the southern and western coasts of England. If little England can do it, so can we.

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 7:58 pm
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	24.61.184.184
Unique ID:	781305207
Location:	42.380001068115, -71.13289642334

Name	Alex Hershey
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and to reduce vehicle miles traveled.
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 8:00 pm
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	24.61.184.184
Unique ID:	781305591
Location:	42.380001068115, -71.13289642334

Name	Alex Hershey
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Leave a comment or suggestion about this strategy.	We must adopt a declining cap on heating fuel emissions -- and begin this program immediately.
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 8:01 pm
Browser:	Chrome 89.0.4389.90 / Windows 8.1
IP Address:	24.61.184.184
Unique ID:	781305746
Location:	42.380001068115, -71.13289642334

Name	Alex Hershey
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

Leave a comment or suggestion about this strategy.	I support a rapid expansion of CES to 100% by 2030. We must act on this now.
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Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 8:09 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	71.174.17.24
Unique ID:	781307109
Location:	42.724601745605, -70.978996276855

Name	Marcia Hart
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Affiliation (town or organization)	350 North Shore node, ECA
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 3. Neutral
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Eco-restoration
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>The land use part of the CECP has needs additional reference points and does not do enough. The best way to explain how I wish you would considering the issues in the land section is to ask you to watch this 3 minute video</p> <p>https://youtu.be/Q8B4tST8ti8</p>
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I don't know how to underline it so you can just click on it but I ask you to please copy and paste it so you can view my comment.

It is such a great video of how I see the overall problem and solution sets.

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 10:12 pm
Browser:	Firefox 86.0 / Windows
IP Address:	209.6.42.147
Unique ID:	781327091
Location:	42.390800476074, -71.092498779297

Name	Grace Hall
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Affiliation (town or organization)	UU Mass Action,
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Land Sector Strategies
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Transportation Sector Strategies	T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Electricity Sector Strategies	E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Transportation Sector Strategies

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Focus on delivery trucks and buses being ZEVs. With stop-and-start driving, frequent stops, and often being in urban areas, these are key vehicles to consider. This is an equity issue and will make this strategy much more equitable.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	DOER will explore providing MOR-EV rebates at point of sale in 2021. (If not possible in 2021, when? Indicate it will happen.) * EEA and MassCEC will investigate development of a low and moderate income (LMI) consumer program for ZEVs. (Change wording from 'will develop', to 'will investigate')

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	EEA and DOER will explore (replace 'explore' with 'develop') a utility-based residential charging incentive program. • EEA, DOER, and MassCEC will address how to improve DCFC financial viability through pilot projects and seeking to resolve alter (replace 'seeking to resolve alter' with 'finding a way to resolve') current punitive rate structures.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	EEA will explore additional ways to (delete 'explore additional ways to') raise consumer awareness of the ownership benefits of electric vehicles. Also include the idea of educating developers (architects and construction companies) on how the changes in construction will affect them. From what I hear, developers tend to discourage customers from trying anything different, citing huge extra costs (which may not be valid). Developers assume anything new will be much more expensive and are hesitant to move into new territory. This is an important area for education.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	EEA, MassDEP, and MassDOT will explore (replace 'explore' with 'find') options to incentivize or require reductions to single-occupancy vehicle commuting

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>DOER will work to eliminate Mass Save® incentives for fossil fuel equipment in new construction in 2022 and align incentives with a high-performance (please define 'high-performance' in terms of numbers or other specifics) building code including incentives for Passive House construction. (Add provision that all new construction or gut renovations must be electric-ready, with wiring or conduits in place, to avoid major renovation within a few years. I present this as a resident in a fairly new gas building where it is impossible to install any electric appliance that requires 240 v)</p> <p>Using a phased approach...starting in 2022, and that is effective as the statewide energy code no later than 2028 (This seems late. How about 2026?)</p>

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Electricity Sector Strategies

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes

Please describe the drawbacks you see for this strategy.	The only problem I see is pushback from some residents in the area if visible from shore and delays in permitting. I'd suggest going fast in case the situation in Washington changes in a few years.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<ul style="list-style-type: none"> • EEA and its agencies will commence planning (replace 'will commence planning' ...with 'will plan how') to procure, construct, and interconnect an additional 6 GW of offshore wind...

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>In previous proceedings, the Department of Public Utilities found that many grid modernization options, ...were not cost effective, although continued evolution of this technology and/or changes in how DPU accounts for decarbonization goals could alter this dynamic (please add 'and will continue to be monitored'. These approaches are important and should not be lost sight of, particularly as technology is moving so fast these days.)</p> <p>MassDEP will explore (replace 'explore' with 'develop')additional regulations to minimize SF6..</p>

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<ul style="list-style-type: none"> • As part of the Resilient Lands Initiative, EEA will explore creating and funding (replace 'will explore creating and funding' with 'will explore and fund') an expanded suite of incentive-based programs designed to achieve no net-loss of forest and farmland.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>EEA will commission additional forest carbon sequestration research, building upon the land use analysis in the 2050 Roadmap, to assess the long-term impacts of sustainable forest management practices (I agree heartily. I understand that current practices are not optimal, including clear-cutting.)</p> <p>Overall, I strongly support the CECP2030, but would like to see timelines tightened and commitments strengthened. There is no time to lose. Thank you for the opportunity to comment.</p>

Form Name:	CECP Public Feedback
Submission Time:	March 20, 2021 11:13 pm
Browser:	Safari 14.0 / OS X
IP Address:	73.167.239.165
Unique ID:	781336826
Location:	42.329399108887, -72.693901062012

Name	Kit Sang Boos
Affiliation (town or organization)	Climate Action Now Northampton MA.
Please select the sectors and strategies on which you would like to comment.	<div>Transportation Sector Strategies</div> <div>Buildings Sector Strategies</div> <div>Electricity Sector Strategies</div> <div>Non-Energy Sector Strategies</div> <div>Land Sector Strategies</div> <div>General Comment or Letter Upload</div>
Transportation Sector Strategies	<div>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</div> <div>T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards</div> <div>T3: Reduce Upfront ZEV Purchase Cost Burden</div> <div>T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging</div> <div>T5: Engage Consumers & Facilitate Markets</div> <div>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</div>
Buildings Sector Strategies	<div>B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant</div> <div>B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems</div> <div>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</div>
Electricity Sector Strategies	<div>E1: Fill Current Standards & Execute Procurements</div> <div>E2: Develop and Coordinate Regional Planning and Markets</div> <div>E3: Align Attribute Markets with GWSA Compliance</div> <div>E4: Continue to Deploy Solar in Massachusetts</div> <div>E5: Develop a Mature Offshore Wind Industry in Massachusetts</div> <div>E6: Incorporate GWSA into Distribution-Level Policy Considerations</div>
Non-Energy Sector Strategies	<div>N1: Target Non-Energy Emissions That Can Be Abated or Replaced</div> <div>N2: Implement Best Practices Around Residual Non-Energy Emissions</div>

Land Sector Strategies

- L1: Protect Natural and Working Lands
- L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
- L3: Incentivize Regional Manufacture and Use of Durable Wood Products
- L4: Develop Sequestration Accounting and Market Frameworks

Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Making public transportation fast, reliable and going to places people want to go will help cut GHG in the fastest way, and be more equitable as well. We need to change car culture which costs in infrastructure and space air pollution.
--	---

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Focusing on personal cars instead of trying to get people out of the,
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	I would like to see more money invested in great public transportation and smaller amounts to helping ev purchases.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	Again it is priorities, and bang for the buck. Especially if we need to decrease emissions fast, more use of combustion buses will get more people out of cars and lower emissions in transportation

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 3. Neutral
Benefits Other	Not sure what this refers to
Leave a comment or suggestion about this strategy.	Not sure what you mean

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.	Public transit, buses and trains provides good jobs. Can get people to jobs with good urban and land planning
--	---

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	If you mean high efficiency stretch building codes
--	--

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

Benefits Other	Not sure what you mean. But renewable portfolio standards should NOT include biomass, which is not clean or truly renewable energy.
-----------------------	---

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Benefits Other	Only if we don't weaken the standards and goals
-----------------------	---

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

Non-Energy Sector Strategies

N1: Target Non-Energy Emissions That Can Be Abated or Replaced

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health

N2: Implement Best Practices Around Residual Non-Energy Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	A carbon price will cover a lot of ground!

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

Leave a comment or suggestion about this strategy.	The earth has a huge capacity to sequester carbon if we work with nature, not against it!
--	---

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 3. Neutral
---	-------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
---	---

Leave a comment or suggestion about this strategy.	It all depends on if it will be done sustainably. We need to move away from wood to other more sustainable building products. The math can be complicated.
--	--

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Thank you for the tremendous work that went into the 2030 interim plan and the 2050 Road Map as well. It is exciting that the Legislature has set goal of 50% GHG reductions for 2030 and is willing to grant authority to EEA to carry out the important steps to get there. I urge you to accept the ambitious challenge of 50%. This is the way that MA can lead the way. We've don't have time to dither. It's been 13 years since GWSA passed and the climate crisis is only more dire. The Pandemic has taught us that we need to build back better and greener, that we are stronger and more resilient than we think, and that some of us are more equal than others. I urge you to put an economy wide price on carbon. Many in industry agree that is a good mechanism to cut emissions, spur innovation, send strong market signals, AND raise revenues for green infrastructure and it can be done with environmental Justice for lower income residents and communities.

I also think that building new housing with high efficiency codes, and with no fossil fuel infrastructure RIGHT NOW is essential and reaps immediate cost savings well into the future. Even as we renovate existing home to be more energy efficient. All this will provide jobs! Instead of working to destroy the environment, let's put people to work to save the world!

Sincerely, KS Boos

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 7:31 am
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	74.78.100.47
Unique ID:	781392296
Location:	44.33810043335, -71.830497741699

Name	Eric Calhoun
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies Land Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	There are no drawbacks for mass deployment of solar+heat pumps into environmental justice communities through a state private/public partnership. Electrifying neighborhoods would have huge public health benefits as well.
--	--

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
--	--

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
---	--

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>The science is clear, burning biomass and waste is far less efficient than wind/solar+battery storage and causes far more human health impacts. Communities like E Springfield have faced generations of air/water pollution and the new RPS standards cannot leave room for a subsidized biomass plant in an environmental justice community. Biomass and waste burning are not viable options for a world with warming less than 2C and the CECP should be phasing them out rather than expanding them.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 8:45 am
Browser:	Safari 14.0.3 / OS X
IP Address:	98.118.28.23
Unique ID:	781404837
Location:	42.485298156738, -71.441802978516

Name	David Shoemaker
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Affiliation (town or organization)	Acton; MIT
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	A search for 'geothermal' shows no mention of this very valuable technique for increasing the efficiency (and reducing long-term cost) of electrifying building energy use. Please at least mention it, but also consider specific programs to increase awareness of it and to facilitate its implementation through state aid.
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 11:21 am
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.62.229.55
Unique ID:	781442819
Location:	42.588798522949, -71.441596984863

Name	Michael Kellett
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Affiliation (town or organization)	RESTORE: The North Woods
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Electricity Sector Strategies Land Sector Strategies
--	--

Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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Do you see any key DRAWBACKS to this strategy?	Yes
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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Leave a comment or suggestion about this strategy.	The plan should call for phasing out all wood-fired heating systems. This will improve public health, reduce emissions of carbon that are greater than for comparable gas or oil, and increase forest carbon storage by lessening logging for biomass fuel.
--	---

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 2. Moderately support
---	------------------------------------

Do you see any key DRAWBACKS to this strategy?	Yes
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	The plan should call for phasing out all wood-fired heating systems. This will improve public health, reduce emissions of carbon that are greater than for comparable gas or oil, and increase forest carbon storage by lessening logging for biomass fuel.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 2. Moderately support
Do you see any key DRAWBACKS to this strategy?	Yes
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
Leave a comment or suggestion about this strategy.	<p>Letting trees grow and continue storing carbon, and reducing and recycling waste, are proven and effective climate solutions. This plan assumes that burning "waste" products, in particular wood and wood residues, will result in zero carbon emissions. This is inconsistent with the findings of the state's 2010 Manomet study and has been discredited by numerous other scientific studies. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. They have no place as a part of a plan for clean energy and climate change mitigation.</p> <p>The plan should call for action by the Commonwealth of Massachusetts to remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.</p>

Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 4. Moderately oppose
Do you see any key DRAWBACKS to this strategy?	Yes
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
Leave a comment or suggestion about this strategy.	The plan should prioritize the optimization of cumulative carbon storage by increasing the acreage of protected natural forests. This can be accomplished by: a) creating more reserves on our public lands, and giving them permanent protection from resource extraction and development; and b) giving equal public incentives for private land that is kept "forever wild," where all active management is precluded and nature prevails.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
Do you see any key DRAWBACKS to this strategy?	Yes
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
Leave a comment or suggestion about this strategy.	<p>The most effective strategy for carbon sequestration and storage is to allow more forests to grow and remain standing so they can maximize their ecological potential - the process of proforestation.</p> <p>In contrast, the claim that increasing logging to manufacture buildings made of cross-laminated timber (CLT) or other wood products will result in net benefits to carbon storage is highly questionable and controversial. Emerging studies indicate that these supposed benefits have been grossly overestimated and the potential for degrading natural forest ecosystems has been grossly underestimated.</p> <p>The promotion of more logging to construct more CLT buildings not only threatens to increase carbon emissions, but would also encourage overcutting of Massachusetts forests and reduction of forest carbon storage.</p> <p>We strongly oppose this strategy. It should be deleted from the plan and the Executive Office of Energy and Environmental Affairs should discontinue pursuing this climate-unfriendly scheme.</p>

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?

Choose one = 3. Neutral

Do you see any key DRAWBACKS to this strategy?

Yes

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Leave a comment or suggestion about this strategy.

Landscapes that are not dedicated to production but, instead, are protected as forever wild, or committed to being free of logging for two or more decades, should be given at least equal weight as production "working" forests in terms of carbon markets. A full analysis should be done on carbon storage and sequestration with various models of forest management, including unmanaged or forever wild lands.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 2:36 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	71.174.90.208
Unique ID:	781488751
Location:	42.395500183105, -71.181602478027

Name	Mark Davis
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Affiliation (town or organization)	Belmont
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Hi,

The CECP plan looks great!! Particularly Transportation and Electricity sector strategies.

Thanks for you work!

Mark Davis

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 3:36 pm
Browser:	Firefox 86.0 / Windows
IP Address:	75.69.46.140
Unique ID:	781501612
Location:	42.476398468018, -72.626403808594

Name	Enzo Viarengo
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Please select the sectors and strategies on which you would like to comment.

Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	No
--	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	<p>I think this strategy is hugely important. It could include soil remineralization, which is adding rock dust to soil. The rock dust is already locally available as a byproduct of quarrying, and it is nutrient-rich, so that if it's applied to agricultural, forested, and other lands, it can greatly enhance plant growth and ecosystem resilience.</p> <p>This can not only vastly increase the carbon pulled from the atmosphere, but also enhance the nutrition values of food. Thus, remineralization affects public health as well as ecosystem health. Furthermore, the runoff from soils containing alkaline rock dust can help counteract destruction of ecosystems downstream from agriculture and other industry, including acidification from nitrogen runoff.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 4:59 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	47.205.167.196
Unique ID:	781518451
Location:	27.33749961853, -82.513999938965

Name	Maria Bartlett
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Affiliation (town or organization)	Andover Green Advisory Board
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 5:06 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	47.205.167.196
Unique ID:	781519903
Location:	27.33749961853, -82.513999938965

Name	Maria Bartlett
-------------	----------------

Affiliation (town or organization)	Andover Green Advisory Board
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts
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Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	If forests are converted to solar arrays, that is a terrible tradeoff. Same for agriculture lands. Solar should be incentivized on carports, rooftops, landfills, brownfields. Forests and agricultural lands should be subsidized so private owners do not need to convert or add solar in order to afford to maintain the land from development.
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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Leave a comment or suggestion about this strategy.	If we can create the proper economic incentives for public and private owners to maintain their forests as wild and unmanaged, and incentivize solar elsewhere, the strategy of increasing solar is obviously a good one. Forests and agricultural lands have the potential to sequester CO2 to get us that last 15% to Net Zero
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 5:10 pm
Browser:	Chrome 89.0.4389.86 / OS X
IP Address:	173.76.106.152
Unique ID:	781520566
Location:	42.442798614502, -71.23169708252

Name	Judith Glixon
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Affiliation (town or organization)	Lexington
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Please develop a program such as Rep. Michelle Ciccolo's HD 3466 to incentivize cities and towns in transitioning away from using landscape maintenance equipment powered with internal combustion engines, and to assist small businesses and landscapers in making this transition. There are both health and environmental hazards posed by internal combustion engines (both 2-stroke and 4-stroke), with a disproportionate impact on BIPOC (black, indigenous, and people of color) and immigrant residents.

I've been working with the Lexington Noise Advisory Committee to request similar legislation for the town, because of the noise and pollution of, for example, gas-powered leaf blowers. It would be much more effective if this could be a state-wide transition.

There are no regulations on this type of equipment, so ultimately if the EPA would develop safe emissions and noise standards for landscaping machines, we would all be better off. It's long past overdue.

Thank you.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 5:21 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	47.205.167.196
Unique ID:	781522683
Location:	27.33749961853, -82.513999938965

Name	Maria Bartlett
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Affiliation (town or organization)	Andover Green Advisory Board
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<ol style="list-style-type: none">1. Provide financial incentives to convert residential to heat pumps first to those residents heating with oil, since it is a dirtier fuel than fracked gas.2. Do not classify biomass as a clean fuel. It is far dirtier than other fossil fuels and is motivating commercial entities to clearcut the very forests we need to drawdown that last 15% of GHG emissions. Biomass is NOT the way to get to Net Zero!
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 5:33 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	47.205.167.196
Unique ID:	781525166
Location:	27.33749961853, -82.513999938965

Name	Maria Bartlett
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Affiliation (town or organization)	Andover Green Advisory Board
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
---	----

Leave a comment or suggestion about this strategy.	<p>Economic incentives are needed to preserve intact forests and to keep them wild. "Managing" forests does not sequester the same amount of CO2 as in wilder undisturbed forests, no matter how many time the forestry industry states to the contrary. The science is not on that side!! Please follow the science!!</p> <p>Solar ground-mounted on agricultural land also is not all it is cracked up to be. Most vegetables do not grow well in these conditions and are not easy to grow and harvest. How much grazing livestock under solar arrays do we need when animals are a large source of CO2 emissions! The best alternative might be native plant meadows with undisturbed land. But, the best is for the solar to be incentivized elsewhere!</p>
---	--

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?

Choose one = 4. Moderately oppose

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

It is a common misconception that CO2 in large amounts is sequestered in wood products... that is simply not true. It is a very small % of the original amount the living wood sequesters. It might be better to develop better sustainable ways of making cement and steel and leave the forests alone.

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Sequestration accounting, accurate and scientific, is critical for making informed decisions about incentivizing the segments sequestering the most CO2. I am not sure what you mean by market frameworks....

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Unclear or not sure

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 5:59 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	146.115.100.22
Unique ID:	781530253
Location:	42.416599273682, -71.146896362305

Name	Lisa Chernin
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.

Rep. Michelle Ciccolo's HD 3466 proposes to incentivize cities and towns in transitioning away from using landscape maintenance equipment powered with internal combustion engines, and to assist small businesses and landscapers in making this transition.

This bill recognizes the health and environmental hazards posed by internal combustion engines (both 2-stroke and 4-stroke), and acknowledges that there is a disproportionate impact on BIPOC (Black, Indigenous, and People of Color) and immigrant residents of the Commonwealth.

There are, and have been, efforts underway at the local level to limit the use of such equipment. However, if the Commonwealth would undertake statewide change with regard to this type of landscaping equipment, it would make change at the local level so much easier to achieve.

There are no regulations on this type of equipment at any level right now, so ultimately if the EPA would develop safe emissions and noise standards for landscaping machines, we would all be better off. Every time I walk past landscaping workers, I see how the workers are impacted and how I am impacted by the noise and air pollution of these equipment types. This work can be done in other ways, without a deep financial or economic impact on business and workers. It's time to prioritize health and the environment over speed and pollution.

Thank you.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 6:10 pm
Browser:	Chrome 89.0.4389.82 / Windows 8.1
IP Address:	66.189.116.54
Unique ID:	781532530
Location:	42.285701751709, -71.829200744629

Name	Thomas ORourke
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Affiliation (town or organization)	Rutland, MA, citizen
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Electricity Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies

Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.

After reviewing the 2050 CECP I offer the following:

1. Attempts to displace fossil fuels with electricity will require a coordinated and costly infrastructure intensive undertaking. Looking at public outcry over various infrastructure efforts I do not feel it can be done.
 2. Given that 60% of ISO NE electricity is generated from natural gas at an annual average cost of 4c/kwh in 2019, electrification based on renewable energy will be a costly undertaking for Massachusetts residents,
 - 3, My March 2021 bill, I paid 26 c/kwh and you expect me to heat my house with electricity.
 4. I question a policy that is dedicated to using, an as yet, unproven technology. Air Source Heat Pumps (ASHPs) make some pretty unrealistic claims about performance, especially considering the colder conditions encountered in the Commonwealth. I ask have they been evaluated? Basing our next 30 years of heating on a system that has not been properly vetted, does not sound like good policy.
 5. The CECP advocates for banning fossil fuel incentives for the nationally acclaimed "Mass Save " Energy Efficiency program. This does not seem prudent, given that current and evolving fossil fuel technologies benefit from from this program.
 6. An earlier MA DOER study by Daymark on the Alternative Portfolio Standard (APS) recommends discontinuing this highly successful program. The program. The program has already been oversold and credits are worthless. Elimination of this program will result in approximately 300 MW of low cost/low carbon generation being removed and require replacement with other sources of generation. The Commonwealth should consider reinstating the this program at its proper revenue level so the citizens of the commonwealth can continue to receive its environmental and societal benefits.
- Thank you for the opportunity to speak. Thomas O'Rourke
Citizen

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 7:08 pm
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	71.174.90.85
Unique ID:	781544382
Location:	42.395500183105, -71.181602478027

Name	Phil Thayer
Affiliation (town or organization)	SustainableBelmont.net (623 members)
Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
Transportation Sector Strategies	
T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions	
To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy?

No

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**?

Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy?

No

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**?

Yes

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy?

No

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**?

Yes

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 7:27 pm
Browser:	Safari 13.1.1 / OS X
IP Address:	71.233.148.136
Unique ID:	781548315
Location:	42.364601135254, -71.102798461914

Name	Audrey Bennett
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	While I support much of what's in the plan, I'm concerned about its lack of attention to public transit and reducing vehicle miles traveled, and I want a more ambitious timeline.
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 7:31 pm
Browser:	Firefox 86.0 / Windows
IP Address:	98.229.177.218
Unique ID:	781549071
Location:	42.458599090576, -71.359703063965

Name	Carolyn McCreary
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies

General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am attaching a file which has broad, far-reaching implications as to how to move forward on future electrical generation. Much of the information was first provided to a group of us by a local engineer who has been studying these matters at length over the course of many years.
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Please let me know if you are able to read the attached file.

Thank you,
Dr. Carolyn McCreary
*****@comcast.net

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/ERmOlwH5XgNNqKW-ucjT8BMB7_bF2e-H0gVtBcz4i3UFwA?name=/103686249_commentson2030Roadmap.docx
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Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 8:47 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	98.229.215.195
Unique ID:	781565033
Location:	42.110900878906, -71.184898376465

Name	Linda Orel
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Affiliation (town or organization)	The Trustees of Reservations
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Land based resources are the only tool and technology we have available to sequester greenhouse gas emissions, including carbon pollution. We should invest heavily in land NOW, as it takes time for trees, wetlands, and soils to absorb and store carbon. Also, conserving and restoring land and water resources produce multiple co-benefits, in addition to carbon sequestration. Land natural filters drinking water, prevents erosion, reduces heat islands, protects habitat, offers outdoor recreational opportunities which are critical for Massachusetts \$18 travel and tourism industry as well as physical/health benefits.
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

Strategy L1: Protect Natural and Working Lands

The Trustees is grateful to the Baker Administration for including Natural and Working Lands in the CECP 2030. However, the Administration needs to create specific goals and benchmarks to increase carbon sequestration and storage in natural and working lands. The state must start making significant investments now to reap carbon benefits in 2030, 2040 and beyond. Below please find more specific recommendations.

Create a specific deadline by which a comprehensive, statewide baseline will be finalized for natural and working lands that measures the carbon in Massachusetts' lands and waters.

While we wait for a comprehensive baseline, create specific numeric goals and targets to sequester and store more carbon in Massachusetts lands and waters - using data and tools the state already has. Here are a few examples of goals to protect and restore natural resources:

- o Set a goal to plant a specific number of trees before 2030. Plant trees in Gateway Cities, as well as along rivers and streams and in suburban areas. New York City's goal to plant a million trees is a good model.
- o Establish specific annual goals to conserve and restore a specific number of acres of forest, farmland, inland and coastal wetlands, and other ecosystems.
- o Invest heavily in grants to nonprofits and municipalities to conserve, manage and restore natural and working lands by expanding existing grant programs and creating new ones. Set specific carbon goals associated with appropriate programs.

Use regulations, such as MEPA, to avoid, minimize, and mitigate land use conversion, and promulgate wetland regulations on climate change impacts and nutrient reduction.

Prioritize Massachusetts-based activities (instead of waiting for partner states to act).

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

Land based resources are the only tool and technology we have available to sequester greenhouse gas emissions, including carbon pollution. We should invest heavily in conserving, restoring and improving the management of privately owned lands in particular, as it takes time for trees, wetlands, and soils to absorb and store carbon. Also, conserving and restoring land and water resources produce multiple co-benefits, in addition to carbon sequestration. Land natural filters drinking water, prevents erosion, reduces heat islands, protects habitat, offers outdoor recreational opportunities which are critical for Massachusetts \$18 travel and tourism industry as well as physical/health benefits.

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Create incentives for private landowners, especially working farms and forests.

Create a specific deadline by which a comprehensive, statewide baseline will be finalized for improved management of privately held farms and forests (in addition to the specific target to add 100,000 acres into a program to help private forestland owners to sequester carbon through improved management and climate resiliency techniques.)

Promote carbon-based incentives on private farms and forests through property tax reforms under Massachusetts' current use laws and extend the enrollment period to 20-years.

Create a carbon offset program for private landowners enrolled in Chapter 61 programs and/or protect their land under a Conservation Restriction and/or if they implement a specific type of stewardship plan. Create specific goals for the programs to reach by 2030.

Create a statewide aggregation program for voluntary carbon credits to help further incentivize carbon storage by private forest and farm owners, with specific targets for 2030.

Build on the Blue Carbon Report and Online Calculator for determining Greenhouse Gas Budgets for Massachusetts Aquatic Ecosystem Restoration Projects and set specific restoration targets for coastal and inland wetlands. Coastal wetlands have some of the highest per acre climate mitigation potential.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 9:10 pm
Browser:	Chrome 89.0.4389.90 / unknown
IP Address:	76.19.47.80
Unique ID:	781570137
Location:	42.489700317383, -71.15950012207

Name	Downing Cless
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Affiliation (town or organization)	Arlington
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Having devoted the first 7 years of my retirement to climate activism (mainly with 350 Mass), I was very gratified to read the comprehensive 90-page report and view the 3/15 webinar. It's quite a good plan, though the legislature's Roadmap bill is a bit better in squarely tackling the crying need for immediate actions toward climate mitigation. The CECP is not sufficient in what must be done by 2030, given the inadequate actions taken before and after the GWSA (2008). So I'm disappointed that neither the CECP or the Roadmap bill have clear steps to be taken and strong compliance standards.

Also, neither plan addresses what is called a "just transition" for workers who are displaced by carbon emission reductions, such as the gas workers whose union representative spoke against the CECP toward the top of the webinar's comment period--or numerous representatives of the fishing industry that I've heard complain about offshore wind. The simple answer is retraining, rebates, and early-retirement programs.

At age 77, I'll continue my activism as long as I can on behalf of my children and grandchildren--all MA residents. But to avert devastating consequences for them, I must see huge changes in the next 3-5 years. I hope to be still alive to see a solid start toward what I call the "Great Awakening and Transformation" that must occur worldwide and nationally. I'll be proud if our state can lead the way in what the other 49 can and must do.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 9:36 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.233.148.169
Unique ID:	781575794
Location:	42.364601135254, -71.102798461914

Name	F William Green
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Affiliation (town or organization)	350MA
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Clean Energy and Climate Plan

March 21, 2021

The Executive of Energy and Environment is to be congratulated on the Clean Energy and Climate Plan (CECP). It is thoughtful, ambitious, rather detailed and should be the outline for the decarbonization effort before us in the Commonwealth. It exhibits a huge amount of agency research and work. As is understood, it is an optimistic exercise in reading the future for getting to net zero greenhouse gasses (GHG) by 2050. My concerns are these: the immensity of the task; the assumption of agency compliance; the willingness of the public to engage and support.

Immensity of the task:

To put this scenario in perspective: the eventual CECP target is to reduce overall GHG to 45% of 1990 emissions. CECP counts on off-shore wind being a primary source of electricity. By 2030 approximately twenty percent of the total obligated emissions reductions due by 2030 are projected to come from the electricity sector. (for 2017 at 13.6 MMCO₂e to 4.2 MMCO₂e for 2030). Massachusetts has contracted for 800MW off-shore wind power by 2030. Based on information from the 30 MW Block Island Wind Farm Project (BIWFP) the Commonwealth would need in the neighborhood of one hundred state of the art machines to meet the contract of 800 MW (e.g. five 6 MW machines for a 30MW project). Of note, again using the BIWF data, of 4-5 million dollars/machine (five wind machines for total of \$ 2.3 million for the BIWFP project) the total for 800 MW comes to something like a \$ 4-6 billion project. That is a whole lot of hardware, a whole lot of work and money. Yet this is projected to meet less than half the 4.2 MMCO₂e reduction required to achieve the 2030 target.

Agency compliance:

The "Next-Generation Road Map for Massachusetts Climate Policy," now on the Governor's desk, requires agencies such as the Energy and Environment Agency, Department of Environmental Protection and others to set definitive dates, CO₂ volumes and to promulgate regulations to meet targeted reductions of GHG and to do so with climate justice as an integral part. The 2008 version of the GWSA was largely ignored until, in 2016, the Supreme Judicial Court of Massachusetts ruled against the state's Department of Environmental Protection, finding it non-compliant with its requirement "to promulgate regulations that establish volumetric limits on multiple greenhouse emissions sources...(that) must decline on an annual basis." Somewhere along the way between 2008 and 2016 various administrative agencies and entities like EEA, DOER, DEP and DPU were not able to follow through on the 2008 GWSA law. The explanations for this are probably many and perhaps, hopefully, will not recur.

Strict compliance with the new law will be paramount if the Next Generation Road Map for Massachusetts Climate Policy is to be successful and fully realized. It will require avid scrutiny from grass roots organizations, strong interest from the public, legislators, active engagement of the Governor and especially from the Implementation Advisory Committee to achieve the difficult goal of reducing GHG to net zero by 2050. It is thirteen long and warming years since the original GWSA has been on the books.

Compliance will be critical.

Public engagement and support:

I am particularly concerned that if the CECP implementation plan falls well short of its goals and real deep decarbonization becomes untenable that a Plan B be put on the table. If the imperative to avoid the dire planetary and human chaos of accelerating climate change is to be honored, and the CECP is found to be inadequate to the task, the resurrection and approbation of safe nuclear power must be allowed and encouraged. It is not difficult to imagine that the public will strenuously object, initially. I too have been resistant to the prospect of nuclear power, but understanding the immensity of the challenge, I am open to the idea. I am speaking from a stance of an environmental activist and one who, until recently, would not hear of resuming nuclear power. But confronted with the enormity of the task that the CECP puts before us, I would say that sometime early in the implementation stage of the plan, say by 2030, we start accepting the possibility that deep decarbonization may not be possible without resorting to this Plan B. EEA may well have to educate the public on this. The existential threat of full-on climate change is far greater than that of nuclear power done in the safest way. It is near time to get out of the closet on this option.

F William Green, MD

Cambridge, MA 02138

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 11:06 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	74.74.202.209
Unique ID:	781594360
Location:	43.166698455811, -77.825202941895

Name	Anne O'Connor
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Affiliation (town or organization)	Williamstown
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

ELECTRICITY SECTOR STRATEGY (E-3)

Stop subsidizing the false climate solutions of burning garbage and woody biomass.

The state's decarbonization strategy falsely assumes that emissions from burning waste products, in particular wood residues, will have zero carbon emissions. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.

LAND SECTOR STRATEGY

Protecting forests is essential for carbon storage and meeting our net-zero goals.

The 2030 CECP fails to provide a coherent and workable plan that will ensure forests will be able to meet the challenge required to achieve carbon neutrality by 2050. Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program. The plan should also include policies to reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote proforestation through the use of reduced taxation (Chapter 61"C") and enrollment in carbon credit markets that provide non-timber income to property owners. Revise Strategy L3 to promote keeping forests intact and stop promoting more consumptive uses of forests like developing a market for biomass energy and "junk wood," production of cross laminated timber (CLT) and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they have peak carbon removal and storage rates.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 11:21 pm
Browser:	Chrome 84.0.4147.136 / Chrome OS
IP Address:	146.115.73.147
Unique ID:	781596836
Location:	42.442798614502, -71.23169708252

Name	gina sonder
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Affiliation (town or organization)	Arlington, MA
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Land Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Electricity Sector Strategies	E2: Develop and Coordinate Regional Planning and Markets E4: Continue to Deploy Solar in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Other*
--	---

Benefits Other	Allotment to fuel suppliers and distributors tied to funding the program
----------------	--

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	TCL - not enough funding. Only starts in 2023. Air Travel and caps on jet fuel are not addressed.
--	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>Program needs to start much sooner than 2023. Time is now to begin. Funding needs to be secured to have a robust program that continues through 2030 and insures access & equity.</p> <p>Low Carbon Fuel Standard (LCFS) not specific and states "no later than 2026" just 4 years before 2030.</p> <p>Again, the program needs to begin ASAP and include more detail about this plan.</p> <p>Aviation is treated as a constant. As the pandemic has shown, air travel is discretionary to a high degree, and people can reduce their air travel dramatically, especially for business travel to meetings. With high-speed rail and other improved ground travel alternatives, emissions should and must be dramatically reduced for this sector.</p> <p>Most of the burden to transition and adopt alternatives is placed on users of Light-duty vehicles - the majority of which are in the private sector. Public, municipal, and commercial vehicles must be lead the way to a cleaner transit alternative.</p>

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Benefits Other	Mass Transit and Heavy Duty vehicles
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	30% Sales of MDHDZEV?? MA must have 100% of state and municipal clean fleets EV by 2030
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.

100% Clean Fleets for all State and Municipal vehicles.
100% MBTA trains and buses, school bus and municipal transit vehicles should ALL be electric by 2030.
Encourage Mass Transit - and get personal vehicles off of the roadway 75% of the time. Rail & Bus Systems - upgrade the systems and lower or eliminate the fares for low wage workers, students, and working class ridership.
Encourage alternate travel with increased networks for biking and upgrade roadways to accommodate pedestrian friendly streets.
In urban areas - provide incentives and infrastructure for mobility alternatives, reward reduced VMT, promote ride-share and shared vehicle ownership, increase mass transit; discourage single passenger vehicle use, create single passenger vehicles ban in downtown zones, and spread commuter hours to avoid congestion.

Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

implementation & adoption of stretch code by green communities goes into effect.

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Adoption to be accelerated. No new gas infrastructure. E.J. communities need access to information and funding programs.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Mass Save and other State and Utility sponsored programs must incentivize transition to electrification and heating via renewables*, including households currently using gas for hot water and heating. No new gas infrastructure. Figure #7 shows an increase in gas for new construction. Methane gas is NOT a bridge fuel. Building stock lasts 30-50 years, as you show, and gas cannot be a fuel source after 2030: "Strategy B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant"

* Solar heat/cool & hot water. Air-source & Ground-source heating/cooling. Community Solar. Community Roof-top Solar. Battery Storage. Hydro-storage. Community ground-source heating/cooling with the existing gas utility labor force employed to transition the system. .

Electricity Sector Strategies

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Hydro-Quebec, Burning of bio-fuels should be considered "dirty" not "green"

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

With the increased electrification of transit and building systems, the Electricity Grid MUST be a 100% Clean Energy source. Producing electricity by burning Gas and Bio-Mass defeats the emissions goals of transitioning transit and buildings, only to centralize the burning of dirty fuels.

Implementation of clean generation of energy needed to have started 10 years ago, and cannot wait another second. This plan needs to go into effect immediately. Provide more detail about developing and coordinating regional efforts to transform the power sector to renewables. Good to have partners to load-share and create redundancies.

Increase Community Energy Storage to reduce need for new generation plants

Offset Energy needs with Micro-grids and community solar and community ground-sourced heat.

See new ground-based wind generation which are better alternatives to the big propeller-like turbines.

Off-shore wind is expensive.

Transmission lines bringing electricity from Canada (Hydro-Quebec) is environmentally questionable.

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*

Benefits Other

Increases redundancies and local power-sharing. Reduces the need for utilities companies to increase their supply and manage peaks by building more power plants

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

increasing the Clean Energy Standard (CES) to "at least 60%" by 2030 increases the Renewable Portfolio Standard, so begin this well before 2025, by increasing the RPS by % to be met by 2025.

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Other*
Benefits Other	energy storage & efficiency.
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	I do not understand this statement: "Incorporating GWSA compliance as a necessary parameter of planning processes would identify the cost savings that grid modernization would unlock in a deeply decarbonized and significantly electrified economy, avoiding or mitigating the need for system upgrades."
Leave a comment or suggestion about this strategy.	Do not shift the burden of siting energy generation and transmission to land that is a carbon sink, environmentally sensitive, poorer communities, or neighboring States. There are solutions that provide We must all have a safe, reliable, equitable system that benefits the communities in which we live and work. NIMBY - if you wouldn't have it in your community, then don't put it in mine.

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Other*
Benefits Other	Quality of Life
Leave a comment or suggestion about this strategy.	Inner-city, coastal, urban, and suburban lands - MA struggles to keep what little natural land there is in these densely populated areas, with the constant pressure of development, encroachment, and degradation/pollution, as well as the overuse of small patches of protected lands which remain. Protect, preserve and expand the natural habitats in these vulnerable areas, and increase the wellbeing of all who benefit from these green oases.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Other*
Benefits Other	Depending on implementation, this could be an EJ benefit.

Form Name:	CECP Public Feedback
Submission Time:	March 21, 2021 11:31 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	24.60.200.65
Unique ID:	781598583
Location:	42.382801055908, -71.095497131348

Name	Sarah White
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Affiliation (town or organization)	350mass
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I'm glad the MA legislature is taking climate change seriously. I do wish we would go further in making our transportation sector green. There are easy, cost-efficient steps the state could take to make our transportation industry safer, cheaper and less harmful to the environment.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:38 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	66.44.113.134
Unique ID:	781730751
Location:	38.951999664307, -77.019996643066

Name	Stuart Saulters
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Affiliation (town or organization)	American Public Gas Association (APGA)
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Eliminating gas-fired appliances from homes means no incentive for preserving the infrastructure. By preserving the natural gas infrastructure of today, Massachusetts' public natural gas utilities can be a critical partner in delivering the low and zero carbon fuels of tomorrow, ensuring sustainable energy for many years to come. See more in the APGA submitted upload.
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Moving from gas-fired heating equipment takes away from the resiliency and affordability aspects of natural gas service that Massachusetts residents desire. See more in the APGA submitted upload.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent do you support this strategy?	Choose one = 4. Moderately oppose
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	If natural gas is not considered a part of the clean heat solution portfolio, the critical energy delivery aspects of affordability, resilience, and environmental benefit are lost. See more in the APGA submitted upload.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No

General Comment or Letter Upload

Please leave a general comment about the CECP here.	See the attached file for a full discussion from the American Public Gas Association (APGA) on the 2030 CEP. There are four public gas systems in Massachusetts that are APGA members.
If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQ6lXR9lBIFGIEQtz-74dXUBXpce7WvuL8_JZfRQtzQnwg?name=/103686249_APGACommentsRespondingtoInterimCleanEnergyandClimatePlanfor2030Final.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:47 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.7.0.118
Unique ID:	781735163
Location:	42.361598968506, -71.067398071289

Name	Susan Redlich
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Affiliation (town or organization)	Cambridge
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health
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Benefits Other	I support stronger commitments to improve transit and reduce vehicle-miles-travelled (VMT).
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Benefits Other	Net zero building systems offer a new frontier for expanding jobs.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Benefits Other	Clean heat is a major way to reduce carbon emissions caused by major dependency by heating systems on fossil fuels.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>A heating fuel emissions cap is the necessary foundation to support related policies such as building codes, Mass Save programs, and thermal electrification.</p> <p>It is critical to establish a cap as soon as possible to create sustainable funding for programs that replace fossil fuel heating systems with low-carbon alternatives, such as heat pumps.</p>

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions

Benefits Other	I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030. Renewable energy is one of the easiest ways to reach 2030 carbon limits.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030. Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Jobs and Economic growth
Benefits Other	I see this area of solar infrastructure of particular opportunity for women.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 9:16 am
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	96.240.203.121
Unique ID:	781750364
Location:	42.169200897217, -72.854103088379

Name	Judith Eddy
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Affiliation (town or organization)	350Mass Berkshires
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies Land Sector Strategies
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Electricity Sector Strategies	E2: Develop and Coordinate Regional Planning and Markets E4: Continue to Deploy Solar in Massachusetts
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Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Electricity Sector Strategies

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 4. Moderately oppose
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	I am opposed to building more transmission lines and I am opposed to depending on hydro power from Canada.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
---	--

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	I support rooftop solar, brownfields solar, and parking lot solar. I do NOT support cutting down trees in any way to build solar arrays, either privately or publicly.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Other*
Benefits Other	Protecting biological diversity, rights of nature to continue to thrive.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth, Other*
Benefits Other	Ecosystem health is paramount to our survival as a species. We must preserve habitat to ensure diversity of living beings survives. Natural ecosystems sequester carbon better than any other strategy.
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 9:57 am
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	72.93.105.189
Unique ID:	781773667
Location:	41.873401641846, -70.63939666748

Name	Thomas Jacobson
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Affiliation (town or organization)	Boston resident
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	In favor of a BAN on all gas powered leaf blowers be included in the Clean Energy and Climate Plan for 2030.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:05 am
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	71.184.232.174
Unique ID:	781778552
Location:	42.626998901367, -70.860198974609

Name	Valerie Grabel
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	PLEASE ban gas powered leaf blowers in this plan. They are needlessly putting toxins into our neighborhoods. There are plenty of reliable, options that are less pollutting (both noise and air quality) and just all better for our long-term climate goals. Thank you.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:06 am
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	24.62.102.23
Unique ID:	781779415
Location:	42.458599090576, -71.359703063965

Name	Archana Dayalu
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

If you have a letter to upload, please do so here. https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EYza8pceHvJGmtYNbBBdV28BTaBR-bm6DR4SSTcth-zxCw?name=/103686249_CECP_Public_Comment_Letter.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:11 am
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	71.174.107.154
Unique ID:	781782239
Location:	42.489700317383, -71.15950012207

Name	Kristine Trierweiler
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Affiliation (town or organization)	Town of Medfield
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EfZNMnHKZqtDjhvMGL9KGiQBeZ-WEW_R84zKW1pl76frhw?name=/103686249_SignedCommentLetter_Medfield.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:12 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	146.115.72.238
Unique ID:	781782844
Location:	42.442798614502, -71.23169708252

Name	Craig Sherman
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Affiliation (town or organization)	Arlington, MA
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Transportation Sector Strategies

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
---	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Provide charging for electric vehicles parked on public streets via "drops" from telephone poles (Netherlands). Income to City/Town used to cover cost to install and then to further net zero goals.
---	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:12 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	72.228.0.204
Unique ID:	781783352
Location:	42.472801208496, -73.274398803711

Name	Henry Rose
------	------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>There is no place for burning of biomass in our clean energy future.</p> <p>Any harvesting of trees needs to be done in an environmentally sustainable way, and any wood products derived from our forests should be prepared by and used by local industry.</p> <p>Before new construction is planned, retrofits of available housing stock should be done.</p>
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:19 am
Browser:	Safari 14.0.3 / OS X
IP Address:	65.96.168.188
Unique ID:	781787239
Location:	42.380001068115, -71.13289642334

Name	Jim Brown
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Affiliation (town or organization)	Cambridge
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Electricity Sector Strategies
--	--

Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
--	--

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
--	--

Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:25 am
Browser:	Safari 14.0 / OS X
IP Address:	24.218.81.11
Unique ID:	781791150
Location:	42.393100738525, -71.134498596191

Name	Ariela Lovett
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Affiliation (town or organization)	Massachusetts Municipal Association
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EZdbI83U-exLo_R2auqyMPQB8J2gniiym8oMIGmhI038FA?name=/103686249_MMALetterCleanEnergyandClimatePlan.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:26 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	155.91.45.235
Unique ID:	781791604
Location:	40.221599578857, -75.237998962402

Name	Rebeca Plank
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please include a ban on the use of gas-powered leaf blowers in the Clean Energy and Climate Plan for 2030. They are disruptive and more sustainable solutions exist.
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:35 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	146.115.72.238
Unique ID:	781797235
Location:	42.442798614502, -71.23169708252

Name	Craig Sherman
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Affiliation (town or organization)	Arlington
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	"Point of use" energy storage (in homes and businesses) has the potential to substantially delay the need for grid upgrades by substantially reducing peak needs for electricity flowing in the grid.
---	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:39 am
Browser:	Firefox 86.0 / Windows
IP Address:	68.163.105.36
Unique ID:	781799596
Location:	37.750999450684, -97.821998596191

Name	Pamela Kristan
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am a Boston residence and support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy. Please include the elimination of gas powered leaf blowers in the Clean Energy and Climate Plan for 2030.
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:50 am
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	172.58.219.251
Unique ID:	781806355
Location:	42.36600112915, -71.123001098633

Name	Susan Murphy
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Affiliation (town or organization)	City of Melrose
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
------------------------------------	--

Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

Leave a comment or suggestion about this strategy.	<p>I think you are missing an opportunity to leverage property turnover as an intervention point. The state should mandate Home Energy Scorecards or the DOE Home Energy Score upon sale or rental of a home or other property. From the perspective of someone working on municipal outreach for home energy efficiency and electrification this would be an extremely helpful entry point to engage residents in energy efficiency. It would also motivate landlords to take advantage of MassSave incentives.</p> <p>In the meantime can you speed up this Home Energy Scorecard rollout? We on the municipal level are looking for a system like this for our programs. The pilot was years ago now, what is the holdup?</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:51 am
Browser:	Safari 14.0.2 / OS X
IP Address:	69.130.73.251
Unique ID:	781807037
Location:	44.896301269531, -70.326301574707

Name	Bradford Hager
-------------	----------------

Affiliation (town or organization)	Massachusetts Institute of Technology
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies General Comment or Letter Upload
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Greenhouse gas emissions from Hydro Quebec reservoirs published in the peer reviewed scientific literature are an order of magnitude larger than the value claimed by Hydro Quebec. The published emissions are comparable to those from natural gas powered plants.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.	Locking in purchase of dirty hydropower from NECEC will discourage development of cleaner alternatives.
---	---

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ebw-y79f7lhJnS0QqslNGfgBU-1F-niN6TFwQKsmk_7oBg?name=/103686249_NECEC_Corps_Review_Hager.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:18 am
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	173.166.78.205
Unique ID:	781823942
Location:	42.309898376465, -71.12020111084

Name	Keihly Moore
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Please select the sectors and strategies on which you would like to comment.

Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:26 am
Browser:	Safari 14.0.3 / OS X
IP Address:	72.74.129.137
Unique ID:	781829282
Location:	37.750999450684, -97.821998596191

Name	ML Grimaldi-Marvel
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Affiliation (town or organization)	Jamaica Plain , MA 02130
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I support banning gas powered leaf blowers. Because two-stroke engines release as much as 30% of the fuel mix they need to run, they are a great contributor to air pollution. The displacement of nanoparticles into the air we breathe is extremely deleterious to human health and especially to the lungs. Respiratory health is always important but even more so in the new era of coronaviruses. The noise generated by GLBs is harmful to our hearing and highly disruptive when trying to concentrate on work or reading.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:36 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	50.234.189.44
Unique ID:	781835602
Location:	42.380001068115, -71.13289642334

Name	Marianne Jorgensen
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Please select the sectors and strategies on which you would like to comment.

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

Adjust Public Land policies to reflect the critical role of forests. The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Implement a Carbon Accounting Framework for reaching net-zero. Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Adjust Public Land policies to reflect the critical role of forests. The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Implement a Carbon Accounting Framework for reaching net-zero. Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Adjust Public Land policies to reflect the critical role of forests. The CECP should acknowledge the significant policy differences between public and private forest management. Policy should consider permanently protecting from commercial exploitation all state-owned forest lands, for their carbon storage potential. The Plan should create a Carbon Reserve Program and transfer funding and staff from the existing DCR logging programs to create a new Carbon Accounting and Verification Team to ensure that carbon storage needed to reach net-zero by 2050 will be accomplished by maximizing carbon storage on the approximately 1 million acres of publicly-owned forests.

Revise incentives for protecting Private Forest Lands, Promote Proforestation.

Reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote Proforestation (protecting existing mature and intact forests) through property tax reduction (Chapter "61 C"), extending the enrollment period to 20-years. Rapidly develop Statewide or regional aggregation programs for voluntary carbon credits to help further incentivize carbon storage by private forest owners. These aggregation programs can be modeled on electricity and solar REC aggregation examples, by providing some initial funding to Regional Planning Agencies and local land trusts. Once established, these carbon credit programs will become self-funded programs.

Stop promoting consumptive uses of forests.

Revise Strategy L3 to promote forests intact, and stop promoting more consumptive uses of forests like developing a market for biomass and "junk wood", production of CLT and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Implement a Carbon Accounting Framework for reaching net-zero.

Modify Strategy L4 to immediately implement the best existing Carbon Accounting System, and rapidly develop the Carbon Market Framework, instead of waiting an additional five years (until 2025) as proposed in the CECP. This is essential to ensure that the Commonwealth will be able to meet or exceed the net-zero goals outlined in the 2050 Roadmap. What happens to our mature forests over the next 10-years will have a major impact on their ability to scale-up to the levels of carbon storage necessary to meet the net-zero goals.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:40 am
Browser:	Chrome 88.0.4324.190 / Windows
IP Address:	75.127.214.234
Unique ID:	781837601
Location:	40.756999969482, -73.581398010254

Name	David Ahrens
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Please select the sectors and strategies on which you would like to comment.

Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
--	-----

Please describe the drawbacks you see for this strategy.	CHP should be supported as it reduces existing greenhouse emissions especially from oil systems.
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
--	----

Leave a comment or suggestion about this strategy.	CHP should be supported especially when it can show greenhouse gas savings.
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:48 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.26.187.238
Unique ID:	781842736
Location:	42.327598571777, -71.232803344727

Name	Philip Vergragt
-------------	-----------------

Affiliation (town or organization)	350 Massachusetts for a better Future
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
---	----------------------------------

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please read the attached letter by 350 Mass
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ESKAJ5-OlZdHu4va1Ac6L2wBe4_5ih0ie52mD8QOXodP_g?name=/103686249_350MassachusettsforaBetterFuturereactionto2030CECP.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:55 am
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	173.162.165.54
Unique ID:	781846801
Location:	42.772598266602, -71.509201049805

Name	Robert O'Koniewski
-------------	--------------------

Affiliation (town or organization)	Massachusetts State Automobile Dealers Association
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Please select the sectors and strategies on which you would like to comment.	<div><div>Transportation Sector Strategies</div><div>Buildings Sector Strategies</div><div>Electricity Sector Strategies</div><div>Non-Energy Sector Strategies</div><div>Land Sector Strategies</div><div>General Comment or Letter Upload</div></div>
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

Non-Energy Sector Strategies

Land Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EYUjRgtgU_BMrHhx0fmP1M4BZbCcF8szyUwmKew2yz3Mg?name=/103686249_CleanEnergyandClimateReport2030MSADAComments32221final.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:56 am
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.102.232.150
Unique ID:	781847687
Location:	40.174999237061, -76.307800292969

Name	Sam Lehr
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Affiliation (town or organization)	Coalition for Renewable Natural Gas
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements
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Non-Energy Sector Strategies	N2: Implement Best Practices Around Residual Non-Energy Emissions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

Non-Energy Sector Strategies

N2: Implement Best Practices Around Residual Non-Energy Emissions

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ee7f36llm-NPq4H-dE-_OpQBhgUww9rIMd8614HJvH26SQ?name=/103686249_210322RNGCCommentson2030Roadmap.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:01 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	216.193.171.82
Unique ID:	781850842
Location:	42.173301696777, -72.771499633789

Name	Alexandra Osterman
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Affiliation (town or organization)	Climate Action Now (CAN)
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	I would like to see this program start sooner than 2023. I would like to see the goal be more than 30% reductions in emissions by 2032. These next 10 years are crucial for stopping catastrophic effects of climate change. We need to be exceedingly bold. The time for slow incremental changes is past.
---	---

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	To increase the % ZEV dramatically Car rental agencies should be immediately required to purchase a certain % EV's. If people have experience driving EV's they will be more comfortable purchasing EV's because they are excellent cars. Dealerships should be given mandatory trainings on EV's and benefits of them. As an EV owner I found the dealership staff were not well educated on these cars. Also state inspections are an opportunity to provide educational materials to drivers re benefits of EV's and rebates, leases, 0% loans available. Drivers Ed companies could be required to teach young people on EV's. This would increase familiarity and comfort level with EV's.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	This strategy is too vague and tentative - "will explore", "will investigate." There need to be more aggressive incentives for purchasing and driving EV's right away. An escalating carbon tax for all people still driving ICEV's, starting right away but very very small, added to the annual cost of inspection and going up each year. Coupled with aggressive subsidies for purchases of EV's. This will be expensive but we can either do this now or disaster relief later.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Very important to improve charging capabilities. As an EV driver right now (Nissan LEaf), charging stations are few and far between and mostly proprietary, so Tesla drivers can charge places LEaf drivers can't. Gas stations should be required to put in EV fast charging stations immediately. Highway rest areas should all have fast charging stations. Any new parking lot should be required to put in a certain % of parking spots with fast charging. This strategy needs numbers and dates attached- how many charging stations to be added each year for the next 10 years. Goals need to be BOLD.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	As in other sections this is a good strategy but it needs to be more clear and decisive and bold. Part of facilitating markets needs to be making it more expensive to drive internal combustion vehicles. This could be through a gas tax (our gas prices are much much lower than those in Europe, for instance), starting immediately but very low, but increasing each year and coupled with education on EV's and public transportation options. Car insurance- we pay health insurance in case we get sick. WE are making the planet sick with our emissions, so there could be premium reductions for driving EV's and slight increases for driving gas powered vehicles.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Excellent ideas re telework, smart growth. Rideshare- there needs to be investment in air filtration/purification systems so that people will feel comfortable in post-covid world carpooling or taking mass transit. Decreasing VMT is important. State inspection could be a time to address this- each year mileage could be recorded and in the second year doing so the person could be either given a break on inspection fee for lower than average miles travelled or have to pay extra for more miles travelled, with educational materials on importance of reducing miles travelled and ways to do so. Living in a rural community public transit is almost nonexistent. IT is practically impossible to live in my town without a car. There need to be some options in rural communities for people to be able to get to a grocery store or get food delivered.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:04 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781853095
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

B1 - Perverse MassSave Incentives - Duct System Impact

The current MassSave incentives for fossil fuel combustion heating should be terminated as soon as possible. From the CECP:

"all available program resources are directed to clean heating systems no later than the end of 2024."

The high air temperatures produced by fossil fuel combustion results in heating duct distribution systems that can make retrofit of heat pumps with their much lower supply air temperatures much more difficult, and can result in comfort issues. Higher supply air temperatures allow smaller, leakier, duct systems in unconditioned attics, etc. to deliver sufficient comfort, where lower temperature heat pump supply air would not. Duct systems are 'baked into' the building, and can result in the demolition of interior drywall and/or expensive remediation, for heat pump retrofit. Even if future heat pumps can produce higher air temperatures, it will be at a cost of COP. Act now or be forced to deal with more problematic duct system 'lock-in' to dis-incent heat pump retrofit later, due to both first cost and annual operating cost.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:06 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781854604
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

B1, B2-Perverse MassSave Incentives - HP DHW Tank Sizes

The current MassSave incentives for Heat Pump DHW are backwards. Every Mechanical Engineer I've discussed this with can't believe the MassSave incentives are much less for tank sizes above 55 gal, e.g. the popular 80 gal residential products. A larger tank can serve the same family by remaining in heat pump heating mode longer, avoiding use of supplement electric resistance heating. A larger tank can better accommodate Time Of Use heating to avoid peak grid load. A larger tank can be used as a 'battery' to store surplus roof PV generated electricity. A larger tank can be used in demand response, for which additional incentives should be considered for 'connected HP DHW' under the control of the electricity utility, as Vermont (DR catalog indicates 0.5 KW) has done. Provide incentives now for HP DHW with built-in demand response capability to provide an easy upgrade path. Act now or lose operational flexibility in the future due to equipment 'lock-in'. Current MassSave incentives for HP DHW heaters do not apply when there is an existing gas fired DHW heater - exactly the opposite of what is desired.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:08 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	76.24.27.74
Unique ID:	781855889
Location:	42.364601135254, -71.102798461914

Name	R Stout
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Affiliation (town or organization)	Jamaica Plain
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please BAN gas-powered leaf blowers. They are a menace to the environment as well as to the mental health and well-being of people living in our community. There are battery-powered alternatives that are both better for the environment and do not have the mental health repercussions of the noisy gas versions. Numerous studies have been done on the implications of human-created noise on mental health. An easy way to begin protecting our urban soundscapes from unnecessary noise pollution is to ban the use of gas-powered leaf blowers.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:09 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781856558
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	The public must be prepared for, and accept, the resulting fossil fuel price increases in a politically acceptable way.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>B3 - Start of Sales Process to Project Completion Delay</p> <p>A major home improvement project like a heat pump installation and enclosure retrofit will experience a substantial delay after: fuel prices increase and incentives are in place to stimulate action, homeowners get around to getting quotes from high performance home improvement contractors, the project is scheduled, implemented and begins delivering savings. The current CECP specifies a delay to instituting the 'up front' actions necessary to drive a high rate of adoption that is much too long, and will likely fail to deliver 1,000,000 '2050 compatible' existing home transformations by 2030. The current CECP should be updated with a realistic timeline supported by pragmatic marketing assessment and realistic assumptions for execution time to properly prepare the implementation phase with a realistic starting point and appropriate sense of urgency.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:11 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781858425
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	While better for public health, the additional cost to retrofit ventilation distribution to bedrooms will be a challenge.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>B2-Air Sealing and Ventilation - Air sealing homes reduces so-called 'natural ventilation' such that some ECM 2 homes, and most or all of ECM 3 and ECM 4 homes will encounter frequent CO2 concentrations in excess of 2000-3000 ppm in bedrooms with doors closed overnight. The Buildings Sector report specifies "Demand-Control Ventilation" in Appendix B Table 23. This does NOT address how fresh air is introduced into a bedroom with the door closed - which would typically be done by ducting from an ERV/HRV mechanical ventilation unit. This will be a challenge to retrofit in many homes, the cost of which is not addressed, nor is the homeowner resistance to assuming additional expense in favor of 'keeping things as they are' which currently works for them. The CECP should acknowledge the ventilation system distribution issue and take the cost, difficulty and homeowner resistance to retrofit it into account</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:12 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	204.14.69.74
Unique ID:	781858701
Location:	42.940299987793, -71.443496704102

Name	Thomas Matuszko
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Affiliation (town or organization)	Berkshire Regional Planning Commission
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ERHiDiZwzi9Gmr2vYSSK7NYBWrBV_EjrrYTlbY1Vbnn48w?name=/103686249_CECPCCommentLetterApproved_BRPC_2021.03.18.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:14 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781860350
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Financing/Incentives for municipal electric companies will be necessary to induce the required rate of adoption, customers will resist rate increases to pay for this.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	B3-Municipal Electric Companies - Many of us (served by municipal electric companies and do not have gas heating, so have no access to MassSave programs This is not addressed in the CECP, to meet the goals of the 2030 CECP, implementation must be addressed, particularly in how these services would be financed. Failure to address munis can result in higher heating loads due to lack of appropriate thermal enclosure improvement incentives.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:17 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781862268
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Immediately begin public education about the goals and strategies of the 2030 CECP, it will take years to gain public understanding and acceptance prior to implementation 'at scale.'
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	B3-Incentives Will Not Suffice - Incentives alone will not compel the large numbers of homeowners stipulated by the CECP to undertake modernization of their homes to '2050 compatibility' at the necessary rate. It will be necessary to initiate a compelling educational and marketing campaigns followed by 'customer touch' assistance with project planning and knowledgeable third party guidance to catalyze the number of retrofits required. The status quo is always more comfortable
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:20 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781863951
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Need to address the retrofit of homes with a wide variety of heating distribution systems in CECP.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	B2-Hydronic Heating Distribution - Many homes use baseboards or radiators to distribute heat, and cannot be easily retrofit with heat pump duct systems. Installing a ductless head in each bedroom will cause a mismatch between heating load and heating equipment, resulting in the 'oversizing' of the outdoor unit. This will cause 'short cycling' in less frigid weather, resulting in much lower COP, higher energy bills and homeowner dissatisfaction, potentially a powerful marketing disincentive working against heat pump deployment at scale. Many consumers will resist installing a ductless head in a bedroom for reasons of aesthetics, noise, cost, etc. The CECP does not address this issue, nor the resulting cost or impact on adoption rate.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:24 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	141.154.52.170
Unique ID:	781866649
Location:	37.750999450684, -97.821998596191

Name	Michael Duclos
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Affiliation (town or organization)	Energy Efficiency Associates, LLC
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>B3-HVAC Installer Bias to Including Fossil Fuel / Heat Pump Hybrid Solutions - Field data indicates that some HVAC installers sell heat pump upgrades that leave some fossil fuel heating capability in place, selling the client on a 'swap over' outdoor temperature below which the fossil fuel equipment does all the heating, selling this feature as 'fuel cost optimization. ' Customers have the security of a familiar backup heating system, pay less for a heat pump that does not cover the full heating load of the home at lower temperatures, and currently may save money. The CECP does not recognize this issue. It should and provide a compelling argument for another path, or allow GHG emissions from supplying perhaps 30% -50% of the annual heating load from fossil fuels from these heating systems and find GHG emissions reductions in other ways or sectors.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:41 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	72.70.245.98
Unique ID:	781877213
Location:	42.161701202393, -73.327697753906

Name	Betsy Browning
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>The state's decarbonization strategy falsely assumes that emissions from burning waste products, in particular wood residues, will have zero carbon emissions. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:41 pm
Browser:	Firefox 86.0 / Windows
IP Address:	146.115.93.63
Unique ID:	781877261
Location:	42.372200012207, -71.178703308105

Name	Jake Kailey
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Affiliation (town or organization)	Watertown
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Other state goals, including air quality benefits, quality of life, and equity, are advanced by investing in transit. More ambitious VMT reduction goals make 100% electric vehicle sales by 2035 more reachable by providing alternatives to car ownership.
--	---

Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>A heating fuel emissions cap is the necessary foundation to support related policies such as building codes, Mass Save programs, and thermal electrification.</p> <p>It is critical to establish a cap as soon as possible to create sustainable funding for programs that replace fossil fuel heating systems with low-carbon alternatives, such as heat pumps.</p>

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>Renewable energy is one of the easiest ways to reach 2030 carbon limits.</p> <p>Cleaner electricity supply multiplies the impact of every electric vehicle and heat pump from now until 2030.</p> <p>Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.</p>

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:44 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	206.155.88.190
Unique ID:	781879614
Location:	40.731700897217, -73.988502502441

Name	Huck Montgomery
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Affiliation (town or organization)	Liberty Utilities
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 3. Neutral
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Do you see any key DRAWBACKS to this strategy?	Yes
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.	Recognizing that decarbonized fuels like renewable natural gas (RNG) and hydrogen can be delivered and utilized by existing systems, we urge you to consider building systems which are able to make use of these fuels to be "2050 compliant."
---	---

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 2. Moderately support
--	------------------------------------

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
---	---------------------

Leave a comment or suggestion about this strategy.

We urge you to consider the role gas LDCs can play in deploying expanded building envelope retrofits, building on energy efficiency programs which exist today as well as new models for utility provision of energy efficiency services, as well as the potential for clean heating systems which utilize existing gas distribution networks and gas LDC customer relationships.

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

No

Leave a comment or suggestion about this strategy.

Per the attached letter, Liberty supports the Commission and Task Force, and looks forward to participating and supporting their work.

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EbUZZrkaenxPoSGr6mNeCRkBcl_gyonE_mhIJyJEov30vA?name=/103686249_LibertyCECPCCommentsFINAL.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:54 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	66.31.131.171
Unique ID:	781885394
Location:	42.087600708008, -71.407302856445

Name	Harvey Michaels
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Affiliation (town or organization)	MIT Faculty and PI Cities and Climate Change Program
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Other*
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Benefits Other	If done as described below, all apply. If done as in the plan and roadmap, none apply.
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Failure to properly consider the opportunity for hybrid heat, and failure to properly consider the damage done by a focus on air-source heat pumps at scale. Also, the deep efficiency approach isn't workable.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.

Thank you sincerely for the Commonwealth's leadership on climate. I do hope to have the opportunity to discuss our work at MIT and consider with you how to take advantage of the hybrid heat opportunity, while avoiding the peak winter heat pump insurmountable problems. Here are the main elements:

The plan relies on more air-source heat pump-at-peak, which could be truly disastrous at scale beyond what your model and concerns expressed. The Roadmap's building sector analysis seems to miss that the true market cost of electricity at peak winter times, when ASHP efficiency drops by 50-75%, even today is 10x the median price of electricity. Higher peak cost differentials are certain in the future especially in very cold weather, and these are directly or indirectly paid for by our citizenry. As Texas has shown, where the market spiked to 100x the normal electric price during an extreme winter weather event, and as well the electric system failed, the risks are too high.

We must avoid using electricity for heat at these times. And pressing forward with the impact on the electric system that ASHP at scale would create will result in a strategic failure for our efforts even if we accomplish it. Even if we choose the pain for this approach, other jurisdictions seeing the impact won't follow our example, and as a result, our state's reduction in emissions will not lead where it must to contribute meaningfully to a world climate solution. Therefore, we must only craft solutions that are win-win-win. Air source heat pump at scale is not.

Hybrid heat is such a strategy. While we move to almost universal use of air conditioning as is required by a warming climate, we can transition effortlessly to using heat pumps down to about 30F, when heating electric loads will match the summer AC power demand. However, below that temperature, hybrid systems begin to use a backup system, which may be oil or gas heat. If a home uses both systems in this manner, it is about 60% site decarbonized. With building intelligence, cold weather heat pumps, advanced electric pricing, and conventional efficiency upgrades, it can inexpensively achieve 80% decarbonization. This is the best approach for 2030, at minimum, and will much more easily achieve the new legislative requirement for 50% mitigation by that time. Yet it appears to be missing entirely as a strategy in the plan.

Here are some additional specifics:

The combination of adding air-source heat pumps with tandem use of the existing gas or oil system is often almost free to do, money-saving throughout the year, reduces on-site carbon use from 50-80%, adds nothing to the utility system peak, and is happening now in the marketplace. It costs practically \$0 when an existing air conditioner unit needs replacement anyway, as well as \$0 additional when a household chooses to install ductless mini-splits rather than continuing to lug in window AC's. Ductless mini-splits have a very large and growing

unsubsidized market throughout the world.

These combo systems, which we call Hybrid Heat, are the cornerstone of the strategy for heat electrification in Maine and are 90%+ of the use of heat pumps in Vermont. AC-to-heat pump substitution, when AC replacement is needed anyway and required every 8-12 years, is being used by major home heat-and-AC service providers in the Boston area, who at times do not even tell the buyer that they are putting in a heat pump rather than a conventional AC replacement unit. Then, they set the system thermostats to only use the heat pump above 40 degrees F, when electricity is always cheaper than gas for heat. This, by itself, saves 50% of the on-site carbon use. With better controls, better heat pumps, better electric pricing that reflects market prices, and highly cost-effective basic Mass-Save efficiency upgrades, we can easily get to 80% site decarbonization at little cost in these same homes.

Yet this hybrid heat strategy, which can get a home to 80% site decarbonization with almost no up-front cost when AC replacement or purchase is being made anyway, and with only energy bill savings at all hours of the year as well as zero contribution to electric system peaks, seems to be missing entirely in the Roadmap Building Sector Technical Report and model analysis.

The impact of properly looking at this will likely be that crafting an additional buildings scenario with focus on hybrid heat, at least until 2030, can get us to 50% more easily (as the legislation will require), and without the cost and difficulty of the deep efficiency path.

Meanwhile, we need to look at strategies for the last 20% that won't be painful and expensive for the next decade; certainly network geothermal and low carbon fuels will prove better than building out an electric system for peak use of air-source heat pumps (ASHP).

In summary: again we must only craft solutions that are win-win-win. Hybrid heat is such a strategy. Air source heat pump at scale is not.

Thank you for reading; I do hope we will be in further contact regarding MIT's work on meeting the challenge of heat decarbonization effectively.

Harvey Michaels

MIT Sloan Faculty, Energy and Climate Management
MIT Environmental Solutions Initiative, PI, Cities and Climate Change
Program

***@MIT.edu

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 12:57 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.62.60.120
Unique ID:	781887690
Location:	42.348400115967, -71.155097961426

Name	Eben Bein
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Affiliation (town or organization)	Our Climate Massachusetts
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQHDuzDTFz5MpOmQ-f9Nqh8BQ-2zAZpohBZRx2zw07NONQ?name=/103686249_2030CECPPublicCommentOC.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:21 pm
Browser:	Safari 14.0 / OS X
IP Address:	71.192.173.215
Unique ID:	781901986
Location:	42.349601745605, -71.074600219727

Name	Martyn Roetter
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EfCAT-n05wpDiZD1AVgHSKcBsvU50QiTolb8n-6sgf6dSQ?name=/103686249_EEACleanEnergyPlanletterSecretaryKathleenTheoharides.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:29 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.184.18.68
Unique ID:	781906440
Location:	41.700099945068, -70.308799743652

Name	Gordon Starr
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Affiliation (town or organization)	Town Councilor, Barnstable
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

General Comment or Letter Upload

Please leave a general comment about the CECF here.

Please raise the emissions target from 45% to 50%. Also, create an opt-in Net Zero Stretch Code by 2022. I am a Town Councilor and we need strong leadership a the State level to help us make our community more resilient and sustainable.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:30 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.100.6.207
Unique ID:	781907130
Location:	43.646999359131, -72.561698913574

Name	Bill DiCroce
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Affiliation (town or organization)	Vicinity Energy
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:31 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	96.230.127.154
Unique ID:	781907262
Location:	41.880298614502, -70.881500244141

Name	Kimberly French
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Affiliation (town or organization)	Middleborough
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I live in Middleborough, an environmental justice community. My concern is about the difficulty of low/moderate-income residents to access meaningful incentives for weatherization, retrofitting, and strategic electrification.

MassSave benefits primarily white, affluent residents, and I know that's true of our municipal utility's far more limited energy efficiency program. The people who get the incentives are mostly those who have the time, motivation, knowledge, and additional financial resources to undertake large projects to weatherize; electrify their heating, appliances, and cars; and install renewable technology. That needs to change. To fund large-scale weatherization for low-income people, we need a climate bank or large state-wide financing program-ideally one that can stay with the meter and not be dependent on credit rating. Fossil fuel incentives need to be eliminated entirely.

We need workforce training for employees displaced in the transition away from natural gas and other fossil fuels, as well as unemployed and underemployed workers in our economy. And we need training for architects, builders, tradespeople and building inspectors to install and operate electrified buildings.

Massachusetts does a poor job of measuring methane leaks from natural gas pipelines. There is more in the air than what the state measures. This plan needs a more comprehensive and equitable methane/natural gas transition plan than what is described here.

The 2030 goal to reduce emissions by 45% over 1990 is much too low. The United Nations Intergovernmental Panel on Climate Change says we must achieve 50% to avert the worst climate catastrophes. A state like Massachusetts, with its political will and resources, needs to step up and do even more. The first 20% emissions reduction requires far less effort than the last. We need more rapid reduction immediately. The big opportunity is to be more aggressive with our building energy use. To get to a 2050 goal of either net zero or 100% renewables, we need to fund low-income households to transition to new technologies first.

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EWsRbDqniWtLoWnoAMK1jJMBAturQcKc07-6z_NsbAMNg?name=/103686249_CommentonCleanEnergyandClimatePlanfor2030.docx

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:36 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	173.48.66.165
Unique ID:	781910225
Location:	42.369899749756, -71.235298156738

Name	Sarah Dooling
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Affiliation (town or organization)	MCAN + grassroots organizations
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:37 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.151.131.120
Unique ID:	781911221
Location:	42.062801361084, -71.643699645996

Name	Sarah Heller
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Please select the sectors and strategies on which you would like to comment. Land Sector Strategies

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure
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L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	The main drawback is that it is not aggressive enough. "No net loss" of forest should be replaced with a goal of increase in forested land.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	No-till farming should be publicized through an educational campaign. Financial incentives should be provided to farmers to adopt no-till farming.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent do you support this strategy?	Choose one = 5. Strongly oppose
Benefits Other	Incentives to use trees for manufacture durable goods is not a good idea.
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	A living tree will sequester carbon for 2-300 years while a durable good may last 80-100 years at best. Plus a durable good does not sequester any carbon and burns carbon in producing it.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
Leave a comment or suggestion about this strategy.	There should be incentives to use bamboo, or hemp for durable goods. Using our local trees is a poor use of resources. Forests must be preserved as they provide for highly effective carbon sink and storage without any capital outlay. Trees have a lifetime of hundreds of years. There are plenty of other alternatives for production of durable goods. Recycling existing plastic is better than cutting down trees. In addition, Trees also provide for optimal overall environment. See the book "Water in Plain Sight" and other research.

L4: Develop Sequestration Accounting and Market Frameworks

To what extent do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	It is very important to be able to measure the effects of a strategy in order to be able to win public support as well as decide between various alternatives.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:45 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	76.19.143.96
Unique ID:	781915474
Location:	42.349201202393, -71.059196472168

Name	Kate Dineen
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Affiliation (town or organization)	A Better City
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L4: Develop Sequestration Accounting and Market Frameworks
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Land Sector Strategies

L4: Develop Sequestration Accounting and Market Frameworks

Leave a comment or suggestion about this strategy.

Over the past year, A Better City has been actively engaging our member organizations, partner organizations, and stakeholders across all sectors around best practices for carbon offsetting. Due to climate commitments at the city- and state-level in Massachusetts, we know that up to 10% of emissions in the City of Boston under "net zero" could be accounted for through tools like offsets and up to 15% of statewide emissions could be compensated for by offsets come 2050. While the CECP for 2030 does not explicitly mention offsets, Strategy L4: Develop Market Sequestration and Accounting Frameworks will require the establishment of accounting and market-based structures like a regional offsetting program.

A Better City recommends establishing a new strategy within the natural and working lands chapter to develop offsetting best practices to inform the proposed market-based accounting frameworks for carbon sequestration referenced in Strategy L4. Particularly as Strategy L4 references a market-based framework that could operate at a regional scale in a way that allows the purchasing of "least-cost sequestration services from its neighbors across the Northeast," it will be vital for the CECP to establish offsetting best practices at the state-level, as well as across the region. In particular, the Commonwealth will need to ensure that there is no double counting within the participating Northeast states and no "leakage" of emissions outside the accounting system's region. Additionally, it would be helpful for offsetting best practices to align with existing U.N. Sustainable Development Goals (SDGs), to allow for stakeholders to also maintain their international climate commitments.

Finally, the CECP does not specify if Strategy L4 will solely address future emissions, or will also address the sequestration of historic emissions in the Commonwealth. A Better City recommends EEA provide further clarification on the scope of the intended market-based sequestration and accounting frameworks. More detail on recommended offsetting best practices and the CECP's Carbon Sequestration Task Force may be found below:

- Offsetting Best Practices: These must prioritize market sequestration frameworks that are verifiable, transparent, equitable, and permanent in order to ensure an effective achievement of the CECP's carbon sequestration goals. A Better City recommends:
 - o Following the PAVER+ framework for offsetting, developed by the World Resources Institute, which stands for permanent, additional, verifiable, enforceable, and real offsets, with the additional "plus" capturing co-benefits beyond CO2 emissions sequestration or avoidance. Such co-benefits could include air quality and health benefits, stormwater retention and other ecosystem services, and local community workforce development, to name a few examples.
 - o Including the additional best practice of "contemporary relevance" or ensuring that any carbon credits sold and accounted for within the Northeast region are available at the time of sale, rather than realizing their full potential at a future date after the time of sale.
 - o Committing to a "no net loss" policy for natural and working lands at both

a state-level and regional scale, to ensure that our existing carbon sequestration "sinks" are utilized to their best ability in order to accomplish our CECP sequestration goals.

- Carbon Sequestration Task Force: A Better City has engaged our member organizations across sectors as well as partner organizations interested in carbon offsetting over the last year. We therefore recommend that A Better City and other carbon offset experts in the Greater Boston business community be included on the Carbon Sequestration Task Force. As our members operate at the local, regional, state, national, and international levels, we believe that our expertise and research in offsetting best practices at various geographic scales and across different sectors' needs will help to strengthen the outcomes of the Carbon Sequestration Task Force, due to convene in 2021.

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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:47 pm
Browser:	Chrome 88.0.4324.150 / Windows
IP Address:	71.88.47.136
Unique ID:	781916629
Location:	42.195499420166, -71.846298217773

Name	Ross Hubacz
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Affiliation (town or organization)	Society of American Foresters- Massachusetts Chapter
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Electricity Sector Strategies Land Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Electricity Sector Strategies

Land Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EbwjmxffLqtAiHa6ij_Y3zQB7qzikFhA-Rw3l1kPtNxZsA?name=/103686249_MA_SAF_CECP_Public_Comment.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:48 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	38.34.110.216
Unique ID:	781916983
Location:	37.750999450684, -97.821998596191

Name	Michelle Ciccolo
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Affiliation (town or organization)	15th Middlesex District
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EdbLv-oMaFRPsE2JU0gOaZEB_htNuiQExgLKO51PVB_-9w?name=/103686249_3.21.21CECPCommentsRepCiccolo.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 1:50 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	76.19.143.96
Unique ID:	781918394
Location:	42.349201202393, -71.059196472168

Name	Kate Dineen
-------------	-------------

Affiliation (town or organization)	A Better City
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

A Better City's comments in this section are specific to strategies within the buildings sector, specifically relevant to commercial, industrial, and institutional buildings. These comments also assume that the version of the Climate Bill (S.30), currently on Governor Baker's desk, is ultimately signed into law.

The CECP strategies for reducing emissions from the buildings sector are almost exclusively focused on the electrification of thermal heating, which excludes huge hurdles ahead, including: deep energy building retrofits; workforce development; grid and building electric capacity; clean, reliable, and affordable electricity; and a statewide financing program or climate bank. As explored further in A Better City's June 2020 report "Thermal Electrification of Large Buildings in the Commonwealth," a variety of policies and strategies will be required to address the market barriers to thermal electrification technologies.

Therefore, in addition to the strategy-specific feedback outlined below, A Better City recommends that EEA develop stand-alone strategies for each of the following priorities:

- **Prioritize Deep Energy Retrofits:** Deep energy retrofits in commercial buildings are currently untested. We have worked diligently with members and partner organizations over the last two years to encourage the piloting of deep energy retrofits in different building typologies, without success. Although the CECP report states that about 40% of HVAC equipment is expected to retire in commercial buildings in the next decade and that for many of these buildings, heat pump systems will be the least-cost decarbonization option, our members have reported that without pursuing deep energy retrofits first, a heat pump system would at least double energy costs. Our members are also concerned that these costs will escalate with increased ventilation requirements post-pandemic. As these deep energy retrofits happen infrequently, A Better City recommends establishing a dedicated funding source beyond Mass Save incentives to advance deep energy retrofits in the commercial, industrial, and institutional sectors.
- **Establish Foundational Workforce Development Initiative:** The goals of the CECP cannot be accomplished without a strategic, comprehensive workforce development initiative to train our residents for the jobs of tomorrow. Although mentioned as an action item in Strategy B2 and Strategy B3, workforce development should be elevated to its own, stand-alone strategy with an emphasis on providing career training and placement for those in underserved and environmental justice communities. The specific skills that will be required include the design and construction of deep energy building retrofits; the design and construction of high efficiency buildings; the installation and operation of heat pump technologies; the installation and maintenance of onsite renewables and the procurement of offsite renewables; and broadly-defined building

operations. A Better City urges EEA to launch a comprehensive workforce development initiative in partnership with the private sector to uplift environmental justice communities and to fill the critically-needed jobs of the future. (See Strategy B2 below for additional feedback).

- **Expand Grid and Building Electric Capacity:** Grid and building electric capacity will both need to be expanded substantially to compensate for the anticipated increase in electricity demand from electrified buildings, as well as other soon-to-be electrified sectors of the economy, like transportation. As mentioned above, retrofits are essential to limiting this increase in energy demand within buildings, but even with retrofits, most buildings will require significant electricity capacity upgrades. To enable these upgrades, A Better City recommends that EEA prioritize the expansion and modernization of generation, transmission, and distribution infrastructure systems.
- **Ensure Clean, Reliable, and Affordable Electricity:** The provision of clean, affordable, and reliable electricity is a prerequisite for achieving a decarbonized buildings sector. As mentioned above, our members have reported that without pursuing deep energy retrofits first, a heat pump system would at least double energy costs. A Better City encourages EEA to use all available regulatory tools to ensure access to clean, reliable, and affordable electricity for residential and commercial customers alike.
- **Establish a Statewide Financing Program or Climate Bank:** Additional funding and financing models are needed to scale up building sector decarbonization. Although mentioned in Strategy B3, this statewide financing program for decarbonization needs to be elevated to its own strategy. A Better City encourages EEA to establish a comprehensive funding and financing strategy to support deep energy retrofits (including pilots of deep energy retrofits within commercial building typologies that do not currently exist), equitable workforce development, renewable energy generation and accessibility, clean heating, cooling and ventilation, and projects that advance both GHG reduction and climate adaptation. Additionally, EEA should remove barriers to building decarbonization in other state funding/financing programs, such as the Community Preservation Act and Massachusetts School Building Authority.

Strategy B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

A Better City supports EEA in developing a new high-performance stretch energy code to allow the Commonwealth to move toward net-zero for new construction in a deliberative, phased manner that is guided by expert industry input and enabled by the provision of incentives.

- A Better City does not support the timeline for a new high-performance stretch energy code to be presented to the BBRS in 2021 and that allows for Green Communities to opt in starting in 2022. We suggest the development and promulgation of a new high-performance stretch energy code be extended to 18 months to align with the pending climate bill and the 10th edition of the Massachusetts Building Code.
- o A Better City recommends launching a robust stakeholder engagement

process to develop a phased update of the stretch energy code. This process should be guided by a technical advisory group of Massachusetts-based practitioners representing all facets of real estate and the real estate development process. Expertise reflected on the advisory committee should span the residential, mixed-used, commercial, and industrial sectors and include those familiar with energy-intensive building stock like universities, healthcare facilities, labs, and data centers.

- o A Better City also recommends ensuring that the stretch energy code itself be structured in a phased manner to account for both technical and cost constraints-the cost-competitive availability of building technologies and the availability of reliable, clean, affordable power via the grid must lead these timelines. In general, the compliance timeline for the commercial sector should not be the same as the compliance timeline for the smaller-scale residential sector, as there are not currently sufficient examples of net-zero or extremely high performing large commercial buildings in our climate zone. Additionally, special considerations and hardship exemptions must be made for certain commercial and industrial building typologies like universities, healthcare facilities, labs, and data centers that operate 24/7 and have unique energy-intensive needs. Overall, the timeline should align with the MA Building Code 10th Edition, which is expected to be finalized in late 2022 /early 2023 through the BBRS.
- It is our understanding that this new high-performance stretch energy code would establish three codes in the near-term: the existing stretch energy code, the new high-performance municipal opt-in stretch energy code, and the base building code. In 2028, when the updated stretch energy code potentially becomes the base building code, then there will only be one code. ABC recommends clarifying this interplay in the CECP language.
- A Better City recommends requiring the provision of incentives to support stretch energy code compliance and technological innovation. Despite the strides made to date, we have been unable to identify tangible examples of large-scale, commercial/institutional net-zero building projects in our climate zone beyond the Boston University Center for Computing & Data Sciences.

###

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

Leave a comment or suggestion about this strategy.

Strategy B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

- While A Better City supports the broader alignment of the Commonwealth's energy efficiency programs and climate targets, we believe that additional analysis is needed to assess the impact of phasing out combined heat and power (CHP) incentives on the limited commercial and industrial (C&I) market segments that can still benefit from CHP's energy and non-energy benefits in the near-term, as well as the present lack of available alternative technologies and fuels that can meet these specific needs. CHP systems can provide substantial energy efficiency and resiliency benefits to large C&I building owners in key market segments (e.g., healthcare, manufacturing) and can be a crucial transitional option for hard to decarbonize buildings.
 - o A Better City therefore recommends reassessing incentives for gas-fueled CHP and that the energy-intensive market segments that benefit most from CHP have exemptions (e.g., by sector, energy use intensity, etc.) to any incentive rollback where the energy and resiliency benefits of CHP cannot be suitably replaced by other technology options.
 - o Additionally, we suggest as part of a CHP assessment that the potential role of and enhanced incentives for biogas in serving existing and new CHP systems are investigated. In particular, many businesses in Massachusetts generate and must properly dispose of significant quantities of food and other organic wastes, which could be harnessed to support increased availability of anaerobic digester gas to reduce the emissions impact of existing and new CHP systems.
- A Better City supports the need for refinement and enhancement of workforce development programs related to building decarbonization. However, what is proposed is not adequate to meet either the magnitude or the immediacy of clean energy workforce development needs if we are to meet the stated CECP goals. As discussed above, A Better City recommends that building workforce development and training be developed into a separate strategy to create the critically-needed jobs of the future, including the design and construction of deep energy building retrofits; the design and construction of high efficiency buildings; the installation and maintenance of heat pump technologies; the installation and maintenance of onsite renewables installation and the procurement of offsite renewables; and broadly-defined building operations.
 - o A Better City also supports the emphasis on equitable workforce development in underserved and environmental justice communities. In particular, we support attracting and training young and diverse participants through increased outreach and collaboration with vocational and technical schools and increased funding for internships, apprenticeships, and other job placements. Roxbury Community College's Smart Buildings Technology Program is an excellent example of this. Broadening this clean energy workforce in the buildings sector-and proactively partnering with the private sector-will be critical in ensuring that a pipeline of trained workers is available to meet our targets.

###

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Leave a comment or suggestion about this strategy.

Strategy B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

- A Better City understands and appreciates that there is not a one-size-fits-all clean heating solution for buildings in Massachusetts and that not every building can currently be cost-effectively electrified.
 - o We recently learned that the Commission and Task Force on Clean Heat are two separate entities and request this is made clearer in the CECP. Our understanding is that the Commission on Clean Heat will be made up of a range of stakeholders. We request this includes a diverse set of experience and skills that span the residential, mixed-used, commercial, industrial, and institutional sectors and includes those practitioners within buildings that are more difficult or expensive to electrify. Given our role working with large commercial building owners and tenants, we request including a representative from A Better City on the Commission. In addition to leading the Commercial Real Estate Working Group for the Boston Green Ribbon Commission, A Better City sits on the IAC buildings working group, is working with the City of Boston on the proposed Building Performance Standard for existing buildings, and sits on two of the technical advisory groups for Boston's Zero Net Carbon Standard for New Construction.
- A Better City also recommends EEA conduct a study of low-and zero-carbon fuels to understand how they could support building decarbonization, particularly in large commercial and institutional building types that are more difficult and/or more expensive to electrify. As stated in the Buildings Sector Report of the 2050 Decarbonization Roadmap, these technologies have constraints such as they are not readily available today, may take longer to scale, may face fuel supply limitation, or may be more expensive to use relative to operating an electric heat pump. However, it is important to understand the optimal application of hydrogen and other decarbonized fuels for these harder to decarbonize building types sooner rather than later.

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Form Name:	CECP Public Feedback
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IP Address:	71.192.26.98
Unique ID:	781921156
Location:	42.330600738525, -72.630599975586

Name	Kathleen O'Connor
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Affiliation (town or organization)	Westhampton
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies

Form Name:	CECP Public Feedback
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Name	Bill DiCroce
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Affiliation (town or organization)	Vicinity Energy
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

March 22, 2021

BY ELECTRONIC SUBMISSION

Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

RE: Public Comments on the Interim Clean Energy and Climate Plan for
2030

Vicinity Energy Inc. ("Vicinity") is pleased to provide comments on the Interim Clean Energy and Climate Plan for 2030 ("2030 CECP") released in December 2020. We congratulate Secretary Theoharides and the staff at the Executive Office of Energy and Environmental Affairs ("EEA") for their commitment to achieve an economy-wide reduction in Massachusetts of greenhouse gas emissions of at least 45% below the 1990 level, one of the most ambitious emission reduction plans in the United States.

The 2030 CECP and the EEA's 2050 Decarbonization Roadmap focus on actions needed to achieve "net-zero" carbon emissions by 2050 through a rapid transition to the use of carbon-free and resilient energy resources. Vicinity looks forward to working with the Administration to achieve these ambitious emission reduction targets. Last fall, we released our own 2050 Net Zero Carbon Roadmap, and, with this plan in place, we know we can make unique and vital contributions to the Commonwealth's goal.

Vicinity operates a vast district energy network that supplies thermal energy to over two hundred and thirty buildings and more than 65 million square feet of space in Boston and Cambridge. This thermal energy heats buildings, heats and chills water supply, cools spaces during summer months by way of steam-driven air conditioning and enables advanced production technologies that rely on processes such as sterilization and humidification. Vicinity serves many of the most critical customers in Boston and Cambridge, including all the major downtown hospitals. Ongoing reliability of supply to these customers is of the utmost importance as we transition to a decarbonized future.

Currently, Vicinity operates a combined heat and power (CHP) unit ("Kendall") in Cambridge, which generates electricity delivered to the grid as well as cogenerated thermal energy. Producing thermal energy from a central plant eliminates the need for installation and management of less efficient boilers on-site (thereby increasing emissions), increases the reliability of energy supply and eliminates the dangers of on-site fuel combustion. As part of Vicinity's 2050 Net Zero Carbon Roadmap, we will focus on greening our operations and migrating away from carbon emitting fuels. These efforts will have a dramatic impact on the carbon footprint of the 65 million square feet of space we serve today as well as the future buildings we connect to our system.

Section 3.01 (Sector Overview) of the 2030 CECP rightly notes that emissions from the operation of Massachusetts buildings equal approximately 27% of the Commonwealth's total greenhouse gas emissions. This is a direct result of the fact that the building sector relies heavily on on-site combustion of fossil fuels for space and water heating. Across much of the Commonwealth, building efficiencies and the electrification of heating can be relied on to decrease emissions.

However, in urban areas, dense construction and the long lives of commercial buildings will make it nearly impossible to electrify without significant retrofit costs. In these areas, production of thermal energy with progressively lower carbon content at a central plant and supplying it to end use customers through an extensive district energy distribution network will remain the most efficient and cost-effective way to condition these buildings without compromising reliability. With that reality in mind, this section of the CECP should identify district energy distribution (i.e. steam, hot water, chilled water, etc.) as a valuable tool that will be relied on by the Commonwealth to achieve its 2030 emission reduction goal.

At the end of Section 3.2, we recommend including the following paragraph:

"As an alternative to or in conjunction with heat pumps, building owners should evaluate connecting to the district energy system where available, leveraging thermal energy delivered in the form of steam, hot water or chilled water. This thermal energy heats and cools buildings by transferring energy from the district energy network to/from the buildings heating and air conditioning systems. It also enables advanced production technologies for clinical and life sciences manufacturing and research that rely on processes such as sterilization and humidification. Connecting to this system could prove to be more efficient, more reliable due to system redundancies, and cost effective depending upon the building, location and existing infrastructure. During cold periods when heat pumps require auxiliary heating to meet building requirements, district heating could provide needed "lift" to meet critical high temperature processes that cannot be served by heat pumps alone."

In addition, Vicinity recommends that the following sentences be added in the Strategies and Policies section the end of the Strategy B2 description.

"In densely developed urban areas, where building-by-building electrification may prove to be difficult and expensive, customers who are currently receiving steam through the district energy system should be encouraged to continue doing so. Customers in urban areas who are unable to electrify their heating uses should be incentivized to obtain their thermal energy needs by connecting to a district energy system that can leverage low carbon and renewable energy sources whenever feasible."

Finally, Vicinity recommends that the following sentences be added to the report in Section 3.2 after the opening line of the 2nd paragraph, following the words "stock-turnover points."

"Energy sourced through electrification, renewable natural gas, other biogenic fuels, hydrogen blends, etc. can be used to achieve carbon emission reductions with minimal infrastructure changes to facilities currently using pipeline gas. Use of energy sourced from these alternative fuels by facility owners should be incentivized."

In Section 3.2 (Getting to 45% in 2030) the 2030 CECP report proposes, in Strategy B3, the establishment of a Commission and Task Force on Clean Heat to address statutory, regulatory and financing mechanisms needed to develop reliable and affordable clean heat solutions in the Commonwealth's buildings by 2023. While the role of the Commission and Task Force, in consultation with the Massachusetts Department of Environmental Protection, is to design and recommend long-term emission caps on heating fuels, it will be imperative for this Commission to also identify sustainable and cost-efficient ways to replace natural gas and oil with clean alternatives to adequately and reliably heat buildings across the Commonwealth. As experts in the field, Vicinity would like to be an active participant on this Task Force.

In addition, the 2030 CECP requires the establishment of a new "stretch energy code" in MA to be developed in 2021 and implemented by cities in 2022-2028. Vicinity also would like to be involved in the development of the stretch energy code.

Vicinity is dedicated to a Clean Energy Future. With decades of experience tackling global energy problems on a local level, using local resources, Vicinity is committed to ensuring more efficient, reliable and resilient generation of thermal energy for consumers across the Commonwealth, especially in its urban centers. We appreciate that the report acknowledges the role natural gas, when used most efficiently, must serve as a crucial resource to ensure the reliability of electricity supply through 2030 and beyond. We urge the Commonwealth and EEA to recognize the contribution that CHP and district-wide steam distribution infrastructure can make to achieving its 2030 emission reduction goals and to be explicit in identifying it as a tool to be used in that process.

Thank you again for the opportunity to provide comments on the 2030 CECP. We welcome the opportunity to discuss these comments with the Secretary and staff.

Respectfully,

Bill DiCroce
President and Chief Executive Officer

Vicinity Energy Inc.
vicinityenergy.us

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

**Leave a comment or suggestion about
this strategy.**

Please see comment for section B2.

Thank you for your consideration.

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Name	Kathleen O'Connor
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Affiliation (town or organization)	Westhampton
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

To: Massachusetts Office of Energy & Environmental Affairs

From: Kathleen O'Connor and Frederick Spence
Westhampton, Mass 01027

Dear Secretary Theoharides and Decarbonization Team:

We would like to begin by thanking everyone who contributed to the 2050 Roadmap and the CECP. We appreciate the vast amount of work that has gone into this critical project. As invested members of a complex society facing enormous challenges, we value this opportunity to contribute, even at this late stage, to the thinking needed for the survival and thriving of all inhabitants of Massachusetts, and to the articulation of our common values that must guide all policy.

To the degree possible, our comments are listed categorically in correlation to the sections of the CECP, for ease of review.

1.4 "A New Goal: 45% in 2030."

We support a 50% carbon emissions reduction target for 2030, in accordance with senate bill S.9. We view this target as feasible, affordable and necessary. The Governor's concerns about the difference in cost between 45% and 50% do not convince us otherwise. The cost of doing less will certainly be greater, in terms of both economics and life in general.

1.5 Policy Analysis Process.

Core values are at stake. Values about how we interact with one another and with the environment upon which we all depend. This cannot be left to a panel of "experts" to decide. Roadmap 2050 is based on the goals of "stakeholders" which turn out to be financial interests that benefit from the current economy and are therefore resistant to the deep changes required to create a replacement economy more in sync with the natural world. Where we need bold goals and concerted action, we find only piecemeal incrementalism in an effort to preserve business as usual.

Social Cost of Carbon.

Conspicuous by its absence is any reference to the Social Cost of Carbon (SCC), which provides an expert estimate of the societal cost of adding one metric ton of CO₂ to the atmosphere. The SCC has become a standard component of most recent efforts to develop science-based policy to address the global climate crisis. Based on the best available science and economics, the SCC gives the estimated monetary value of the social harms incurred by adding a given amount of CO₂ to the atmosphere. The recent Technical Support Document by the US Interagency Working Group ably discusses the basis of the federal SCC estimate and the need for further refinements going forward. Recently, there has been a growing awareness that earlier estimates of the SCC were much too low. The emerging consensus is that the SCC should be more than \$100. New York state recently adopted a figure of \$125, and qualified opinion increasingly expects that the revised US SCC, due January 2022, will be similar or even larger. This is almost two and a half times the interim value adopted by the Biden administration, and significantly increases the value of investing today to prevent climate harm in the future. The SCC has become an

invaluable tool in policy making by allowing meaningful comparisons of different policy options, and its complete absence from the 2050 Roadmap process and the current CECP 2030 is disturbing, to say the least. On the other hand, it is refreshing to see that the climate change bill (S.9) embraces the social value of carbon in the context of environmental justice concerns.

As an example of how the SCC could inform climate policy in the Commonwealth, consider the potential value of keeping our state-owned forests intact to encourage maximum carbon sequestration. Estimates of the additional carbon sequestered in our forest range between 1 and 1.5 metric tons of carbon per hectare per year (and thus, 3.67 to 5.51 tCO₂eq/ha/yr) according to the Roadmap 2050. Since our state-owned forests cover some 214,000 hectares, we calculate that they can be expected to sequester between 214,000 to 321,000 tC/yr (or 785,380 to 1,178,070 tCO₂eq/yr), which would save the Commonwealth between \$98 million and \$147 million each year (using SCC = \$125) by simply leaving them alone to get on with the job. Between 2020 and 2050, this would come to between \$2.9 billion and \$4.4 billion, and all this with no additional draw on the public purse. Moreover, carbon sequestration is only one of a number of co-benefits that would accrue by leaving the forests alone and thereby making the overall social value of forest protection even higher. Failure to include SCC calculations in the land sector analysis is an example of policy negligence that should be immediately corrected. More broadly, available SCC estimates favor significant investments in climate mitigation today in order to avoid climate harm in the future. The roughly 71 MMtCO₂eq emitted by our state in 2020 incurred a social cost of almost \$9 billion, and that figure increases dramatically each year we postpone action. We are clearly investing far too little rather than any too much.

A Flawed Public Participation Process.

We are further dismayed by the way in which the public participation process has unfolded. When the public meetings to launch this process were postponed on January 28, 2021, with only two minutes' advance notice. We were informed that there would be no Q&A opportunity (which was not the case originally). We have attempted to work around this problem by emailing questions, but have still not received useful answers to our questions. We object to this failure to facilitate our involvement and to the one-week turnaround interval between webinar and deadline.

In regards to the Roadmap study, we would like to know the reason why our tax dollars were spent to produce pre-weighted comparisons that disregard the best management practice available in terms of carbon benefits. It cannot be unintentional, as the concept of Proforestation and a selection of supporting literature was brought to the attention of the EEA's Head of Land Use Policy in November of 2019, and to the Decarbonization Team at the Roadmap public meeting in February of 2020. We request that a Proforestation approach be incorporated as an alternative land use scenario. We understood that the study would "include a no-cut option." This did not happen.

B3 Strategy Actions: "Clean Heat."

Establishing state policy to increase the burning of woody biomass for heating is not a viable alternative, because it burns dirtier than coal and emits much more carbon than any fossil fuel. (See section E3 for details.) Burning biomass must be removed from consideration and classification as a renewable or green energy source forever.

4.2 "Getting to 45% in 2030: > 4.2 MMTCO₂eq Reduction: 1 GW of new transmission to Quebec;"

E1 Strategy Actions: ..."clean hydropower via a new high-voltage transmission line."

Hydro Quebec and megadams generally are erroneously categorized as "clean energy." We would like to see proper analysis of carbon and methane emissions throughout the flood zone. Furthermore, it must be emphasized that Hydro Quebec has and continues to pollute the water, including the release of mercury from flooded land, and to deprive this region's First Peoples of their traditional sustenance, cultural identity and land use. These include Abenaki, Anishinaagbe, Atikamekw, Cree, Malecite, Mi'kmaq, Innue, Naskapi, Iroquoian, Wendats and Haudenosaunee. Finally, the construction of new transmission lines to bring increased Hydro Quebec electricity to Massachusetts would involve massive deforestation and carbon release. We do not support the import of energy from this source, and must object to the proposed increase.

E3 Strategy Actions:

Review of current attribute markets to ensure those programs continue to support "on pace" clean energy deployment in a strategic, cost effective way. Per unit of energy produced, power plants using forest biomass for fuel emit 300-400% more CO₂ than fracked gas. Supplying such a dirty source to our grid is contrary to the goals of the Global Warming Solutions Act. We are doing worse than that now, by exporting woody biomass from our state forests. In fact, 50% of the trees cut down in our state forests face rapid incineration in hungry power plants. There is no place for such a practice in these times. What belongs in any Clean Energy and Climate Plan is an absolute end to using forest biomass as an industrial fuel.

Chapter 6.1. "Protecting our Natural and Working Lands:" Forest Carbon.

The CECF states as a fact that, "The 2050 Roadmap determined that Massachusetts forests have the capacity to sequester about 5 MMTCO₂e per year from now through 2050." This is a misleading figure that ignores the very Roadmap study foundational to the plan, which determined that our forests currently have the capacity to sequester "between 5 and 9.2 MMTCO₂e" (emphasis added). At the upper end of this range, the figure EEA chooses as absolute is nearly doubled. Why is this being done?

Theoretically, estimating high would facilitate at least on paper that net zero is more attainable. The EEA might answer that they are being conservative in order to put pressure on the state to dig deeper for emissions reductions, but that seems unlikely, since it is stated that we cannot meet our own goals without relying heavily on other regions to sell us their carbon credits.

A hint as to "why" may be found in the discrepancy between science-based estimates of our forests' storage capacity and the CECF. The Roadmap study shows that our forests' carbon stock growth potential is 49% by 2050, but the preselected conditions by the EEA for scenario-building result in significantly lower figures ranging from 36-39%. This difference indicates that the state never intended to consider maximizing the carbon benefits that our forests can provide. The Decarbonization Team did not have the Cadmus group develop a "no-cut" scenario, even after assuring members of the public that they would. Instead, the office had the Roadmap built to show four land use scenarios that yielded overall similar results and robbed us of the realization of 13% more carbon storage. The foregone conclusion is that, over the next thirty years, we will lose 3 to 4.5 times more live tree carbon from harvest than from land use change due to development. This is irresponsible manipulation of science-based analysis which is leading to faulty policymaking where the stakes could not be higher.

L1. Strategy Actions: "Protection and restoration of wetlands."

As with forests, it is more important to protect existing wetlands than to plan on their destruction and restoration. However, we recognize that our coastal wetlands are already foreseeably jeopardized by ocean level rise; the same forces will challenge our ability to restore them. Site specific, scientific analysis should be done to determine whether there are viable solutions that actually benefit the climate. Wetlands and forests together comprise the bulk of our carbon stores, so we are glad to see the EEA taking them into consideration.

"No net loss of forest and farmland." The Resilient Lands Initiative calls for "No Net Loss" of farms and forests. We caution against simplistic thinking in this regard. "Keeping forests as forests" is not good enough, because not all forests are equal. Comparing a broad range of forest management approaches with a range of harvesting frequency, Nunnery & Keeton of UVM found that "even with consideration of C sequestered in harvested wood products, unmanaged northern hardwood forests will sequester 39 to 118% more C than any of the active management options evaluated." We can no longer ignore these realities for the convenience of land use planning and resource extraction and consumption.

L2. Strategy Actions: "Best Management Practices."

Today's Best Management Practices ("BMPs") must center on surviving climate disruption. The outdated notion that "sustainable yield" forestry provides the greatest public good over the long-term must be re-evaluated. We do not suggest the complete elimination of wood products, but we must face up to the reality that their production directly impinges upon all the other benefits our forests provide. Therefore, prioritization is called for. Allowing optimal forest carbon benefits of both storage and sequestration, which are immediately available through a simple hands-off approach, must be considered priority number one in these times of climate emergency. Sadly, the guiding document for BMPs, which has not been updated in nearly a decade, mentions carbon benefits only once, in its opening paragraph, and promptly dismisses the implied need with the fallacious claim that "sustainable forestry" will take care of it. New guidelines must be

written to recognize the scientific fact that the largest 1% of trees more than pull their weight by storing approximately 50% of the "above-ground live tree biomass" in a forest. Not only do the largest trees store the most carbon, but they sequester carbon at a higher rate than smaller trees. Land use planning and all tree harvesting incentives, whether by Chapter 61 or any other statute or policy, must be reconsidered in light of this reality, especially in view of the fact that the trees targeted by commerce are the same 1% doing the most to mitigate climate disruption. Clearly, Proforestation is by far the best terrestrial "climate solution" and the most beneficial of all BMPs.

We welcome further research; enhanced carbon accounting of the living environment is much needed. But we fear a familiar thumb on the scale with the emphasis on "sustainable forest management practices," which have always been focused on sustaining the production of wood-products with little regard for the other benefits that forests provide. We must insist on a fair process with full and careful consideration of Proforestation and a genuine recognition of the public as a stakeholder, and the opportunity for public involvement from the onset of study development.

L3 Strategy Actions: "Incentivize the regional use of harvested wood in long-lived products, such as CLT and wood-based building insulation." This strategy embraces the vision of the wood-product industry to increase timber production and use lower grade wood for construction and completely ignores the critical literature on the "Myth of Substitution."¹² Although some advantage may be gained by using wood products to replace more carbon-intensive building materials, this rarely occurs in practice. All too often, the use of both increases, and we end up even worse than before. As we have repeatedly emphasized, logging reduces carbon sequestration by forests. In the face of the climate emergency, we must question the value of wood-products in terms of the foregone sequestration their production requires. Rather than providing a balanced evaluation of the potential of long-lasting wood products to partially offset the emissions associated with logging, the CECP fully endorses the industry-generated and widely-marketed notion that durable wood products are an effective way to mitigate climate disruption., Furthermore, only living trees continue to capture and store carbon and do so for decades or centuries to come.

L4 Strategy Actions: "Support a Regional Carbon Market."

That Carbon Markets represent the optimal approach to managing the transformation to a zero-carbon world is simply assumed without any justification whatsoever. This is remarkable given the extremely uneven performance of carbon markets elsewhere. We are deeply suspicious that a global climate crisis that has been referred to as "the largest market failure in history" can be addressed by creating new markets of questionable value. This looks like another pseudo-solution dreamed up by an unhealthy collaboration between technocrats and financial stakeholders. Since we all share the same atmosphere, why not push our regional neighbors and the federal government to turn logging-vulnerable Green Mountain National Forest and White Mountain National Forest into fully

protected National Parks. Together these forests comprise some 465,390 hectares yielding an annual social benefit of between \$213 million to \$320 million (or a projected \$6.4 billion to \$9.5 billion over 30 years). We suggest that taking advantage of such low-hanging fruit is vastly simpler and much more cost effective than expending time, effort, and political capital to devise necessarily complex market schemes of questionable utility.

Conclusion

We wish to recognize the hard work of many, those who have had a hand in creation of the CECP, those who are contributing their knowledge and ideas by commenting, and the many, many others who are actively engaged in identifying and manifesting real solutions. We celebrate collaboration and hope that the EEA will work more closely with the residents of this Commonwealth, in recognition that our society reflects the values and creativity of all its people.

If you have a letter to upload, please do so here.

[https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EU-a03uAXz1BmQGIlQmsi0cBjCooKF_5USOPYZLMsvZXXQ?name=/1 03686249_CECPletter.doc](https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EU-a03uAXz1BmQGIlQmsi0cBjCooKF_5USOPYZLMsvZXXQ?name=/1%203686249_CECPletter.doc)

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Name	Laurel Facey
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Affiliation (town or organization)	Wendell AgCom and State Forest Alliance
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>The GWSA demands that we address the climate crisis which is so much more real since that Act was passed 13 years ago. We know a lot more about how to address the challenge also, but we must have the political will to do it. First is the need to reduce GHG emissions, but, alongside that imperative, it the well documented necessity to let our forests and wetlands sequester carbon. No more commercial logging or filling in wetlands for development! We must be smart and less politically motivated or we and our children will perish. Sea levels are rising, global temperatures are going to make habitation in the tropics unbearable and climate refugees are coming our way. We cannot put off doing what we know we must.</p> <p>Thank you.</p>
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Form Name:	CECP Public Feedback
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Unique ID:	781930933
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Name	Kate Dineen
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Affiliation (town or organization)	A Better City
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

In their 2018 report, Governor Baker's Commission on the Future of Transportation stated that "high-frequency, high-capacity public transit is the most efficient and sustainable way to move large numbers of people as they go about their daily lives. This is true today and will be true in 2040." However, the CECP strategies for reducing emissions from the transportation sector are almost exclusively focused on subsidizing zero emission vehicle purchases, dismissing the potential of reducing emissions through expanded access to public transit. The CECP's one-dimensional focus on ZEVs does not adequately encourage near-term VMT reduction. Additionally, this approach does not mitigate the extreme roadway congestion that has crippled Greater Boston or make meaningful progress toward achieving transportation equity.

Also in 2018, A Better City and AECOM released the "The Transportation Dividend: Transit Investments and the Massachusetts Economy" report quantifying the economic benefits and value of the MBTA system serving Greater Boston. The report found that our public transit system returns economic benefits worth five times the cost of operations, and many of those benefits are experienced daily by residents. While past investments have paid off, without renewed, long-term investments, Massachusetts risks the ability to continue recover, grow, and thrive.

The final CECP must affirm the foundational principle of the Commission on the Future of Transportation report and seize the opportunity presented in The Transportation Dividend report by prioritizing investments in public transit to support our climate, mobility, and equity goals. As acknowledged in the CECP, the electrification of the MBTA commuter rail and bus system would make progress toward achieving our GHG reduction targets. However, the capital investments needed to achieve system-wide electrification are largely unfunded.

A Better City is grateful to sit on the Global Warming Solutions Act Implementation Advisory Committee (IAC) and to serve on the Transportation Working Group. Unfortunately, the vast majority of the IAC Transportation Working Group's recommendations are not reflected in the CECP, including the recommendation to increase investment to expand public transit and enhance multi-rider mobility programs and to assess and deliver smart roadway pricing strategies.

By focusing solely on ZEVs at the expense of other strategies, the draft CECP represents a missed opportunity to maximize co-benefits that will create a more vibrant, connected, and accessible Commonwealth for all. While the CECP must of course prioritize GHG reductions, it should do so by advancing strategies that can help achieve other interrelated objectives, including enhanced equity, public health, mobility, economic development, and overall quality of life.

As such, A Better City urges EEA to revise the CECP to include a new standalone strategy to modernize, expand, and improve public transit throughout the Commonwealth and to decarbonize train and bus fleets, including the MBTA's commuter rail and bus system. Beyond prioritizing investment in public transit, the CECP should advance smart roadway pricing strategies; set more aggressive, annual VMT reduction targets for all passenger vehicle trips, not just for commutes; incentivize the electrification of commercial fleets, including delivery vehicles; incentivize the development of flexibly-designed commercial EV charging infrastructure, as well as the purchase of e-bikes; support Transportation Management Associations (TMA)-led transportation demand management (TDM) strategies as well as the development of active transportation infrastructure; and ensure the affordability of clean, reliable power via the grid.

New Strategy: Modernize, Expand, and Improve Public Transit Operations Throughout the Commonwealth and Decarbonize Trains and Bus Fleets

- A Better City urges the Commonwealth to set a clear goal for "modernizing, expanding, and improving public transit," not simply "investing in clean transportation solutions"-this should be a standalone strategy and the objective should also be woven into the other existing strategies, as appropriate.
- A Better City urges the MBTA to move forward with critical foundational investments to advance Regional Rail as endorsed by the Fiscal Control and Management Board in November 2019, including electrification of the commuter rail network, frequent all-day service, and accessible stations with high-level platforms. Full transformation of this mode could result an 150% increase in daily commuter rail boardings (+122,400 new transit trips), thus fewer vehicle hours and miles traveled and reduced congestion, reduced GHG emissions, and positive benefits to environmental justice communities in terms of accessibility, mobility, and environmental quality.
- A Better City urges EEA to work with the MBTA and with local communities to identify sites along commuter routes that are suitable for transit-oriented development (TOD) and can also meet critical housing needs, reduce VMT, and support economic development objectives.
- A Better City implores the Commonwealth to prioritize the decarbonization of transit and other bus fleets and to provide new regulatory and financial incentives for the MBTA and RTAs. Such incentives should include: (a) reducing, if not eliminating, peak-load and peak-demand utility charges to public transit agencies for power used to fuel battery electric buses (BEB) vehicles and fleets; (b) taking necessary steps to immediately provide for off-peak utility pricing to public transit agencies for power used to fuel BEB vehicles and fleets; (c) requiring that all new public transit bus maintenance facilities be designed and constructed with all electrical substation and conduits to enable direct current fast charging (DCFC) access for each BEB vehicle to be housed at any such new facility; (d) providing immediate and substantial direct financial incentives to the MBTA and RTAs to encourage purchase of BEB vehicles and fleets and install complimentary DCFC infrastructure as needed. See A Better City's August 2019 report

"New MBTA Bus Maintenance Facilities & Evolving Battery Electric Bus Technology, Case Study: Albany Street Garage" for additional context and recommendations.

Strategy T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

- A Better City supports the intent of this strategy-but recommends enhancing and expanding the proposed actions. As described above, A Better City urges the Commonwealth to set a clearer goal for "modernizing, expanding, and improving public transit," not simply "investing in clean transportation solutions"-this should be a standalone strategy and the objective should also be woven into the other existing strategies, as appropriate.
- Regarding the currently proposed actions, A Better City supports and appreciates the Commonwealth's leadership in establishing the Transportation and Climate Initiative Program (TCI-P), and urges the Commonwealth to strategically invest TCI-P revenue to modernize, expand, and improve public transit, and to provide active transportation and micro-mobility options, particularly serving transit-dependent communities. Further, A Better City urges the Commonwealth to engage directly with communities and with the business sector to identify and implement investment priorities.
- A Better City also supports the intent of establishing a regional Low Carbon Fuel Standard (LCFS), though additional information about program structure is needed. As new fuels are developed and distributed, A Better City encourages the Commonwealth to avoid potential negative impacts to environmental justice communities, many of which have been disproportionately burdened by the production, transport, and storage of fuel.

###

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

Leave a comment or suggestion about this strategy.

Strategy T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

- A Better City supports the proposed implementation of the California Advanced Clean Cars II Standard, requiring that all new LDV sales must reach about 50% by 2030 and be 100% ZEV by 2035; the California Advanced Clean Trucks rule; and the California Advanced Clean Fleets rule. A Better City also supports the ongoing collaboration with other jurisdictions under the Zero Emission Medium- and Heavy-Duty Vehicle Memorandum of Understanding and Action Plan to provide a framework for achieving 30% of all new truck and bus sales being ZEVs by 2030 and 100% by 2050.
- As discussed above, A Better City implores the Commonwealth to prioritize the decarbonization of public transit and other bus fleets.

###

T3: Reduce Upfront ZEV Purchase Cost Burden

Leave a comment or suggestion about this strategy.

Strategy T3: Reduce Upfront ZEV Purchase Cost Burden

- A Better City recommends that the Commonwealth take immediate steps to strengthen the proposed actions to commit to providing MOR-EV rebates at point of sale in 2021 and to commit to launching a low and moderate income (LMI) consumer program for ZEVs.
- A Better City recommends EEA consider extending incentives and rebates to include micro-mobility options like e-bikes.
- A Better City supports the development of a heavy-duty ZEV incentive program and again encourages the Commonwealth to prioritize the decarbonization of transit and other bus fleets.

###

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

Leave a comment or suggestion about this strategy.

Strategy T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

- A Better City appreciates the intent of the proposed actions to build out and maintain the charging infrastructure needed to facilitate a widespread transition to ZEVs-but encourages the Commonwealth to also take a more aggressive posture in implementing (not just exploring, piloting, or analyzing) the critical incentive programs and rate structures.
- A Better City encourages EEA to launch a utility-based commercial charging incentive program. Additionally, A Better City recommends that DOER consider ways to encourage the development of charging infrastructure as part of the revised stretch energy code for buildings. As explored further in the buildings section of this comment letter, the development of the stretch energy code must be guided by robust stakeholder engagement from design, engineering, construction, and building operations practitioners.
- A Better City recommends that charging infrastructure be designed to accommodate multiple forms of electric vehicles, including smaller-scale micro-mobility options like e-bikes and e-scooters and low emission vehicles like e-mopeds and powered quadcycles, rather than favor a single form-factor.
- A Better City also emphasizes that the Commonwealth's efforts ensure the affordability of clean, reliable power via the grid and prioritize equitable access to charging infrastructure, including in environmental justice communities.

###

T5: Engage Consumers & Facilitate Markets

Leave a comment or suggestion about this strategy.

Strategy T5: Engage Consumers & Facilitate Markets

- A Better City appreciates the intent of the proposed actions to increase consumer awareness and to catalyze the expansion of the clean transportation market-and encourages EEA to adopt a stronger focus on incentives and pilots to expedite commercial fleet conversion across the commercial, industrial, and institutional sectors.
- A Better City suggests that delivery sector opportunities include strategies to encourage the use of light-duty electric delivery vehicles like e-bikes and e-trikes.

###

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Leave a comment or suggestion about this strategy.

Strategy T6: Stabilize Light-Duty VMT & Promote Alternative Transportation Modes

- A Better City urges the Commonwealth to pursue a more aggressive VMT reduction strategy that is rooted in strategic, substantial investments in the modernization, expansion, and improvement of public transit. The Commonwealth should set annual VMT reduction targets for all passenger vehicle trips, not just for commutes.
- A Better City urges the Commonwealth to develop and implement a smart roadway pricing/toll equity strategy to encourage mode shift, raise additional revenue for public transit, and reduce roadway congestion. With the anticipated advances in fuel efficiency and potential growth in the use of electric vehicles, these policies indirectly threaten the long-term viability of the gas tax as a stable, robust, and predictable source of transportation revenue. Massachusetts must move toward roadway pricing as a stable source of transportation revenue to maintain and create modern and safe transportation infrastructure.
- A Better City recommends reinstituting state funding for Transportation Management Associations (TMAs), which are uniquely positioned to advance employer-led efforts to coordinate the use of private shuttles and ferries to complement public transit and to encourage commuter transit use and active transportation.
- A Better City encourages EEA to coordinate with MassDOT and municipalities to invest in developing the infrastructure needed for commuters to safely choose active modes of transportation, including cycling. A recent A Better City survey, "Anticipating Post-Pandemic Commute Trends in Metro-Boston," showed that two thirds of respondents live 10 miles or less from their office, elucidating a tremendous opportunity for the Commonwealth to encourage active transportation options for Greater Boston commuters. MassDOT should be empowered to accelerate trail/off-road path construction to transform the Emerald Necklace into a regional superhighway.
- A Better City supports efforts to encourage and incentivize a broad range of smart growth policies, and encourages EEA to link these efforts with public transit investments, roadway pricing strategies, and transit-oriented development policies.

###

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:16 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.119.115.51
Unique ID:	781933190
Location:	42.359600067139, -71.128700256348

Name	Matthew Stern
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Affiliation (town or organization)	Counsel for National Grid
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EV43hp8EPI5JgXYV1Rtrp-EBH3gkgSDqvNXubglfAwloxQ?name=/103686249_NationalGridCECP2030CommentsFINAL3.22.21.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:22 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.7.198.119
Unique ID:	781936514
Location:	42.428100585938, -71.05460357666

Name	Caitlin Peale Sloan
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Affiliation (town or organization)	Conservation Law Foundation
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EccgPViBprIAjYGtnMi5D20BIPQYsN5WaDPcy0MCgoC4sg?name=/103686249_CLFCommentsonInterim2030CECPMar.222021.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:33 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.12.216.76
Unique ID:	781942733
Location:	41.839000701904, -71.437301635742

Name	Scott Gustafson
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Affiliation (town or organization)	Laborers' Union New England Region; Massachusetts Laborers' District Council
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EZDVvmxTb05BvEQz66Z5pZQBsfC_C5X4VQTgK2Blyk9GLw?name=/103686249_SKM_C45821032214500.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:34 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	24.63.107.11
Unique ID:	781943526
Location:	42.30590057373, -71.085899353027

Name	Janice Rogovin
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am opposed to gas powered leaf blowers because they are unhealthy and bad for the environment. I am asking that a ban of these leaf blowers be included in the Clean Energy and Climate Plan for 2030. As a resident of one of Boston's neighborhoods and a homeowner since 1886, I consider this action imperative to improve the liveability of the City. Thank you.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:39 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	24.63.107.11
Unique ID:	781946117
Location:	42.30590057373, -71.085899353027

Name	Janice rogovin
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Affiliation (town or organization)	boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy. I am asking that the elimination of gas powered leaf blowers be included in the Clean Energy and Climate Plan for 2030. Thank you.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:39 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	65.96.221.19
Unique ID:	781946132
Location:	42.309898376465, -71.12020111084

Name	James Rooney
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Affiliation (town or organization)	Greater Boston Chamber of Commerce
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	See attached letter.
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EXWu2VGMwChMoyGD7F_3sDgBmI2_QIsqrANwb4R0KXYcJw?name=/103686249_32221CECP2030CommentLetter.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:56 pm
Browser:	Safari 12.1.2 / OS X
IP Address:	12.203.54.179
Unique ID:	781955707
Location:	37.750999450684, -97.821998596191

Name	Jack Sins
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Affiliation (town or organization)	Unison Energy
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Unison Energy is an owner / developer of microgrid CHP systems and fully supports the continuance of CHP incentives in MA. Unison has 20+ MW of natural gas reciprocating engine-driven CHP projects across the country, including several in development in MA. These CHP systems reduce energy costs for our customers, provide them with enhanced power resiliency (important especially for critical infrastructure facilities such as hospitals and data centers), and important to MA, REDUCE their GHG emissions. Additionally, as an owner/developer Unison invests capital in the states of its projects, bringing jobs (for O&M) and investing in local companies that support the CHP infrastructure. These incentives are important in helping these projects pencil whereas they might not have without them.

We strongly advocate for continued CHP incentives.

Sincerely,

Jack Sins

VP Business Development

Unison Energy

*****@energy.com

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 2:57 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.233.113.220
Unique ID:	781956403
Location:	42.287300109863, -71.352401733398

Name	Carole Horowitz
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Affiliation (town or organization)	Florence, MA
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
	Land Sector Strategies

Electricity Sector Strategies

Land Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:00 pm
Browser:	Safari 13.0.5 / OS X
IP Address:	96.233.165.156
Unique ID:	781958284
Location:	42.514801025391, -72.809097290039

Name	Michael Alterman
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Affiliation (town or organization)	Chesterfield
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I am a two-time Bernie Sanders supporter, a former officer of the Green Party, and one of the most ardent environmentalists and real-life tree huggers you will find. But I strongly disagree with this "clean technology" approach to our ecological problems.

I am deeply concerned that this plan will lead to forests being destroyed to make room for wind turbines, and potential farmland being covered with solar panels. Are our electronic devices and flat screen TVs really more important than food and healthy ecosystems?

We don't need more energy and economic growth, we need less. We don't need a plan to become net zero in emissions, we need a plan to significantly reduce our overconsumption of the earth's resources, and fast.

I urge the commonwealth to place strict limits on the environmental impacts due to clean energy projects in the state, and I urge you not to do anything to weaken local control over what development may occur in the state.

For the future, we need a different kind of plan entirely, one that focuses on helping people to reduce their consumption of resources through relocalization and democratization of the economy.

Respectfully submitted,
Michael Alterman

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:08 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	209.6.229.67
Unique ID:	781962727
Location:	42.382801055908, -71.095497131348

Name	Nikolas Westfield
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Affiliation (town or organization)	Tufts University
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Comments from Tufts University regarding Offshore Wind.
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ee4QX4O9FMJNpNh0T3dmLLIBj4Xn85Pg_pSZW8RePR7npg?name=/103686249_MACECP2030CommentsfromTuftsUniversity.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:15 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.147.104.23
Unique ID:	781966604
Location:	42.343101501465, -71.123001098633

Name	Helen Horigan
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Affiliation (town or organization)	Roslindale IS for Everyone (RISE), Roslindale Clean and Green
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Dear friends and public servants,</p> <p>I am a Boston residence and strongly support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy. Please, please, please include elimination of gas powered leaf blowers in the Clean Energy and Climate Plan for 2030.</p> <p>Thanks for your kind consideration and for your support of a more healthy community.</p> <p>Helen</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:21 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.61.222.184
Unique ID:	781969805
Location:	42.587898254395, -71.349800109863

Name	Brian Campbell
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Affiliation (town or organization)	American Nuclear Society North East Chapter Director
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

The Interim Clean Energy and Climate Plan for 2030 (2030 CECP) is a SCAM, Enriching Unreliable Renewable Energy builders, and adding unnecessary Expensive Transmission to the ISONE Grid such as Hydro-Quebec HVDC CMP Power-line through MAINE The "BACKBONE" Massachusetts's Electrical Grid will not be, 40% Capacity (probably LESS), Bird Chopping (American Bird Conservancy), Expensive \$\$ Offshore Wind. The Problems to Offshore Wind will be exposed as this \$ 2.5 Billion Dollar boondoggle is exposed. Bottom-line, this is very Cost INEFFECTIVE and lacks Environmental Justice AND makes the Electrical Grid (ISONE) unreliable, and is prone to Blackouts. The Interim Clean Energy and Climate Plan for 2030 (2030 CECP) is a SCAM, Enriching Unreliable Renewable Energy builders, and adding unnecessary Expensive Transmission to the ISONE Grid such as Hydro-Quebec HVDC CMP Power-line through MAINE.

Even with its recent economic challenges, Pilgrim operated at a high rate; Pilgrim ran at a generation-weighted average annual capacity factor of 85%, based on annual operating data for 2013-2018. Pilgrim's monthly net generation averaged 446 thousand megawatt hours (MWhr), between January 2001 and March 2019.

<https://www.eia.gov/dashboard/newengland/commentary/20190613>

Sources: U.S. Energy Information Administration, U.S. Energy Mapping System

Logical result is 18.7 % GAS Rate Increase for National Grid Transmission upgrades. Seems like Massachusetts Rate Payers are footing the bill for INCREASED EMISSIONS and GAS Burning for Electrical Generation now the 19% of total MASS electrical generation (EGEN) that did NOT emit has been prematurely unplugged, PILGRIM ATOMIC POWER! PILGRIM ATOMIC POWER was 62% of MASS GREEN NO EMISSION EGEN. By 2030, it will be clear OFFSHORE Wind will be a Failure. My hope, is Massachusetts will in 2030 or 2040 or 2100, Build NEW ATOMIC POWER electrical generation (Physics, if Mass. truly wants to Meet Net-Zero!) CANDU Reactor Powered Ontario RTO has! CANDU Reactor Powered Ontario RTO Emissions are 3X to 6X LESS than ISONE at ½ Cost to Ratepayers vs ISONE!

I am appending, March 11, 2021 Testimony before the United States Senate Committee on Energy and Natural Resources For a hearing to examine the reliability, resiliency, and affordability of electric service in the United States amid the changing energy mix and extreme weather events Written statement submitted by: Michael D. Shellenberger Founder and President Environmental Progress

2569 Telegraph Avenue Berkeley, CA 94704 March 11, 2021

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EcfOIo2fBW9Pu0F5F8bqNGkBMau-pr2L1EY1APqGBJTHVQ?name=/103686249_20210311ShellenbergerTestimonySENRCmteHrg.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:22 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	146.115.61.133
Unique ID:	781970124
Location:	42.278800964355, -71.443496704102

Name	Aimee Powelka
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Affiliation (town or organization)	MassEnergize
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EUMPM_i-sOtCiZMrUCL85mcBkpAVH5cnZ6fPDEp2cOhTdA?name=/103686249_MassEnergize2030CECPComments.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:28 pm
Browser:	Chrome 64.0.3282.140 / Windows
IP Address:	100.0.242.51
Unique ID:	781973722
Location:	42.424701690674, -71.111198425293

Name	Staci Rubin
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

T3: Reduce Upfront ZEV Purchase Cost Burden

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

T5: Engage Consumers & Facilitate Markets

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EczOLTe-_TRKsfX6K8tmiPoBFP-zwkP88lui08p7GQZuYQ?name=/103686249_2030CECPJointTransportationCommentLetter3.22.21.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:29 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	74.77.165.81
Unique ID:	781973854
Location:	43.238300323486, -78.886596679688

Name	Jacob Stern
-------------	-------------

Affiliation (town or organization)	MA Sierra Club on behalf of 60+ municipal officials
---	---

Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ETEB05reYstJgGxEqSOMY38BPtURgbhMYmDre969x_ZWDw?name=/103686249_CECPMunicipalLeadersSignOnLetter.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:32 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	75.69.222.141
Unique ID:	781975889
Location:	42.458599090576, -71.359703063965

Name	Francis Cummings
-------------	------------------

Affiliation (town or organization)	Acton Climate Coalition (Acton MA)
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	Insufficient or unstated funding.
---	-----------------------------------

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Leave a comment or suggestion about this strategy.	"Provide appropriate legislative, regulatory, and financial support to municipalities to implement local Climate Emergency initiatives" as resolved in Article 5, including increasing the funding available to Town governments, and to owners of buildings and vehicles where necessary, to make the needed emission reductions economically attractive. The Town of Acton is committed to moving rapidly to reduce economy-wide greenhouse gas emissions, but in some cases is restrained from acting by state regulations, such as the current state pre-emption of local restrictions on fossil fuel piping for new buildings.
---	---

General Comment or Letter Upload

Please leave a general comment about the CECP here.

We urge you to better reflect the Climate Emergency in the final plan. On September 8, 2020 the Acton Town Meeting overwhelmingly passed a Resolution under Article 5, entitled "Declaring a Climate Emergency: A Better Future Starting Now." The entire Declaration is included in this letter because virtually all of its points are directly relevant to the Commonwealth of Massachusetts as well as the town of Acton. We also add our support to the "Joint Comments to Ensure Inclusion of Climate Justice" also being submitted today.

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EbYAodtnYqBPvpXrUEITwCwBnyqLF1h1uGGfqxiDsC1EoA?name=/103686249_ActonClimateCoalition_2030CECP_comments.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:39 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	73.17.187.153
Unique ID:	781979521
Location:	42.343101501465, -71.123001098633

Name	Carey Toran
-------------	-------------

Affiliation (town or organization)	Boston (West Roxbury)
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I urge you to ban gas powered leaf blowers. Not only are they a horrendous source of noise pollution, but their engines produce more air pollution than cars and trucks!
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Thank you, Carey Toran

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:40 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	71.174.216.22
Unique ID:	781979809
Location:	42.321800231934, -71.63500213623

Name	James Vander Poel
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Land Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
------------------------	--

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
--	-----

Please describe the drawbacks you see for this strategy.	Nothing said about wood-fired (biomass) heating systems, which are more polluting than any fossil fuel system.
--	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

Leave a comment or suggestion about this strategy.	Phase out all wood-fired heating systems as a way to protect public health, reduce carbon emissions that are more than for comparable gas or oil, and protect our forest carbon sink.
--	---

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent do you support this strategy?	Choose one = 2. Moderately support
--	------------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	It says nothing about wood-fired systems.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Phase out all wood fired heating systems as a way of protecting public health, reducing carbon emissions that are more than for comparable gas or oil, and protect our forest carbon sink

Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health
Benefits Other	Why no ban on clearcutting?
Do you see any key DRAWBACKS to this strategy?	Yes
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Forever wild and long term non-management on forests should be included in the plan.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	CLT usually means clearcutting... not a good way to manage forests.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure

Leave a comment or suggestion about this strategy.

The plan should acknowledge that less use of our forest resources should be the number one strategy for storing forest carbon, not building more buildings or furniture. A life cycle carbon analysis of CLT vs. other building materials including local and traditionally used timber and wood products, and CLT vs. recycling building materials and existing buildings, need to be completed for the carbon accounting to be accurate. The costs and employment opportunities of new CLT buildings vs. recycling and restoration of existing structures should be carried out before a strategy be approved or promoted.

L4: Develop Sequestration Accounting and Market Frameworks

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Non working landscapes, committed as forever wild, or wild for two or more decades, should be given at least equal weight as working forests for carbon markets. A full analysis should be done on carbon storage and sequestering with various models of forest management, including not managing, or forever wild

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:44 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	24.63.30.101
Unique ID:	781982322
Location:	42.209300994873, -70.932601928711

Name	Betsy Sowers
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Affiliation (town or organization)	Old Cambridge Baptist Church
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>As a faith leader, I am deeply committed to climate and environmental justice as matters of our collective moral and ethical behavior, as matters of prioritizing overburdened BIPOC communities and the natural world, and as matters of survival. When finalizing the CECP, I urge you to center those ethical goals by:</p>
--	---

1. Imposing a strict and declining cap on building emissions, as proposed by the EOEEA. As part of that process, I recommend adopting some of the proposals outlined by the Mass Renews Alliance to assure that training and jobs created for this initiative will be available to all Mass. residents, and that all communities will be equally included.

2. Adopting a 50% cut in emissions by 2030. This is simply based on what scientists say is the minimum reduction required to stay within 1.5 degrees C, and save our coastal cities from inundation. The cost of doing so, \$6 billion over 10 years, is only \$600 million, a 3% increase over the existing cost of energy in Massachusetts. The cost of not reaching 50% would result in far more costs in damage from increased storms and flooding, and from the health impacts of the additional pollution, especially in Environmental Justice communities.

I commend you for developing this plan. But I remind you that nature does not negotiate and compromise in order to allow us to make incremental change. We must make transformational change or perish.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:48 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	71.174.17.24
Unique ID:	781984372
Location:	42.724601745605, -70.978996276855

Name	Marcia Hart
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Affiliation (town or organization)	Gloucester
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EUWsbYtaOWdJlZQX4ghqSzoBXHP_3DpT2WRjOy5WRcXR_Q?name=/103686249_PublicCommentinResponsetoMACECP20213.docx
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:50 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.61.218.210
Unique ID:	781985305
Location:	43.067699432373, -70.800796508789

Name	Elisabeth Treseder
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Affiliation (town or organization)	Equinor
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ecdqq-dHiH5HqW0RI_FQU8kBdhRSuWYu2ifeDlurztUwkQ?name=/103686249_EquinorMACECPComments.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:51 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.174.123.108
Unique ID:	781986039
Location:	41.978298187256, -70.746696472168

Name	Peter Wilson
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Affiliation (town or organization)	Transportation for Massachusetts
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

T3: Reduce Upfront ZEV Purchase Cost Burden

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

T5: Engage Consumers & Facilitate Markets

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Ecd0ixuaKZZFjBlub17E3dYBX3s-uCmWGVzCx10evwC9WQ?name=/103686249_T4MA2030CECPJointTransportationCommentLetter.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:56 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.190.191.228
Unique ID:	781988776
Location:	40.675998687744, -73.962898254395

Name	Shelby Parks
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Affiliation (town or organization)	Natural Resources Defense Council
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 3:57 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.218.121.164
Unique ID:	781989366
Location:	41.378101348877, -73.469100952148

Name	Len Greene
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Affiliation (town or organization)	FirstLight Power
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQE VWvHC2DdJkE0F2IV6twsB3DDJFhQpKGzEBZAFYdOc_Q?name=/103686249_FirstLightPowerCommentsonMACECP.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:05 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.190.191.228
Unique ID:	781993573
Location:	40.675998687744, -73.962898254395

Name	Shelby Parks
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Affiliation (town or organization)	Natural Resources Defense Council
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards
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Transportation Sector Strategies

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth, Other*
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Benefits Other	Regional and National leadership
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

My name is Shelby Parks, and I am a fellow with the Natural Resources Defense Council. Thank you to the Executive Office of Energy and Environmental Affairs for taking comments on the Massachusetts Clean Energy and Climate Plan (CECP).

We strongly support the medium- and heavy-duty clean vehicle T2 Strategy Actions in the CECP, specifically adopting California's Advanced Clean Trucks (ACT) rule by Dec. 31, 2021 and the Advanced Clean Fleets (ACF) rule the year it is finalized by California. However, the CECP should include adopting California's Heavy-Duty Omnibus (HDO) rule, a vital complement to the ACT rule, by Dec. 31, 2021. Adopting California's medium- and heavy-duty vehicle emission standards is imperative for Massachusetts to reduce greenhouse gas emissions and toxic criteria pollutants from transportation.

While the ACT rule ensures a minimum supply of zero-emission vehicles (ZEVs), the HDO rule tightens nitrogen oxide (NOx) and particulate matter (PM) emission standards on new fossil fuel trucks that will continue to be sold. Curtailing NOx, an ozone precursor, and PM-two toxic air pollutants-is essential for public health. According to the American Lung Association, millions of people in Massachusetts are at risk from poor air quality, resulting in significant public health costs associated with increased rates of cardiovascular and respiratory diseases. Worse, transportation pollution is overwhelmingly concentrated in the state's low-income neighborhoods and communities of color.¹ Deployment of zero-emission trucks and buses, along with targeted policies such as the ACF rule, will improve air quality specifically in these communities and ensure that all residents have access to clean transportation.

Committing to the ACT and HDO rules in 2021 and the ACF rule once finalized in California, will send a clear market signal that stimulates infrastructure investments, supports clean energy jobs, increase ZEV availability, and enable fleet savings from reduced fuel and maintenance costs.

Many of Massachusetts' neighbors and fellow signatories on the Medium- and Heavy-Duty ZEV Memorandum of Understanding are taking steps to adopt both the ACT and HDO rules in 2021. Massachusetts should do the same and continue its strong regional and national leadership to clean up transportation pollution. The ACT and HDO rules will bring significant environmental, economic, and public health benefits to the state.

I will also be sending an email to the Office of Energy and Environmental Affairs with a letter from 86 organizations across the nation in support of adoption of the ACT and HDO rules. Thank you for the opportunity to provide these comments, and we look forward to continuing to work with you to clean up transportation pollution.

Sincerely,

Shelby Parks

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:06 pm
Browser:	Firefox 86.0 / OS X
IP Address:	75.69.222.141
Unique ID:	781993915
Location:	42.458599090576, -71.359703063965

Name	Fran Cummings
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Should also have policy to support building owners interested in installing heat pump systems before the ir existing heating needs replacement.
--	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
--	-----

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
--	---

Do you see any key DRAWBACKS to this strategy?	Yes
--	-----

Please describe the drawbacks you see for this strategy.	Need to identify and include substantial additional funding for heat pumps and deep retrofits.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	I do not support any investments or purchases of fossil fuels, especially if they would extend the lifetime of "natural" gas pipes, which are too subject to methane leaks and would divert capital from the investments needed in heat pumps (including "district" ground-source HPs).
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Unclear or not sure

General Comment or Letter Upload

Please leave a general comment about the CECP here.	The final CECP should declare that we are in a Climate Emergency. (We are.) Accordingly, it should strengthen its ambition, goals, funding and GWSA limits to build a mobilization on a wartime footing, along with funding and other support from the federal government. Future analysis should not treat 2030 emissions as an INPUT but should seek to MINIMIZE them, and to report and minimize CUMULATIVE emissions over the planning horizon. CECP should add a system or independent person to monitor the global climate emergency and raise the alarm if our climate and energy plans may need to be strengthened. If the climate emergency becomes more extreme in some ways between now and 2030, the public's urgency may increase for more ambitious policies and results - thus need contingency plans. A limit of 50% is not sufficiently responsive to the realities of climate science to represent our state's contribution to protecting the global climate system from breakdown or collapse.
If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EecUBJM0XypEmm_3gsBOLg4BX3_Ym5oWKs21IMrBRhTdtw?name=/103686249_20210322_CummingsF_commentsOnInterimCECP.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:11 pm
Browser:	Chrome 64.0.3282.140 / Windows
IP Address:	100.0.242.51
Unique ID:	781996505
Location:	42.424701690674, -71.111198425293

Name	Staci Rubin
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Affiliation (town or organization)	Boston
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Please select the sectors and strategies on which you would like to comment.	<p>Transportation Sector Strategies</p> <p>Buildings Sector Strategies</p> <p>Electricity Sector Strategies</p> <p>Non-Energy Sector Strategies</p> <p>Land Sector Strategies</p> <p>General Comment or Letter Upload</p>
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Transportation Sector Strategies	<p>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</p> <p>T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards</p> <p>T3: Reduce Upfront ZEV Purchase Cost Burden</p> <p>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</p>
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Buildings Sector Strategies	<p>B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant</p> <p>B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems</p> <p>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</p>
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Electricity Sector Strategies	<p>E1: Fill Current Standards & Execute Procurements</p> <p>E2: Develop and Coordinate Regional Planning and Markets</p> <p>E3: Align Attribute Markets with GWSA Compliance</p> <p>E4: Continue to Deploy Solar in Massachusetts</p> <p>E5: Develop a Mature Offshore Wind Industry in Massachusetts</p>
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Non-Energy Sector Strategies	<p>N2: Implement Best Practices Around Residual Non-Energy Emissions</p>
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Land Sector Strategies	<p>L1: Protect Natural and Working Lands</p> <p>L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration</p>
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

T3: Reduce Upfront ZEV Purchase Cost Burden

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

E2: Develop and Coordinate Regional Planning and Markets

E3: Align Attribute Markets with GWSA Compliance

E4: Continue to Deploy Solar in Massachusetts

E5: Develop a Mature Offshore Wind Industry in Massachusetts

Non-Energy Sector Strategies

N2: Implement Best Practices Around Residual Non-Energy Emissions

Land Sector Strategies

L1: Protect Natural and Working Lands

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

General Comment or Letter Upload

If you have a letter to upload, please do so here. https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EZraJgXonopBrsQfZvyKw6sBs17qnzcjB1mtWc763ZRZw?name=/103686249_JointComments2030CECPtoensureClimateJustice3.22.21.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:11 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	96.252.2.124
Unique ID:	781996524
Location:	42.265800476074, -71.610496520996

Name	DeB Pasternak
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Affiliation (town or organization)	Sierra Club Massachusetts Chapter
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Thank you for this opportunity to comment on the Interim CECP. We look forward to working with EEA to implement a strong and achievable 2030 CECP.
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EeWzywiw5blNkxssrrVwDkYBZhSXoLSxlbpAQ-Tg3hU0hw?name=/103686249_SierraClubMassachusettsComments_Interim2030CECP.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:17 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.61.222.184
Unique ID:	781999570
Location:	42.587898254395, -71.349800109863

Name	Brian Campbell
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Affiliation (town or organization)	01824
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E3: Align Attribute Markets with GWSA Compliance E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
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Do you see any key DRAWBACKS to this strategy?	Yes
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.	As long as Strategy excludes NEW Nuclear and Little support for Seabrook and Millstone Nuclear Power==FAIL TO meet Emission reduction 45% by 2030!. In fact Anti-Science=Anti-Nuclear= MASSACHUSETTS funds https://www.c-10.org/what-we-do Redundant Radiation monitoring which is done by Seabrook Nuclear with better and more accurate Tools to \$180000 / year == SCAM!! DEFUND C10 whose only purpose is to Close NE Largest NO EMISSION EGEN == Seabrook Atomic Power NH.
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E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 4. Moderately oppose
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Benefits Other	Local community and environmental opposition to transmission is a national and international phenomenon
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Local community and environmental opposition to transmission is a national and international phenomenon
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>A study published in late 2019 found that Germany's nuclear phase-out is costing its citizens \$12 billion per year.²³ In response to Fukushima, the Japanese government shut down its nuclear plants and the cost of electricity went up. As a result, 1,280 people died from cold from unaffordable electrical power, researchers calculate, between 2011 and 2014.²⁴</p> <p>Some of the cost of variable renewable energy sources comes in the form of the transmission lines they require. With funding from Bill Gates, the analytical group Breakthrough Energy Sciences last week estimated the U.S. could reduce carbon emissions 42 percent and generate 70 percent of its electricity from carbon-free sources by 2030. But Breakthrough Energy calculated that the cost of new transmission, distribution, and storage would be \$1.5 trillion.²⁵</p> <p>And that amount does not include the costs associated with local and state political opposition. In their 2021 report, the Academies noted that while variable renewable energy sources like solar and wind appear to be popular in public opinion surveys, "political uncertainties concern the durability of policy support for renewables when deployed at large scales, especially where it is highly visible and potentially conflicts with other land uses."²⁶</p> <p>Local community and environmental opposition to transmission is a national and international phenomenon. A federal judge last year blocked a transmission line proposed to be built straight through whooping crane habitat in Nebraska because transmission lines are the number one cause of mortality among whooping cranes.²⁷ Of the 7,700 new kilometers of transmission lines Germany needed for the energy transition, only eight percent have been built. Community and conservationist resistance has been a significant factor.²⁸</p>

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
Benefits Other	Complexity to GRID == BLACKOUTS
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Complexity to GRID == BLACKOUTS
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
Leave a comment or suggestion about this strategy.	<p>A study published in late 2019 found that Germany's nuclear phase-out is costing its citizens \$12 billion per year.²³ In response to Fukushima, the Japanese government shut down its nuclear plants and the cost of electricity went up. As a result, 1,280 people died from cold from unaffordable electrical power, researchers calculate, between 2011 and 2014.²⁴</p> <p>Some of the cost of variable renewable energy sources comes in the form of the transmission lines they require. With funding from Bill Gates, the analytical group Breakthrough Energy Sciences last week estimated the U.S. could reduce carbon emissions 42 percent and generate 70 percent of its electricity from carbon-free sources by 2030. But Breakthrough Energy calculated that the cost of new transmission, distribution, and storage would be \$1.5 trillion.²⁵</p>

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Other*
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Clean Energy and Climate Plan for 2030 (2030 CECP) 2050 calls for 60000 acres of NEW INDUSTRIAL(not rooftop) installations Solar PV
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No

Leave a comment or suggestion about this strategy.

Clean Energy and Climate Plan for 2030 (2030 CECP) 2050 calls for 60000 acres of NEW INDUSTRIAL(not rooftop) installations Solar PV? The land requirements of industrial renewable energy projects are two orders of magnitude larger than those of nuclear and natural gas plants. Industrial solar and wind projects require between 300 and 400 times more land than nuclear plants.²⁹ If the United States were to try to generate all of the energy it uses with renewables, 25 percent to 50 percent of its land would be required, according to the best-available study by a leading energy analyst and advisor to Bill Gates.³⁰ By contrast, today's energy system requires just 0.5 percent of land in the United States.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?

Choose one = 5. Strongly oppose

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Other*

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

COST\$\$ Most expensive Energy there is. Underwater Transmission is \$\$\$\$ and maintenance over 20 year life.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

No

Leave a comment or suggestion about this strategy.

The Hyannisport story is instructive. In 2001, the backers of Cape Wind filed their first permit application. It would become one of the most contentious energy projects - of any kind - in US history. The backers of Cape Wind filed their first permit application in 2001. Despite getting environmental approvals from the federal government, and the backing of many elected officials in Massachusetts, the project faced enormous opposition, including from Robert F. Kennedy Jr., whose family owns a modest compound in Hyannisport. Cape Wind was officially deep-sixed in 2015. Since then, Massachusetts legislators have floated a plan to increase the offshore target to 5.6 gigawatts, or roughly a dozen projects the size of the scuttled Cape Wind.

The promise of offshore wind has long lain just over the horizon. In 2010, Google announced the Atlantic Wind Connection, an offshore transmission project that aimed to connect 6,000 megawatts of offshore wind capacity. Back then, Google GOOG +0.2% GOOG +0.2% said, "We believe in investing in projects that make good business sense and further the development of renewable energy." Google (now Alphabet) and three other partners, including Marubeni Corporation, said they would spend some \$5 billion on the project. But as one summary put it: "The proposal ran into significant regulatory and financial hurdles before it fell apart." <https://static1.squarespace.com/static/56a45d683b0be33df885def6/t/5f21b2ff6d248c6e187e0946/1596044032051/Copy+of+Shellenberger+Testimony+July+28+2020+House+Climate+Crisis.docx.pdf> SCAM! Wish My HERO Ted Kennedy were alive to oppose it

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent do you support this strategy?

Choose one = 5. Strongly oppose

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Other*

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

You are going to tell manufacturers when to run?? CHINA#1 Offshoring will love that.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

No

Leave a comment or suggestion about this strategy.

Reliable 24/7 emission free Electrical Power is needed. If all power were reliable and emission free, then Incorporate GWSA into Distribution-Level Policy Considerations NOT needed -- Reliable 24/7 emission free Electrical Power is needed= Hydro and Nuclear Power

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:18 pm
Browser:	Chrome 88.0.4324.146 / Windows
IP Address:	73.126.99.184
Unique ID:	781999926
Location:	42.380001068115, -71.13289642334

Name	Steve Long
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Affiliation (town or organization)	The Nature Conservancy
---	------------------------

Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies Land Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
--------------------------------------	---

Land Sector Strategies	L1: Protect Natural and Working Lands L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration L3: Incentivize Regional Manufacture and Use of Durable Wood Products L4: Develop Sequestration Accounting and Market Frameworks
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

Leave a comment or suggestion about this strategy.

TNC supports clean transportation investments to improve mobility, address equity, and reduce pollution. As the Commonwealth has been leading the regional effort to adopt the Transportation and Climate Initiative (TCI), we request that the Commonwealth prioritize investments in communities that suffer disproportionately from transportation pollution or lack access to mobility options.

After consulting in early 2018 with partner organizations and state agencies involved in the TCI process, The Conservancy identified a need to address a gap in knowledge and research on the transportation needs of rural communities and the solutions that might work best. People in rural areas are often overlooked in discussions about clean transportation investments, at least in part because there are fewer people and fewer emissions coming from these areas.

The 2020 report "Supporting Rural Communities Through Clean Transportation Investments," researched and written by EBP at the request of The Nature Conservancy, looked at a variety of potential transportation improvements that could be available in rural and small-town communities and examines their potential ability to provide a range of benefits. These benefits include not only reductions in emissions that cause climate change, but also other important factors, such as stimulating economic growth, public health and safety improvements, access to reliable transportation, improving equity, and increasing resilience. We request that EEA use the report as a guide when considering investments for rural communities in: encouraging adoption of new and cleaner vehicle technologies for personal transportation; converting public vehicle fleets to electric or hybrid electric technologies; enabling conversion of freight vehicles that pass through the region to electric technologies; electrification of rural truck stops; facilitating increased use of rail and marine routes for freight transport; improving intra-regional and local rural public transportation and shared mobility options in rural areas, inter-regional transportation in rural areas, and access to broadband internet in rural areas; and town centers in small towns.

Of course, rural communities are not the only important constituency that must be considered for policy improvements in the TCI process-or in any dialogue about a cleaner and more just transportation future. The transportation needs in urban communities are significant and complex, and the gains that can be made in terms of clean air, quality of life, equity, and economic growth cannot be understated. Underserved and overburdened residents in urban and suburban areas need the significant emissions reductions and access to clean, reliable transportation options that can be realized if we make good policy choices. We, therefore, support investments in improved public transit, walking and biking infrastructure, and other projects to support transportation justice and cleaner air.

The conversation about modernizing our transportation system needs to be broad and should be inclusive of all communities in a just and equitable manner. And we urge representation of overburdened and underserved communities from across the Commonwealth on advisory boards that will shape policy implementation and inform investment decisions.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

Leave a comment or suggestion about this strategy.

We appreciate the Commonwealth's approach to Smart Growth policies. We suggest that EEA add some additional specificity to help create cross-cutting linkages among smart growth strategies and other CECP strategies. For example, provide for an integrated approach across all EEA agency programs that either requires or incentivizes adoption of smart growth for continued qualification as a Municipal Vulnerability Preparedness community, Green Community, and other existing grant programs. This could include: creating incentives for reforming local ordinances, bylaws, and permitting processes such as Open Space Residential Design, Natural Resource Protection, and Transfer of Development Rights; incorporating nature-based solutions into design requirements in subdivision regulations and site plan review; and tree retention ordinances with unavoidable tree removals requiring payments into a local mitigation fund for tree planting.

Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

Leave a comment or suggestion about this strategy.

Given the CECP's forecasted need for significant development of land and forest resources for ground-mounted solar development, we request the maintenance, review, and improvements to the SMART program, which currently uses spatial data to incentivize solar facilities in a way that expands solar electricity generation while reducing the impacts on intact and important natural areas, specifically resilient and biodiverse habitat and carbon-rich forests and wetlands. We request that the Department of Energy Resources (DOER):

- Produce a comprehensive and long-range plan for solar development in Massachusetts, including a statewide, stakeholder-engaged, spatially specific analysis that identifies opportunities to achieve solar energy targets and minimize impacts to natural resource and other values.
 - Design solar incentives powerful enough to steer solar development to brownfields and other developed areas.
 - Collect and assess robust spatial data on the location, size, and resource impacts of SMART projects already developed through the SMART program, those qualified and not yet built, and all future projects.
-

E5: Develop a Mature Offshore Wind Industry in Massachusetts

Leave a comment or suggestion about this strategy.

Since Massachusetts initiated the first contracting process for offshore wind, many other states have followed our lead; however, those states have gone a step further than Massachusetts in enhancing their emphasis on environmental protections to avoid, minimize, or mitigate adverse impacts, as well as considering impacts on and inclusion of environmental justice communities in the process. We suggest that the CECP emphasize that avoiding, minimizing, and mitigating environmental impacts will occur to the greatest extent possible in every step of the process, from siting to procurement, to construction, operation, and decommissioning. We encourage the Commonwealth to identify and include in RFPs the highest environmental standards and practices, in alignment with neighboring states.

In addition, we appreciate the emphasis placed on onshore siting and transmission upgrades in the text and suggest that a specific bulleted "strategy action" be added to commit to coordinating across the region with the federal government, other states and offshore wind developers to provide landing and transmission capacity for wind resources. The process of upgrading the regional grid is highly complex and will require cooperation and investment by many interests outside of EEA.

Land Sector Strategies

L1: Protect Natural and Working Lands

Leave a comment or suggestion about this strategy.

We have some specific recommendations related to the "Strategy Actions" in this section, as well as suggested additional actions that should be included in this strategy.

Strategy Action: No Net Loss of Forest and Farmland:

We appreciate the inclusion of No Net Loss (through smart growth, conservation, and restoration) as recommended as a strategy by the Resilient Lands Initiative (RLI) - in which the Conservancy participated. We believe the proposed No Net Loss strategy would be strengthened if EEA would:

- Set goal/baseline: Acreage goal for protected land and a baseline figure at which to 'set' and track no net loss, such as: forest and farms saved from development; best remaining water supply and habitat protected; and, most intact landscapes protected.
- Measure outcomes: Measure and report land use conversion and trends in greenhouse gas inventories, such as the carbon loss from deforestation, including trends in Environmental Justice communities that impact urban tree canopy cover as well as urban tree loss.
- Prioritize Environmental Justice: Policies and programs should include priority set-asides for: 1) conserving land near Environmental Justice communities and water supply lands; 2) maintaining mature urban tree canopy; and, 3) conserving large, interconnected forests (which contain the highest carbon).
- Adopt the mitigation hierarchy: The CECP should highlight and express the goal of aligning policy and funding to follow the hierarchy of: protect, manage, and restore natural and working lands: Protection is the base of the hierarchy and the preferred action because a portion of the carbon lost when we lose natural and working lands is essentially irrecoverable carbon and cannot be regained even with intensive management or expensive restoration.
- Support and enhance existing programs: Establish goals for funding and investment that continue and enhance existing state land protection, restoration, landowner incentives and conservation assistance programs. Be specific about existing programs, including raising the annual cap on the Conservation Land Tax Credit, investing in existing land conservation and restoration programs, etc. Suggest adding carbon as a criterion in the evaluation of state conservation programs.
- Create guidance tools: Create a spatial decision support tool to calculate net losses and gains, to quantify impacts and benefits, and to guide decision-making at all scales and across land use types, communities, and geographies.

- Promulgate regulatory requirements: Go beyond providing incentives and promulgate regulatory requirements. For example, the Massachusetts Environmental Policy Act (MEPA), currently under revision, should be revised to avoid, minimize, and mitigate land use conversion. To further protect forests in all geographies, add tree removal as a mandatory threshold under MEPA for an Environmental Impact Review, for trees of a size, to be determined by geography.

- Enact new legal authority: New, more robust statute should be enacted to protect the farms and forests identified using a science-based prioritization methodology.

Strategy Action: Protect and Restore Inland and Coastal Wetlands (Blue Carbon):

We appreciate the inclusion of blue carbon systems in the CECF. These ecosystems cover a small amount of area, but because they store decades to hundreds of years of stored carbon in sediments, degradation or loss of blue carbon systems has an outsized impact on the Commonwealth's carbon inventory.

Currently, the CECF calls for "maintaining protections" for blue carbon systems. Unfortunately, current protections are not sufficient to prevent the degradation and even outright loss of salt marshes and eelgrass beds. More than "maintenance" is required. Only by addressing nutrient and pollutant export from stormwater and wastewater will we prevent blue carbon ecosystem degradation and loss from pollution across our coastal watersheds. We recommend:

- Using the Massachusetts Wetlands Protection Act regulations to reduce climate change impacts by reflecting future climate change projections (sea level rise, shifting temperatures, changing precipitation projections).

- Revising standards and requirements for Nutrient Sensitive Areas, MS4 requirements, and CSO requirements to reverse current and prevent future nutrient pollution and alteration of these systems.

- Encouraging and incentivizing adoption of onsite decentralized wastewater management and septic systems that reduce pollutants to the maximum extent practicable.

- Enhancing the Massachusetts Department of Environmental Protection's programs that assist municipalities in reducing upstream pollution from nitrogen and sediment that can degrade blue carbon systems by providing funding and technical assistance to municipalities, sharing successes from other municipalities, and encouraging protection of natural buffers along coasts and rivers to filter pollutants.

- Increasing restoration efforts to secure existing blue carbon stocks and

improve the ability of blue carbon systems to sequester carbon. Provide additional funding for the Division of Ecological Restoration and Office of Coastal Zone Management, directed towards restoration projects that have the biggest carbon sequestration and storage benefits. Explore the potential for carbon credits using the Verified Carbon Standard methodology for tidal wetland and seagrass restoration.

- Allocate a portion of state funds to increase wetlands in EJ populations and in urban communities, which experience disproportionately high heat island effect.

Suggested Additional Strategy Action: Promote Nature-Based Solutions:

Nature-based solutions (NBS) are ways for communities to enhance safety and avoid costs by protecting, restoring, and managing ecosystems to reduce risks to communities from natural hazards, such as flooding, heat, and drought. Many Massachusetts programs support efforts to repair ("right-size") functional or remove obsolete infrastructure, such as culverts, small bridges, seawalls and dams, across the state that are deteriorating and are vulnerable to being washed out by severe storms and flooding. These efforts both create jobs and help build more resilient communities. We suggest the CECP include the following to promote the use of NBS:

- Wherever possible, use blue carbon systems, inland wetlands, and floodplains, or use a mix of green and gray infrastructure, rather than building gray infrastructure to reduce risk from floods and storms.
- Ensure that state permitting processes encourage consideration of NBS by requiring or requesting a description of NBS alternatives considered for projects during MEPA review as appropriate. Work to streamline permitting processes for NBS projects.
- Ensure that NBS, blue carbon creation, and maintenance jobs go to residents of EJ populations. Create and maintain job training and workforce development opportunities for residents of EJ populations.
- Create incentives for reforming local ordinances, bylaws, and permitting processes to ensure no net loss of ecosystem services through protection and maximization of green infrastructure/NBS in all new and redevelopment. For example, consider encouraging zoning measures such as: Open Space Residential Design, Natural Resource Protection Zoning by right, Transfer of Development Rights.

Suggested Additional Strategy Action: Reforestation:

Although recommended by the IAC, strategies related urban trees or reforestation are missing from the CECP. One of the largest opportunities for carbon drawdown in Massachusetts is reforestation. Reforestation is the act of returning trees to an area that used to be forest but is no longer

forested. This can include active planting of trees or changing management or soil conditions to allow trees to naturally reforest an area. Reforestation provides carbon benefits while also helping to manage stormwater and floodwaters, restore wildlife habitat, and improve soil health. We strongly recommend these strategies be added to the plan and called out as a "Strategy Action" in this section, or section L2.

The state should set an audacious goal to plant a specific number of urban and suburban trees by a certain date, with a focus on environmental justice communities, and along rivers, streams, and meadows. The CECP should support such an initiative, including:

- Set numeric goals for urban greening and reforestation, such as: acres of tree canopy saved; acres of new urban greenspace created; miles of river banks planted; acres of new urban habitat in greenways in environmental justice communities; and/or acres of pavement restored to green.
- Collect additional data on urban trees, where losses occur, and the types of development that are associated with loss.
- Support communities in adopting tree retention ordinances, with unavoidable tree removals requiring payments into a local fund for tree planting.
- Educate landowners about natural reforestation of lawns and landscapes, which is a relatively low-cost strategy; however, it requires both planning and stewardship. The recent Massachusetts Healthy Soils Action Plan lists the addition of trees and shrubs to turfgrass and lawns as one of its top recommendations for increasing soil health in developed landscapes.
- Increase the pace of city tree planting programs. Plant large trees in areas that remain non-forested (sidewalks, medians, etc.). Retain existing city trees and set targets for planting new trees and for survival of planted trees in Environmental Justice communities, all 26 Gateway Cities, and other urban centers. Prioritize the siting of trees where they will reduce heat island effects and lower the heating and cooling energy needs of nearby buildings and to absorb stormwater. City trees have considerable local benefits, including reduced energy use in nearby buildings, reduction in the heat island effect, better control of stormwater, improved air quality, and cardiac and mental health benefits.

The CECP should also include strategies to promote tree planting in rural and suburban areas to support both mitigation and adaptation outcomes, such as:

- Invest in active reforestation of streambanks and floodplains. When the highly productive soils in riparian areas are reforested, they tend to lead to faster and greater carbon benefits than upland soils. The benefits to water quality, such as reducing streambank erosion and preventing fertilizer and

other pollutants from entering drinking water supplies, are also well worth the investment. Of the ~260,000 acres of reforestation opportunity in Massachusetts, almost 24,000 acres are on lands that are frequently flooded (data available at www.reforestationhub.org). Programs such as the Natural Resource Conservation Service cost-share programs provide one potential funding source for active reforestation (tree planting) in these areas. State funding, such as through wildlife habitat grants, and aquatic restoration grants, should also be expanded to support riparian reforestation.

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

Leave a comment or suggestion about this strategy.

Strategy Action: Implement Incentives and Best Management Practices:

To further strengthen this section, we recommend adding a priority action to provide additional rebates, or ecosystem service payments, to landowners/managers who manage or restore lands in ways that store more carbon on the land and in usable products over the medium term (through 2050). For example, the CECP could recommend adding incentives to the chapter 61 program for landowners who implement the carbon-beneficial management practices developed by stakeholders as part of the Family Forest Carbon Program and Mohawk Trail Woodland Partnership pilot of the Forest Resilience Program. To make this program accessible to as many landowners as possible, we recommend using a fixed rate of payment for different land classes, or for each management practice, to decrease the bureaucratic load on landowners.

Strategy Action: Additional Forest Carbon Research:

EEA should put research in perspective relative to the opportunities to take "No Regrets" actions. The scope of EEA's evaluation of carbon flux was limited in the RoadMap to two aspect of forests. EEA rightly focused on forests, the most significant means of sequestration and carbon storage. However, EEA should be clear in the CECP on what it did and did not evaluate, such as other aspects of forests, soils, wetlands, and salt marshes. Although the CECP states that additional analyses will be commissioned, it should include a clear rationale for what additional analyses of natural and working lands carbon are needed, when they will be done, and how the results of analysis will directly inform action. We also recommend that additional analyses go beyond just forest management and fill any lingering data gaps related to wetlands, soils, salt marshes etc. that might be necessary to advancing natural and working lands carbon. EEA should place these evaluations in context relative to each other in terms of the amount of potential sequestration, storage, and emissions.

L3: Incentivize Regional Manufacture and Use of Durable Wood Products

Leave a comment or suggestion about this strategy.

The CECP unfortunately does not account for the embodied carbon in steel and concrete within the building sector. However, we appreciate that this section of chapter 6 makes the connection between the building sector and the use of sustainably harvested wood, and the carbon benefits of substituting wood for more carbon-intensive traditional building materials.

We suggest that the CECP get much more specific than to "continue exploring opportunities" to incentivize the use of sustainably harvested wood. For example, the CECP could:

- Recommend enforcement of existing procurement policies, or expansion of those policies, to require the use of local wood when available.
- Suggest that EEA use a quantitative measure of embodied carbon for all building materials for state-funded construction, similar to California's "Buy Clean California Act." Such a policy would set a maximum global warming potential for building materials eligible to be used in state projects, whether wood, concrete, steel, or other products.
- Refer to the ongoing Regional Dialogue on Incentivizing Mass Timber to Reduce Climate Change for additional recommendations for ways to incentivize the manufacture and use of wood building products in our region.

L4: Develop Sequestration Accounting and Market Frameworks

Leave a comment or suggestion about this strategy.

Strategy Action: Develop the measurement, accounting, and market frameworks necessary to support development of a regional carbon sequestration offset market:

Massachusetts should be commended as one of four states to adopt Net Zero. However, this relatively new policy territory requires caution, due diligence, and care to avoid unintended consequences. The Commonwealth's goal of "gross" emissions reductions reflects the need for first achieving deep greenhouse gas emissions reductions across all sectors, before considering ways to absorb or offset the remaining unavoidable greenhouse gas emissions (again, across all sectors, including land). Any consideration of using increases in the amount of carbon sequestered by lands to offset emissions from other sectors needs to establish requirements that avoid unintended consequences, such as allowing more pollution in underserved and overburdened communities. Stakeholders should help develop:

- Requirements and ranking criteria relating to additionality, verification, leakage, permanence, and co-benefits;
- Safeguards to prevent additional harm and provide benefits to environmental justice and vulnerable communities;
- Preferential criteria - offsets that have both climate mitigation and adaptation benefits should receive preference for funding; and
- Prioritization of MA-based activities for offset that address unintended consequences and keep benefits local.

Offsets require a higher standard of additionality than climate action outside of an offset framework. Because offsets enable carbon pollution elsewhere, it is important to be more conservative, precise, and transparent when measuring carbon credits sold in an offset market, versus carbon tons included in a state-wide inventory. Regional cooperation will be important, and Massachusetts might consider what carbon pools it wants to keep out of the private offset markets to ensure that those can eventually be counted in a net-zero framework or a regulatory offset market.

Developing sequestration accounting and market frameworks is challenging, but many other countries and regions have already done so. We urge EEA and the Massachusetts Department of Environmental Protection to use best management practices aligned with international standards of carbon accounting and inventories, for example by considering the resources, principles, and lessons learned in the "Natural Climate Solutions Handbook" and the IPCC and other international reports listed within. This guide for countries considering natural climate solutions within their national climate commitments will be published next month at nature4climate.org.

Strategy Action: Inter-agency Carbon Sequestration Task Force:

EEA missed an opportunity to engage the public regarding carbon sequestration measures, accounting, and frameworks during the process of issuing the Letter of Determination for Net Zero and development of the CECP. The Conservancy recommends that EEA convene a robust stakeholder process, including groups far broader than the IAC and its work groups. It is essential that EEA provide a public process as these issues relate to the transparency and accountability regarding the place that natural and working lands accounting fit within the Net Zero Framework.

In addition, as an offsets framework is developed, we urge EEA to convene a robust stakeholder process to consider offsets in the context of other emissions sources and especially to ensure representation of environmental justice communities. Without early and genuine representation, we risk creating a regional market that allows pollution in underserved communities while concentrating funding and non-carbon benefits elsewhere.

Strategy Action: Update the statewide biogenic emissions inventory:

Please see the memo from conservation and environmental NGOs provided to EEA in July of 2020. In summary: EEA should commit to a start date and a projected business as usual scenario. Establishing a baseline is as important for the natural and working lands sector as it is for other sectors in the Global Warming Solutions Act because it allows us to monitor changes in carbon emissions and removals in order to understand return on investment, and measure progress towards our carbon goals. If the chosen start date is different than 1990 (the baseline year for the other sectors under the Global Warming Solutions Act), then the state needs to provide a transparent and comprehensive explanation for the different start date.

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EXdyFS2Dsm5GqqaE8skZ1kB7VoquPcm-hYZDNcqjbgihA?name=/103686249_TheNatureConservancy2030CECPcommentletter.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:23 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.20.74.67
Unique ID:	782002430
Location:	42.245098114014, -71.18399810791

Name	Sheila McKnight
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Affiliation (town or organization)	West Roxbury (Boston) 02132
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am a Boston residence and support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy. I ask that elimination of gas powered leaf blowers be included in the Clean Energy and Climate Plan for 2030.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:24 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	24.62.203.23
Unique ID:	782003129
Location:	42.389598846436, -72.453399658203

Name	Renu Bostwick
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Affiliation (town or organization)	Mothers Out Front Massachusetts
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies Electricity Sector Strategies
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Buildings Sector Strategies

Electricity Sector Strategies

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:26 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.61.10.238
Unique ID:	782004001
Location:	42.30590057373, -71.085899353027

Name	Marie Canaves
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here. To Whom it May Concern:

As a Massachusetts resident, I fully support a complete ban on gas-powered leaf blowers in the state. They are terrible polluters and make an extraordinary amount of deafening, needless noise.

Thank you,

Marie Canaves

Roslindale, MA 02131

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:27 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	108.20.203.186
Unique ID:	782004339
Location:	42.245098114014, -71.18399810791

Name	Christopher Ferry
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Affiliation (town or organization)	Roslindale neighborhood of Boston
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

I ask you as a concerned Boston resident to support a ban on gas powered leak blowers. The amount of pollution they contribute to our planet is ridiculous. That does not even take into account the noise pollution and the amount of particles they send into the air we breathe. Every time an animal does its business on the ground, the leaf blower will kick up up for people to breathe in.

Please consider a ban on these machines. We have rakes and brooms for a reason. A little exercise never hurt anyone either!

Thank you for your time!

Christopher Ferry

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:29 pm
Browser:	Firefox 86.0 / Windows
IP Address:	100.0.30.7
Unique ID:	782005304
Location:	42.426300048828, -71.454200744629

Name	Sarah Simon
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Affiliation (town or organization)	Environmental Entrepreneurs (E2)
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies Non-Energy Sector Strategies Land Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E4: Continue to Deploy Solar in Massachusetts E6: Incorporate GWSA into Distribution-Level Policy Considerations
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Non-Energy Sector Strategies	N2: Implement Best Practices Around Residual Non-Energy Emissions
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Land Sector Strategies	L4: Develop Sequestration Accounting and Market Frameworks
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 2. Moderately support
--	------------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

Our workforce must have good training and access to clean mobility and jobs in both urban and rural areas. The whole CECP must accomodate and be sufficiently flexible for innovative solutions.

We support this strategy but it does not go far enough toward mode-shift and transit to reduce VMT and improve access

Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Energy efficiency must continue to be emphasized as a means of achieving the needed reductions.

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

Power generation without carbon emissions must continue to be emphasized as a means of achieving the needed reductions. The cost of the renewable generation technologies may no longer require the previous level of public incentives to become major market forces.

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Solar energy as a local generation source has been severely stymied due to an older electric grid.

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	Every effort should be made to modernize the system before 2030 to effectively accomodate local generation, including wind. However, in the next ten years, we must make the transmission and other electrical infrastructure completely ready to allow full deployment.

Non-Energy Sector Strategies

N2: Implement Best Practices Around Residual Non-Energy Emissions

To what extent to do you support this strategy?	Choose one = 2. Moderately support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Land Sector Strategies

L4: Develop Sequestration Accounting and Market Frameworks

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
---	-----

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQjhiTG_91JHjtwy9Y3G-TQBaRUkpPN2VtGI_UrZCmAPAw?name=/103686249_2021.03.22E2lettertoEEA.CECPcomments.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:30 pm
Browser:	Chrome 89.0.4389.95 / Chrome OS
IP Address:	173.48.97.172
Unique ID:	782005717
Location:	42.245098114014, -71.18399810791

Name	Ana Colbert
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Affiliation (town or organization)	Boston resident
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am writing in support of BANNING gas-powered leaf blowers
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:30 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	72.43.88.243
Unique ID:	782006059
Location:	43.187099456787, -70.910003662109

Name	Sarah Hancock
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Affiliation (town or organization)	Boston Resident
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Electricity Sector Strategies
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Transportation Sector Strategies	T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Transportation Sector Strategies

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
---	--

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
---	----

Leave a comment or suggestion about this strategy.	I support stronger commitments to improve transit and reduce vehicle-miles-travelled (VMT).
---	---

Other state goals, including air quality benefits, quality of life, and equity, are advanced by investing in transit.

Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	<p>I support an aggressive expansion of the CES to 60% by 2023 and 100% by 2030. Renewable energy is one of the easiest ways to reach 2030 carbon limits.</p> <p>Neighboring state Rhode Island is seriously considering going 100% renewable by 2030. Massachusetts should, too.</p>

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:31 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	96.252.2.124
Unique ID:	782006377
Location:	42.265800476074, -71.610496520996

Name	Deb Pasternak
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Affiliation (town or organization)	Sierra Club Massachusetts Chapter
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Dear Secretary Theoharides, Undersecretary Chang, and the 2030 CECP team,
--	---

Attached, please find a pdf of a Sierra Club members comment letter - to provide input on the Interim 2030 CECP.

Please don't hesitate to ask questions.

Yours sincerely,

Deb Pasternak

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EYiyTazNxiZDtHxdyTdYzb8BdLFHN-klj-ZIm5TMEoxWdQ?name=/103686249_2030CECPMemberCommentsLetterMar2020.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:33 pm
Browser:	Chrome 89.0.4389.82 / OS X
IP Address:	24.34.193.104
Unique ID:	782007222
Location:	42.389598846436, -72.453399658203

Name	Felicia Mednick
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Affiliation (town or organization)	Mothers Out Front
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies Land Sector Strategies
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Electricity Sector Strategies	E3: Align Attribute Markets with GWSA Compliance
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Land Sector Strategies	L1: Protect Natural and Working Lands
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Electricity Sector Strategies

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
--	---------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

Benefits Other	All of the above will be sacrificed if we allow the Springfield biomass plant to be built. Especially at this late date when we already know so much.
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Do you see any key DRAWBACKS to this strategy?	Yes
---	-----

Please describe the drawbacks you see for this strategy.	Stop subsidizing the false climate solutions of burning garbage and woody biomass.
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
---	----

Leave a comment or suggestion about this strategy.

The state's decarbonization strategy falsely assumes that emissions from burning waste products, in particular wood residues, will have zero carbon emissions. Biomass power plants and garbage incinerators emit more carbon dioxide and harmful air pollutants per unit of energy than coal plants and are disproportionately sited in Environmental Justice communities. Letting trees grow, and reducing and recycling our waste, are real climate solutions. Massachusetts must remove woody biomass and garbage incineration from the Alternative Portfolio Standard (APS), the Renewable Portfolio Standard (RPS), the Clean Energy Standard, and the Clean Peak Standard by 2022 and end state subsidies for woody biomass combustion.

Land Sector Strategies

L1: Protect Natural and Working Lands

To what extent to do you support this strategy?

Choose one = 5. Strongly oppose

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = Other*

Benefits Other

Burning wood very quickly in a biomass plant will reduce our ability to sequester carbon and will quickly add to atmospheric heating.

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

Protecting forests is essential for carbon storage and meeting our net-zero goals.

Leave a comment or suggestion about this strategy.

The 2030 CECP fails to provide a coherent and workable plan that will ensure forests will be able to meet the challenge required to achieve carbon neutrality by 2050. Massachusetts should maximize carbon storage on the approximately one million acres of state-owned forest lands by immediately and permanently protecting them from commercial exploitation and putting them into a Carbon Reserve Program. The plan should also include policies to reduce or eliminate incentives for logging on private forest lands and switch to a carbon-based incentives program to promote proforestation through the use of reduced taxation (Chapter 61"C") and enrollment in carbon credit markets that provide non-timber income to property owners. Revise Strategy L3 to promote keeping forests intact and stop promoting more consumptive uses of forests like developing a market for biomass energy and "junk wood," production of cross laminated timber (CLT) and other "durable wood products" that degrade current carbon storage by forests and reduce future potential carbon capture capacity. The best and largest trees that will be targeted for consumptive uses are the very trees that are essential to keep in place as they rapidly increase their carbon removal and storage rates.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:35 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	72.74.93.103
Unique ID:	782008519
Location:	37.750999450684, -97.821998596191

Name	Lisa Hiserodt
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Affiliation (town or organization)	West Roxbury
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging
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Transportation Sector Strategies

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Leave a comment or suggestion about this strategy.	growth suggests that the pace of program needs to be faster and the strategies prioritized in order to meet 2030 and 2050 targets.
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Can EVSE being installed similarly to parking meters? Or better yet, instead of parking meters?
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:38 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	205.177.112.129
Unique ID:	782009642
Location:	38.783298492432, -77.123397827148

Name	Helen Walter-Terrinoni
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Affiliation (town or organization)	Air-Conditioning, Heating, and Refrigeration Institute (AHRI)
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EQfClIuJF6RFjde11br7Zx0BW1JwrMYUISb1tOmMtjhmsw?name=/103686249_AHRICommentsonMA2050Plan20210322.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:47 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.119.115.51
Unique ID:	782014141
Location:	42.359600067139, -71.128700256348

Name	Matthew Stern
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Affiliation (town or organization)	Counsel for Eversource Energy
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/Edjth05YhX1Krhei8mtAUzcb6SVJu5NaLsdvjQ2fP_wVBQ?name=/103686249_Eversource2030CECPCommentsfinal3.22.21.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:48 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	198.208.46.79
Unique ID:	782014553
Location:	42.609600067139, -83.051597595215

Name	Tom Van Heeke
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Affiliation (town or organization)	General Motors
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
---	---

Leave a comment or suggestion about this strategy.

GM applauds the Commonwealth for including sector-wide, market-based approaches in its Interim Plan. Not only can these approaches be effective at reducing emissions by design, but they can also serve as catalysts for the development of the EV market and for air quality improvements in disadvantaged communities. In fact, the Commonwealth could use revenues generated by these policies to help fund other strategies and goals outlined in the Interim Plan, including purchase incentives and charger deployment.

- TCI

GM encourages the Commonwealth to maximize the impact of TCI with strategic investments of the program's proceeds, for example in meaningful point-of-sale EV purchase incentives-including potentially for used EVs-and charging infrastructure that meets a variety of needs. This should include programs to install highway, workplace, and residential charging for those living in multi-unit dwellings (MUDs).

- Regional Low Carbon Fuel Standard (LCFS)

LCFS policies have many benefits and GM strongly supports the inclusion of one in the Interim Plan. LCFS programs use the power of markets-introduced through credit/deficit trading mechanisms-and strong economic incentives to reduce GHG emissions and air pollution from the transportation sector. Crucially for transportation electrification, credit trading means such initiatives can create new revenues to fund EV purchase rebates and other consumer-facing incentives. And because the typical LCFS program design creates credit generation opportunities specifically for public charging operators and fleet owners who use electricity as a transportation fuel, they can also stimulate private investment in infrastructure and fleet electrification where business cases might otherwise be challenged in the current market. (Similar benefits can extend to school and transit bus fleets.) In fact, in documentation supporting California's Advanced Clean Trucks rule, regulators referenced LCFS credit revenue as a contributor to positive total cost of ownership calculations that would favor fleet-switching to EVs in the medium- and heavy-duty (MHD) segment. With the Commonwealth moving to establish goals for MHD electrification, GM urges decision-makers to implement the full suite of necessary public policies in support of these goals, including LCFS, to maximize the likelihood of success.

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Leave a comment or suggestion about this strategy.

From our experience in the EV market, GM knows that customers want a no-compromise vehicle that is well designed, fun to drive, and most importantly delivers at least 300 miles of electric range on a full charge. At the same time, they want pricing in line with internal combustion engine vehicles. Battery costs, however, remain high despite advances in the technology and manufacturing, and the need to provide greater range to meet consumer expectations continues to put upward pressure on retail EV costs. Addressing this cost premium is critical for building sales momentum while the market and underlying technology matures.

Consequently, GM strongly supports the Interim Plan's emphasis on incentives across all vehicle segments. For light-duty vehicles, the best incentives offer a substantial discount and are available at the point of sale. Research finds that every \$1,000 offered as a rebate or tax credit increases the average sales of ZEVs by 2.6 percent. In the MHD segment, high upfront vehicle prices are often cited as one of the most significant barriers to electrifying MHD vehicles and those costs can exceed the capital means of many fleet owners. Incentives can make the difference for those looking to switch. Best practices in MHD incentives include a first-come, first-served approach that minimizes paperwork for fleets, meaningful rebate amounts, no scrappage requirement, and providing sufficient, durable funding. Rapidly growing demand for established incentives such as the California Heavy-Duty Vehicle Incentive Program (HVIP) only underscores the need for a substantial resource allocation to underpin these initiatives. The Interim Plan appears to recognize all of this and showcases the Commonwealth's desire to accelerate the ZEV market's early momentum with effective public policy. Bringing these vehicles fully into the mainstream before 2030 will likely require incentives for much of the coming decade and GM encourages Massachusetts to remain committed to these programs.

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice

Leave a comment or suggestion about this strategy.

The Interim Plan's focus on charging infrastructure and smart charging is appropriate. In GM's experience, the lack of charging infrastructure causes significant anxiety among potential EV buyers and there are large unmet needs in both private and public settings, including workplaces, residences and in particular MUDs, and highway locations.

As noted above, GM believes both TCI and a regional LCFS represent valuable opportunities to accelerate installations in diverse locations, and the Interim Plan has taken an additional positive step in proposing the exploration of a utility-based residential charging incentive program. But the Commonwealth should also think creatively about other means of removing barriers to installation, including permitting reform and other "soft-cost" reduction measures, much as it has already demonstrated a willingness to innovate through smart charging initiatives and a rethinking of rate structures. Electricity rates are central to transportation electrification efforts and, as the Interim Plan notes, can adversely affect the business case for public Direct Current Fast Charging (DCFC) sites. However, the benefits of thoughtful rate design extend beyond DCFC operators, helping build and sustain consumer and fleet interest in EVs by ensuring cost savings compared with gasoline. Overall, GM believes that making progress in these areas will be key to the success of the Interim Plan and we support the Commonwealth's efforts.

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Leave a comment or suggestion about this strategy.

All stakeholders have a role to play in improving consumer awareness of EVs and their benefits for the environment, public health, and owners and users. For its part, GM contributes to and participates in public-private partnerships focused on this very issue, including the "Drive Change. Drive Electric." campaign in the Northeast states, a collaborative project involving automakers and the Northeast States for Coordinated Air Use Management (NESCAUM). Nonetheless, more is needed, and GM welcomes the Interim Plan's call for greater efforts by the Commonwealth. The actions described-funding pilot programs in high-impact, high-visibility applications like urban delivery and offering technical assistance for fleet owners and operators-appear positive, but the details matter. GM stands ready to engage with these efforts by offering our insights and perspectives to maximize impact.

GM also suggests that Massachusetts consider how other actions could support this strategy. For instance, leading by example with an accelerated electrification program for the state fleet or promoting workplace charging installation. Seeing state-owned EVs on the road or a colleague's EV parked and charging at one's worksite offers the exciting possibility of creating a "second showroom" in the very places potential EV buyers live and work and drive, underscoring the day-to-day utility of EVs in settings and circumstances familiar to typical drivers and consumers.

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?

Choose one = 2. Moderately support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health

Leave a comment or suggestion about this strategy.

GM recognizes that stabilizing VMT and supporting a full range of transportation options are potentially important elements of a climate plan that achieves deep emissions reductions in the transportation sector. Arresting growth in VMT or even achieving vehicle travel reductions could also deliver targeted improvements in air quality in communities bordering or in the vicinity of major roadways. To achieve this, a redoubled focus on smart growth policies, holistic investments in transportation infrastructure including transit services and bicycle and pedestrian facilities, and demand management tools could all play a valuable part. We look forward to working in partnership with stakeholders to explore these opportunities and welcome the Interim Plan's consideration of this important issue.

General Comment or Letter Upload

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EclnEhGcdaRGrdtMPQfIl20BjiyhcvhJHCC-sm4FERMrTQ?name=/103686249_GM_MARoadmapComment_FINAL.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:48 pm
Browser:	Chrome 88.0.4324.186 / Chrome OS
IP Address:	66.31.131.97
Unique ID:	782014662
Location:	42.087600708008, -71.407302856445

Name	Amy Leblang
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Affiliation (town or organization)	Wayland
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

Your plan overall is too focused on electricity.

The transportation section is aimed entirely at selling electric vehicles, rather than reducing light-duty vehicle usage by promoting other forms of transportation. You even dismiss "decreasing VMT as an emissions reduction strategy" as if all cars will produce zero emissions by 2030. Electricity still produces emissions (including the SF6 mentioned in section 5). Manufacturing cars and batteries and charging stations still produces GHG emissions as well as other environmental hazards.

You specifically list a goal of putting a certain number of light-duty ZEV on the road. This should be phrased instead as removing that number of fossil-fuel-burning vehicles. As written your goal could be "met" by adding ZEV without removing ICEV, and not met by diverting ICEV drivers to mass transit.

Expanding the use of public transit is the most effective way to reduce emissions. In T6 you discuss reducing VMT by locating new buildings near existing transit stations, but you make no mention of increasing public transit to existing buildings. We need bus service that runs 24/7, not just in Boston but in smaller cities like Framingham. We need last-mile solutions (such as bike lanes) to get residents to and from commuter rail stations.

Those busses do need to be EV. In your focus on light-duty ZEVs, you were unwilling to commit to any action on heavier vehicles because the technology isn't popular yet. Electric busses do exist. Overhead-power trolleys have been an option since 1888. The technology will improve when there's a market: mandate that all state- and municipal-owned vehicles must be electric by 2030, and the manufacturers will provide them.

One more point on the transit section. In T5 you describe actions to educate people who are already looking to buy an EV. We need a much wider public awareness campaign for EV like the one for heat pumps described in B2. Communicate to consumers the up-front rebates (mentioned in T3&T4) as well as the lower cost of ownership (e.g. compare gas prices vs cost of overnight electricity).

Your Buildings section likewise fixates on your favorite electrical solution, heat pumps. These cannot fully replace natural gas as a heating source. With climate change driving more extreme weather, there will be times when the temperature is too cold for heat pumps to function, or when electricity supply fails like it recently did in Texas.

The code improvements advocated in B1 cannot possibly meet 2030 or 2050 targets if they aren't mandatory until 2028 and only "cut new building energy use in half." What about incentives to retrofit existing buildings? What about efficiency standards on appliances? Rather than set caps on residential fuel consumption based on the 2030 and 2050 emission goals, you're wasting time by convening another task force to propose

mechanisms in 2023 that might take several more years to implement.

Improving the energy grid's resilience is beyond the scope of this Plan. But your discussion of distributed energy sources makes me worry that you think solar power will solve the grid's current problems by reducing its average load. As electricity becomes ever more essential, the grid needs to be able to supply power to all customers even when a winter storm makes solar panels useless.

Besides emissions generated within Massachusetts, a climate plan should pay attention to the emissions we cause elsewhere by importing goods (including food). We need incentives for local production in order to reduce transportation and bring that production under MA regulation.

I've only mentioned things that I'm critical of, but I do want to praise section L2. It's good that you're looking into the long-term health of forests instead of maximizing short-term sequestration with a monoculture. Planting trees is a great mitigation in the short term, but it can only go so far, even if the wood use incentive in L3 comes with a requirement to plant replacement trees.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:49 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	146.115.100.226
Unique ID:	782015116
Location:	42.416599273682, -71.146896362305

Name	Seth Federspiel
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Affiliation (town or organization)	City of Cambridge
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Please select the sectors and strategies on which you would like to comment.	<p>Transportation Sector Strategies</p> <p>Buildings Sector Strategies</p> <p>Electricity Sector Strategies</p> <p>General Comment or Letter Upload</p>
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Transportation Sector Strategies	<p>T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions</p> <p>T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards</p> <p>T3: Reduce Upfront ZEV Purchase Cost Burden</p> <p>T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging</p> <p>T5: Engage Consumers & Facilitate Markets</p> <p>T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes</p>
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Buildings Sector Strategies	<p>B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant</p> <p>B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems</p> <p>B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions</p>
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Electricity Sector Strategies	<p>E1: Fill Current Standards & Execute Procurements</p> <p>E2: Develop and Coordinate Regional Planning and Markets</p> <p>E3: Align Attribute Markets with GWSA Compliance</p> <p>E4: Continue to Deploy Solar in Massachusetts</p> <p>E5: Develop a Mature Offshore Wind Industry in Massachusetts</p> <p>E6: Incorporate GWSA into Distribution-Level Policy Considerations</p>
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Need a clear strategy for effectively and equitably investing revenue from TCI

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Don't neglect potential of electrifying MDHDV sectors

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Ensure steady funding source for state incentives to avoid interruptions and increase consumer confidence

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Need to also address requirements to include charging infrastructure in new construction/renovation -Ensure rates are fair/consistent across at-home vs. shared charging infrastructure, given that not all EV owners have access to at-home charging

Do you think the **BENEFITS** of this strategy outweigh its **DRAWBACKS**? Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy? No

Leave a comment or suggestion about this strategy. -Pair EV education with MassSave outreach/engagement to increase impact
-Create standards for communications about what EVSE offers drivers

T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy? No

Leave a comment or suggestion about this strategy. CECP needs significantly stronger emphasis on VMT reduction, public transit and active transportation, particularly in dense areas of the state; VMT reductions should be treated as an underlying efficiency/conservation measure to build off of in other transportation sector policies
-Consider balance between LDV and MDHDV VMT trends and appropriate policy responses

Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Fossil fuel-free new construction is key to avoiding lock-in of buildings systems that are not 2050-compliant. Cambridge agrees that stretch code options and codes to further building decarbonization are critical. As detailed in the Commonwealth's 2050 Decarbonization Roadmap, a steady drawdown of gas use is necessary to avoid an uncontrolled exit. Indeed, the 2050 Roadmap indicates that this phasedown of gas use must begin in the near term and very clearly states the need for this decline to be underway by 2030. It also states that "Almost all new buildings can cost-effectively pursue an efficient electric design that... pays for itself by reducing heating equipment cost and energy requirements. Accordingly, codes must focus on all-electric new construction and renovation. Without this component, a high-performance code will allow the continued installation of gas-fired equipment, continuing dependency on an aging gas network. In and of itself, a high-performance envelope is not enough of an incentive for builders to avoid gas equipment: even PassiveHouse does not require going all electric and small-to-midsize buildings may continue to install gas furnaces or boilers despite readily available all-electric options. The continued installation of gas stoves and dryers also factor into this dependency.

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	Without access to enough installers the pace of clean heating installs can not be achieved. Without deep weatherization clean heating will be too expensive for some households.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.

Renovations and equipment replacement points should also be leveraged to eliminate fossil fuel consumption. The CECP and the 2050 Roadmap have clearly identified that the most cost-effective time for heat pump installation is at the time of home renovation or system end of life. New statewide programs that intervene at these critical points to electrify buildings are needed in order to avoid the lock in of gas equipment and the continued reliance on gas infrastructure. Ideally, the Commonwealth could develop a pathway for new requirements to 'replace with clean heat', as is being enacted in Seattle.

Whole-building retrofit approaches should also be prioritized. While the effort to include carbon into three-year planning cost-benefit calculations is valuable, the real need is to develop a whole-building decarbonization initiative that replaces the current MassSave measure-based energy efficiency program. The scale of necessary building upgrades, as detailed in the 2050 Roadmap, calls for a program that can offer packaged retrofits and specifically deep retrofits at scale. This would include envelope improvements, electrification, renewables, and flexible grid-enabled equipment. Our statewide programs must be specifically primed to deliver these types of upgrades for those buildings labeled "hard-to-serve", such as multifamily buildings, condo and rental properties, commercial spaces, and Low and Moderate Income properties.

Mass Save MUST ensure GWSA compliance is included in all program cost-benefit calculations in order to fully incentivize the deep weatherization and high upfront cost of clean heating equipment. Consumer demand for heat pumps is already outstripping installer capacity. Workforce training for deep energy retrofits and clean heating installation is key to the deployment pace envisioned. The Commonwealth needs to focus on multi-family housing (vs just single-family, 28) as it is limited in accessing HEAT loans, limited in accessing MPG scorecards and limited in accessing technical assistance.

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.	Focusing too much on hydrogen and renewable natural gas may drive up energy costs. Top priority should be on Innovative utility business models to affordably deploy clean heating systems and deep energy retrofits
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	The Commission and Task Force on Clean Heat should include more specific mechanisms and goals. While a market mechanism to reduce GHG emissions from building heating fuels could be effective, the current CECP description of the Commission and Task Force on Clean Heat is too broad and its impact too uncertain. More specific targets and policy options such as performance standards for large buildings should be prescribed by the CECP.
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We strongly support the implementation of a long-term, declining cap on heating fuels. Such a cap would create parity with the cap on power generation (RGGI), which is currently paid for by electric consumption. As this cap is designed, we must ensure that proceeds are directed towards the equitable expansion of clean heat.

-While the strategies here primarily call for individual building electrification, we need to continue to tap into the advantages offered by more networked solutions: shared geothermal systems offer many advantages for both building occupants and the grid, and are more commonplace in other countries. It is currently being piloted in Massachusetts. Communities like Cambridge, Chelsea, and Chinatown are working to support microgrids as well, which can support clean energy and electrification at the neighborhood scale. (District energy basically omitted in 2050 analysis).

-Market/incentive-based mechanisms should be complemented with transaction-based requirements to ensure goals are met on time.

Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

E3: Align Attribute Markets with GWSA Compliance

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Consider the role of voluntary clean electricity purchases, many of which are out of region. How do these align with in-region decarbonization approaches?

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Leave a comment or suggestion about this strategy.	Need to focus on solar and storage on-site to build climate resiliency. If this strategy is not deployed with a focus on deploying solar and storage to low and moderate income communities a huge opportunity for equity and BIPOC wealth-building will have been lost: Need to focus on deploying renewables as a wealth-building opportunity in EJ and low/moderate income areas.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy? No

E6: Incorporate GWSA into Distribution-Level Policy Considerations

To what extent to do you support this strategy? Choose one = 1. Strongly support

In which area(s) do you see key **BENEFITS** from this strategy? Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key **DRAWBACKS** to this strategy? No

Leave a comment or suggestion about this strategy.

We also need to ensure that electric rates are designed in a way that supports and encourages electrification. As the 2050 Roadmap details, the demand for clean electricity is expected to double due to building and vehicle electrification. In Cambridge, we are well aware of the need to plan for electrification in a way that maximizes benefits, reduces user costs, and minimizes grid infrastructure costs. Changes in rate policy could include flexible rate design for more consumers, support for community aggregations that provide electrification programs, and enabling microgrids to provide local area flexibility. Rates and utility regulations should also encourage demand-side management and non-wires alternatives to the maximum extent possible to mitigate the need for costly electrical infrastructure upgrades.

General Comment or Letter Upload

Please leave a general comment about the CECP here.

The City of Cambridge is committed to serving the needs of all its residents and particularly those most vulnerable to the negative impacts of climate change and those who have suffered from historic inequities. The City thus lauds the Administration's similar commitment to equity in the transition to a low-carbon economy. While the CECP highlights the importance of this focus and references the work of the Environmental Justice Task Force, the specific strategies contained within the CECP should be more strongly tied to equity considerations and designed to prioritize those vulnerable communities in its implementation:

- Proactively avoid future costs for those least likely to be able to afford future retrofits

Vulnerable populations should be prioritized to transition away from fossil fuels and onto renewable thermal technologies as soon as possible to avoid future exposure to potential rate volatility as the energy system transitions off of fossil fuels. This means that new affordable housing and projects undergoing major renovations should be required to be fossil fuel-free today, and resources should be put into determining technically and economically feasible retrofit pathways for the multi-family buildings that many low-income residents inhabit, specifically because those buildings are more difficult to retrofit than single-family homes. The health benefits of eliminating fossil fuel combustion in homes is particularly important for environmental justice communities which have suffered from historic environmental burdens.

- Explicitly consider resilience to climate change risks such as extreme heat and flooding for vulnerable populations

Given the impacts of climate change already been felt in Massachusetts, vulnerable populations should be prioritized to receive retrofit measures that will both reduce energy use and GHG emissions along with vulnerability to extreme heat and flooding. These measures include deep energy retrofits to enable passive survivability, heat pumps to provide both heating and cooling, and removal of expensive HVAC equipment from basements at risk of flooding. The full set of CECP strategies should be examined and adjusted to seek climate resilience co-benefits wherever possible.

- Provide zero-down, accessible financing options to fund energy retrofits
- While the MassSave low income programs provide a starting point for vulnerable residents to benefit from energy retrofits, these offerings are currently under-utilized and lack accessibility for many people. Throughout the CECP, financing options that are specifically designed for low-income residents as well as retrofit pathways for those who rent their homes should be examined and prioritized. Options could include expanded HEAT loan eligibility, residential property assessed clean energy, and on-bill financing.

- Explicitly promote wealth-building opportunities for historically disadvantaged populations

The strategies contained within the CECP represent a very significant level

of new investment and economic opportunity but, if not managed carefully, this economic activity may serve to perpetuate the historical gap between wealthy and low-income populations. The recommendations of the CECF should be analyzed to identify wealth-building opportunities for historically disadvantaged populations, such as prioritizing community-owned distributed energy resources and workforce development that targets BIPOC community members.

- Consider differentiated approaches for communities with different characters

Certainly, one of the challenges of developing a statewide climate plan is equitably addressing the needs of all community types within the Commonwealth, whether they are urban or rural, wealthy or lower income. Rather than pursue a one-size-fits-all approach, the Administration may wish to consider differentiating strategies by target community. For example, the current MassSave program effectively serves owner-occupied, single-family homes in suburban neighborhoods while underserving renter-occupied multifamily buildings in cities. Transportation needs and options are similarly distinct in urban and rural areas. Cambridge encourages the Administration to tailor the CECF strategies to meet the needs of all communities throughout the Commonwealth through differentiation rather than seeking a lowest common denominator.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:51 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	75.149.128.121
Unique ID:	782015790
Location:	42.165798187256, -70.95059967041

Name	Emmett Lyne
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Affiliation (town or organization)	Rich May, P.C. on behalf of the Massachusetts Energy Efficiency Program Administrators
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ESi_zKEq1aBCnPzWcQpx650BRodMbH2oEtLNod_0JN8OUQ?name=/103686249_ProgramAdministratorsJointCommentstotheCECP_3.22.21.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:54 pm
Browser:	Chrome 89.0.4389.82 / Windows
IP Address:	134.174.241.252
Unique ID:	782017293
Location:	42.345100402832, -71.099296569824

Name	Tom Yardley
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Affiliation (town or organization)	MASCO
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EcNGSsGU9zIlhqiBRN4wgpABOXldA4VQDnp5ZonxWWFsjg?name=/103686249_MASCOCECPcommentltr032221signed.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:54 pm
Browser:	Firefox 86.0 / Windows
IP Address:	68.198.239.102
Unique ID:	782017393
Location:	40.87329864502, -74.165901184082

Name	John Moynihan
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Affiliation (town or organization)	Northeast Clean Heat and Power Initiative
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 5. Strongly oppose
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	The end of subsidies for environmentally superior, high-efficiency CHP will leave potential carbon savings off the table.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
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Leave a comment or suggestion about this strategy.	<p>We urge the Executive Office of Energy and Environmental Affairs to revisit its proposal to end incentives for CHP, and continue rewarding high efficiency, environmentally superior CHP systems.</p> <p>CHP systems participating in Mass Save and the Alternative Portfolio Standard programs provide a suite of benefits to ratepayers that will still be realized up to, and potentially beyond 2050. They reduce the emission of CO2 and other criteria pollutants, as well as providing on-site electric and thermal resiliency. We suggest as one resource examining the benefits that are quantified for CHP projects that have received the Mass Save incentive, and urge that the Executive Office of Energy and Environmental Affairs utilize program information on CO2 reductions from CHP in their decision of whether to continue incentivizing projects.</p>
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:58 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.34.52.206
Unique ID:	782019391
Location:	42.813499450684, -70.886001586914

Name	Amber Hewett
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Affiliation (town or organization)	National Wildlife Federation & MA Committee of New England for Offshore Wind
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E1: Fill Current Standards & Execute Procurements E2: Develop and Coordinate Regional Planning and Markets E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Electricity Sector Strategies

E1: Fill Current Standards & Execute Procurements

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	We believe that the drawbacks are avoidable, as detailed in the comment below.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

We strongly support the state's efforts to execute current procurements of offshore wind. Based on the crucial role it will play in our decarbonization efforts, the economic opportunities it offers Massachusetts, and the urgency of the climate crisis, the Commonwealth should pursue the large-scale development of offshore wind power with urgency.

While the Clean Energy & Climate Plan notes that full execution of existing offshore wind procurements (3,200 MW at the time of this comment deadline) aligns with the scale recommended in the 2050 Roadmap, the timeline outlined in the CECP is in alignment with the Roadmap's *minimum* amount of offshore wind needed by 2050. Given the urgency of climate change and the economic benefits offshore wind offers (and the competitive advantage to staying at the forefront of this industry in the US), the Commonwealth should accelerate responsible development in this decade to reach 6,000 MW by 2030 to ensure that a higher offshore wind target could be met in the future if needed.

The CECP should also include an increase to the Clean Energy Standard beyond 60% to absorb planned offshore wind, and to provide a slight incentive for development. We recommend a minimum of 80% by 2030.

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

Yes

Please describe the drawbacks you see for this strategy.

We believe the drawbacks are avoidable, as detailed in the comment below.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

We strongly support the New England states' efforts to collaborate regionally to design a market that appropriately values clean energy resources and that aligns with states' climate mandates. We also strongly support the States' efforts to create a method for regional and long-term transmission planning which will help minimize costs and impacts. Regional collaboration is a necessary precondition for attaining New England's potential as a leader in offshore wind - such collaboration will unlock economies of scale, accelerate development, and improve project outcomes across the six-state grid we share.

While markets will be important to the long-term success of our decarbonization efforts, it is important that such markets accommodate any long-term contracts for clean energy resources by the Commonwealth. Procurements are important tools to deliver social, economic, and environmental benefits such as environmental and wildlife protection, equity, and economic development.

In addition to these regional efforts on markets and transmission planning, we urge the New England states to work together to set regional targets for offshore wind for 2030, 2040, and 2050 so that any needed offshore transmission network can be planned (including with other ISOs). A planned approach such as this would minimize costs to ratepayers, increase reliability, and minimize impacts to the environment and our local communities by reducing the amount of new transmission infrastructure needed. A planned approach for offshore transmission should also consider non-transmission alternatives that could optimize offshore wind's contributions to the grid and minimize infrastructure. Failure to plan and develop a shared offshore transmission grid in a timely manner for the next phase of offshore wind projects could result not only in increased impacts and costs, but also force major land-based transmission system upgrades, including in areas where there are sensitive, biologically diverse habitats.

We commend the New England states for collaborating regionally on these important issues and are encouraged that Massachusetts also intends to coordinate procurements with neighboring states in ISO-NE. We encourage the Commonwealth to drive deeper regional collaboration on offshore wind beyond procurements -- many challenges to standing up the industry would benefit from coordination, including workforce and domestic supply chain development, port infrastructure, wildlife protection, etc.

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	Yes
Please describe the drawbacks you see for this strategy.	As detailed below, the drawbacks are that the strategy sets too low a goal, and that it does not underscore the necessity of developing in a way that protects wildlife and maximizes benefits for communities.
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

Leave a comment or suggestion about this strategy.

We strongly support the large-scale development of offshore wind power as swiftly as responsible development will allow. It will play a central role in meeting our decarbonization goals, and should also be recognized for the outsized workforce and economic development opportunities it offers Massachusetts.

Please consider the following suggestions:

- In addition to the six gigawatts EEA will pursue between 2030 and 2040, Massachusetts' offshore wind procurements should total a minimum of six gigawatts by 2030. As New York, New Jersey, and our neighboring New England states move forward with large-scale procurements, the Commonwealth's declining ability to access existing lease areas should spark a sense of urgency. It is time to set offshore wind goals and timelines that match its potential and recognize the economic opportunities that come with staying at the forefront.
- To maximize the economic development opportunities associated with offshore wind, a regional approach to attract the domestic manufacturing supply chain will be important. There is potential for billions of dollars of investment that, done right, will lead to long-term job creation with high-paying, family-sustaining jobs. A focused strategy on a domestic supply chain will be critical to securing the possible economic development potential of the growing US offshore wind market.
- The scale of this endeavor heightens the importance of advancing in a manner that engages all stakeholders to help ensure that this industry is developed responsibly. We urge you to commit to shaping the growth of this industry by requiring adherence to responsible development principles: Responsible development of offshore wind energy avoids, minimizes, and mitigates impacts to ocean wildlife and habitat -- including critically endangered species such as the North Atlantic right whale -- as well as environmental justice communities, tribal and cultural resources, and traditional ocean uses. It uses the best available science and data -- including data from already developed offshore wind projects -- to ensure science-based and stakeholder-informed decision-making.

We thank you for your attention and look forward to working together to advance the responsible development of offshore wind power for Massachusetts.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 4:58 pm
Browser:	Chrome 88.0.4324.186 / Chrome OS
IP Address:	66.31.131.97
Unique ID:	782019495
Location:	42.087600708008, -71.407302856445

Name	Amy Leblang
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Affiliation (town or organization)	Wayland
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	Raising gasoline prices for suppliers seems less effective at changing consumer behavior than an overt tax that consumers can see.
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 2. Moderately support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy. "Stabilize" doesn't go anywhere near far enough.

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS? Unclear or not sure

Leave a comment or suggestion about this strategy. What is this nonsense about zoning when you could ADD MORE PUBLIC TRANSIT. If you want to "Promote Alternative Transportation Modes," change a road from 2 driving lanes + 1 parking lane to 1 driving + 1 bicycle + 1 bus lane.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:00 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	68.184.25.224
Unique ID:	782020449
Location:	42.173500061035, -72.618598937988

Name	Nancy Polan
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Affiliation (town or organization)	Northampton Area League of Women Voters
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Please select the sectors and strategies on which you would like to comment.	<p>Transportation Sector Strategies</p> <p>Buildings Sector Strategies</p> <p>Electricity Sector Strategies</p> <p>Non-Energy Sector Strategies</p> <p>Land Sector Strategies</p> <p>General Comment or Letter Upload</p>
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Transportation Sector Strategies

Buildings Sector Strategies

Electricity Sector Strategies

Non-Energy Sector Strategies

Land Sector Strategies

General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EY1IKOCeS-NlPkluZIZUNh4Bu6pAfv048Intz9nombMo-w?name=/103686249_LWVcommentsonCECP3222021.docx
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:01 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	68.163.100.126
Unique ID:	782021104
Location:	37.750999450684, -97.821998596191

Name	Kelsey Fiori
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Affiliation (town or organization)	Nexamp, Inc.
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EfMPk00IB4ZEnTYt6Gg--FgBmkhIWPjGQmV7sLrOnC3OMw?name=/103686249_NexampCECPComments3.22.21.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:03 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	74.104.166.238
Unique ID:	782021812
Location:	37.750999450684, -97.821998596191

Name	Eugenia Gibbons
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Affiliation (town or organization)	Health Care Without Harm
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ETYXsyR7_bxLvV66TqKmkYABIGZfbxYEgGqubEMUKnujdg?name=/103686249_CJWG_Comments_CECP_2030_032121.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:10 pm
Browser:	Chrome 88.0.4324.208 / Chrome OS
IP Address:	73.69.42.129
Unique ID:	782025306
Location:	41.656200408936, -70.349296569824

Name	roger loyer
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Affiliation (town or organization)	barnstable ma
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	support of a ban on gas-powered leaf blowers STATE-WIDE.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:15 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.233.59.183
Unique ID:	782027839
Location:	42.439300537109, -71.776901245117

Name	Heidi Ricci
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Affiliation (town or organization)	Mass Audubon
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.

On behalf of Mass Audubon, I'm pleased to submit comments on the interim Clean Energy and Climate Plan ("interim CECP") for 2030. The CECP for 2030 is vitally important as the steps taken over the next nine years to reduce Greenhouse Gas (GHG) emissions are essential to accelerating progress on decarbonization. We offer the following high-level recommendations for finalizing the 2030 CECP. Set a Science-Based Emissions Target for 2030. Projections of GHG mitigation costs are consistently overstated. Deliver a Plan that is Truly Actionable.

To transform the CECP into a truly actionable guide for operationalizing GHG reduction strategies, we recommend adding the following elements to the final 2030 CECP:

1. Evaluation of existing authority.
2. Metrics and indicators of progress.
3. Identify funding and capacity needs.
4. Full alignment of public procurement with GWSA and equity goals.

We recommend the following refinements to sector-specific strategies for the final CECP:

- Strengthen the holistic approach across sectors, including greater emphasis on the role of land and land use, and parity for the Land/Nature Based Solutions actions and other sectors.
- Emphasize strategies that have "no regrets," e.g. protecting lands of high conservation, resilience, and carbon storage value and guiding smart, compact, energy efficient development close to existing transit and other infrastructure;
- Embrace a mitigation hierarchy of protect, manage, and restore; and
- Prioritize activities within Massachusetts where the Commonwealth has the greatest ability to effect change, while working regionally on energy markets and programs that will leverage broader positive outcomes.

Mass Audubon's detailed comments (attached) focus in on the role of Natural and Working Lands in the CECP, including intersections of land use with other sectors. We also signed onto joint comments with other groups emphasizing equity and climate justice provisions for the CECP.

As a member of the GWSA Implementation Advisory Committee (IAC), we look forward to working closely with EEA, agency staff, stakeholders and the public to finalize the 2030 CECP. We offer these comments and recommendations for your consideration as you update and finalize the Plan in the coming weeks.

Thank you for close review and consideration of these comments. Sincerely,
Michelle Manion
Vice President for Policy and Advocacy

If you have a letter to upload, please do so here.

https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EfStgNHJJRNFn4FrQLPkD6oBAHzCcA6j8wmjRdDRdpi_g?name=/103686249_MassAudubon2030CECPcomments.pdf

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:21 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	24.34.18.81
Unique ID:	782030316
Location:	42.33459854126, -71.036201477051

Name	Kimberly Seigel
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Please select the sectors and strategies on which you would like to comment.

Buildings Sector Strategies	B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems
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Buildings Sector Strategies

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
--	---

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	No
--	----

Leave a comment or suggestion about this strategy.

As a professional in the buildings and architecture field in the Commonwealth of Massachusetts, and with a background in sustainability and environmental management, I understand the role and importance of decarbonizing the built environment. I want to thank you for the leadership in helping to mitigate the Commonwealth's impacts on climate change. While there are many great ideas and actions included as part of the plan, I feel the plan would be strengthened by:

- Addressing embodied carbon: Per Architecture 2030, embodied carbon is responsible for 11% of annual global GHG emissions. Between now and 2050, roughly one-third of GHG emissions from a typical new construction building will be from the embodied carbon. The path to decarbonizing emissions from the built environment needs to address policies and actions for embodied carbon. Establish a task force for embodied carbon, similar to the Task Force on Clean Heat & Cap Heating Fuel Emissions, in order to make policy recommendations for addressing and reducing embodied carbon.
- Net Zero Stretch Code Available in 2022: Massachusetts communities are seeking a higher performance stretch code. Strengthen Strategy B1 to make an opt-in net zero code available to interested communities by 2022.
- Prioritize Equity & Justice: Environmental Justice communities are most at risk from climate impacts and have the fewest resources to mitigate these risks. Prioritize analysis of cumulative impacts while reducing the burdens and increasing benefits to Environmental Justice populations and give them representation in the process. Make financing available to Environmental Justice communities to assist in energy efficient upgrades and conversion to non-fossil fuel heating systems.

Thank you for considering my feedback,
Kimberly Seigel

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:41 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	98.118.4.80
Unique ID:	782039395
Location:	42.442798614502, -71.23169708252

Name	Jamie Banks
-------------	-------------

Affiliation (town or organization)	Quiet Communities, Inc.
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please consider gas-powered landscaping equipment as a source of carbon and toxics that can be substantially reduced at relatively low cost and over a relatively short period of time.
--	---

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ESORFFpYzw5GmMv3TsTBF8YBy-lUNbr9iO3_1N7AXXJi8A?name=/103686249_2021.03.22_QCiTheoharidesletter_Landcareprogram_Final.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:43 pm
Browser:	Firefox 86.0 / Windows
IP Address:	96.230.124.212
Unique ID:	782040048
Location:	42.457401275635, -71.054000854492

Name	Andy Winslow
-------------	--------------

Affiliation (town or organization)	Northeast Energy Efficiency Partnerships
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies Buildings Sector Strategies Electricity Sector Strategies General Comment or Letter Upload
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets
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Buildings Sector Strategies	B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Electricity Sector Strategies	E2: Develop and Coordinate Regional Planning and Markets E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
--------------------------------------	---

Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
---	---

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
---	---

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Other*
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Benefits Other	Increases grid flexibility and DER load management
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T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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Buildings Sector Strategies

B1: Avoid Lock-In of Building Systems That Are Not 2050-Compliant

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.

NEEP supports a near-term voluntary zero energy stretch code along with a stretch energy code that is updated on the same schedule as the base code. The stretch code should always be 10-15% stronger than the base code until it is a zero energy code. This should become mandatory no later than January 1, 2028. The stretch code should encourage electric-ready homes and electrification.

High performance codes need to be backed up with code enforcement. Our comment letter identifies ideas for increased code enforcement

Consider modifying the Utility Business model to incentivize efficient equipment with a focus on early replacement. Continued attribution of energy savings will align utility action with policy goals. Consider increased incentives for LMI customers.

See more in our comment letter.

B2: Pivot the Market for Building Envelope Retrofits and Clean Heating Systems

To what extent to do you support this strategy?

Choose one = 1. Strongly support

In which area(s) do you see key BENEFITS from this strategy?

Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth

Do you see any key DRAWBACKS to this strategy?

No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?

Yes

Leave a comment or suggestion about this strategy.

A Standardized definition of "deep energy retrofit" so that it amounts to a level of savings achieved in the home or results in a minimum efficiency standard, such as a Passive House.

Increase incentives and fast track rebate requests for LMI customers to ensure equitable access to efficiency upgrades. NEEP recommends that Massachusetts also consider ways to partner with low- and moderate-income communities and center these programs on the needs of these communities. See comment letter for a list of suggestions on achieving this.

Physical barriers such as mold, asbestos, and lead are serious issues because they restrict building owners from making energy efficiency improvements, and disproportionately impact low income communities. NEEP recommends the state recognize that additional funding will need to be identified to deliver structural repairs and ensure equitable access to deep energy retrofits and clean heating systems throughout the Commonwealth. Philadelphia's "Built to Last" program and Delaware's Pre-weatherization program are good examples.

High quality installations of new technology such as heat pumps are crucial at this stage of the market transformation. NEEP's cold climate specification can be utilized to validate equipment eligible for rebates to ensure customers are installing equipment suitable for the New England Climate. There will be a growing demand for all kinds of new workers including renewable thermal HVAC installers, home auditors, building operators, code officials, and design professionals. The state can leverage existing resources such as local vocational and technical high schools and community colleges to get students engaged in energy efficiency related workforce tracks. Workforce development can also have beneficial impacts on underserved communities by providing desirable skills and well-paying jobs.

Consider holistic programs that package energy efficiency, electrification, and renewable energy to make it easy for customers to decarbonize their homes. Vermont's Zero Energy Now or NEEP's Total Energy Pathways are examples.

Our comment letter also highlights a revised benefit cost test that aligns with state climate and health goals to aid program administrators in incentivizing electrification and efficiency technologies. As well as building performance standards and residential labeling programs to increase transparency and reduce emissions from the existing building sector.

See more in our comment letter.

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
Leave a comment or suggestion about this strategy.	NEEP would like to offer technical expertise as part of Strategy B3: Convene the Commission and Task Force on Clean Heat and Cap Heating Fuel Emissions.

Electricity Sector Strategies

E2: Develop and Coordinate Regional Planning and Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Jobs and Economic growth

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
General Comment or Letter	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EecxXqsNSQBJrzpWarj7MggByiwV7-K1zhvvSIHAnBC1oA?name=/103686249_MA_CECF_Final.docx
Upload	

If you have a letter to upload, please do so here.

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 5:45 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.123.165.181
Unique ID:	782040765
Location:	42.080699920654, -72.558197021484

Name	Jeff Krasner
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy
--	--

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 6:23 pm
Browser:	Mobile Safari 13.1.2 / IOS
IP Address:	24.62.101.15
Unique ID:	782056176
Location:	42.458599090576, -71.359703063965

Name	Holly Sweet
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Affiliation (town or organization)	Lexington MA
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I live in Lexington Mass. and find the gas powered leaf blowing equipment very noisy, with a strong gasoline smell .. it also throws up all sorts of particulate matter which I breathe in. It makes much more sense to use equipment not powered by gas for a variety of reasons , especially in terms of noise pollution , energy conservation and a myriad of health issues. I would support any measure that reduces the use of gas powered equipment in general for lawn care.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 7:46 pm
Browser:	Safari 14.0.3 / OS X
IP Address:	108.7.223.177
Unique ID:	782086444
Location:	42.245098114014, -71.18399810791

Name	Harriet Rosen
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Affiliation (town or organization)	West Roxbury
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	I am a Boston resident and I support the ban on gas leaf blowers because of their noise and air pollution contributions.
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 7:55 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	209.6.189.54
Unique ID:	782089408
Location:	42.273700714111, -71.089996337891

Name	Daryl Warner
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Affiliation (town or organization)	Sustainable Milton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards T3: Reduce Upfront ZEV Purchase Cost Burden T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging T5: Engage Consumers & Facilitate Markets T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	Airlines should charge a carbon offset fee per passenger. That fee would directly benefit residents below flight paths upgrade building envelopes, vehicles and charging infrastructure and assist with mental and physical health due to the noise and air pollution spewing down on those of us on the ground.
--	--

T2: Implement Coordinated Advanced Clean Vehicle Emissions and Sales Standards

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T3: Reduce Upfront ZEV Purchase Cost Burden

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T4: Deploy Electric Vehicle Supply Equipment & Enable Smart Charging

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
Do you see any key DRAWBACKS to this strategy?	No
Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes

T5: Engage Consumers & Facilitate Markets

To what extent to do you support this strategy?	Choose one = 1. Strongly support
In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = Equity and Environmental Justice, Public Health
Do you see any key DRAWBACKS to this strategy?	No

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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T6: Stabilize Light Duty VMT & Promote Alternative Transportation Modes

To what extent to do you support this strategy?	Choose one = 1. Strongly support
---	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS ?	Yes
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:00 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	209.6.189.54
Unique ID:	782091102
Location:	42.273700714111, -71.089996337891

Name	Daryl Warner
-------------	--------------

Affiliation (town or organization)	Sustainable Milton
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Please select the sectors and strategies on which you would like to comment.	Electricity Sector Strategies
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Electricity Sector Strategies	E4: Continue to Deploy Solar in Massachusetts E5: Develop a Mature Offshore Wind Industry in Massachusetts
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Electricity Sector Strategies

E4: Continue to Deploy Solar in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

E5: Develop a Mature Offshore Wind Industry in Massachusetts

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Public Health, Jobs and Economic growth
---	---

Do you see any key DRAWBACKS to this strategy?	No
---	----

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:01 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	74.104.166.238
Unique ID:	782091404
Location:	37.750999450684, -97.821998596191

Name	Eugenia Gibbons
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Affiliation (town or organization)	Health Care Without Harm
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Please select the sectors and strategies on which you would like to comment.	Buildings Sector Strategies General Comment or Letter Upload
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Buildings Sector Strategies	B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions
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Buildings Sector Strategies

B3: Convene the Commission and Task Force on Clean Heat & Cap Heating Fuel Emissions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Other*
---	--

Leave a comment or suggestion about this strategy.	Health care sector representation is essential in the development of thermal decarb strategies/program design/implementation.
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/ESzX2-jKRr9Bu6sLfskQ5j0B22cJBI6QaWYRB5b8tO1qDw?name=/103686249_CECPCommentsfromHCWH032221.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:10 pm
Browser:	Safari 13.1.2 / OS X
IP Address:	209.6.189.54
Unique ID:	782094366
Location:	42.273700714111, -71.089996337891

Name	Daryl Warner
-------------	--------------

Affiliation (town or organization)	Sustainable Miltn
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please adopt legislation like HOUSE DOCKET, NO. 3466. Transitioning from gas to battery landcare equipment will not only reduce pollution from spillage, leakage, carbon and noise it is a worker, general population and environmental (air, noise and water) health issue. Plus, workers will experience fewer health issues such as loss of hearing, respiratory and physical issues. The physical issues besides noise and air pollution are due to excessive vibration. Empower disadvantage communities as they are often the frontline operators who don't have any or adequate health insurance. Thank you. Daryl
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 8:49 pm
Browser:	Chrome 89.0.4389.90 / OS X
IP Address:	108.7.205.135
Unique ID:	782106232
Location:	42.29349899292, -71.295997619629

Name	Tricia Glass
-------------	--------------

Affiliation (town or organization)	Sustainable Wellesley
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Please select the sectors and strategies on which you would like to comment.	Land Sector Strategies
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Land Sector Strategies	L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration
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Land Sector Strategies

L2: Manage for Ecosystem Health and Enhanced Carbon Sequestration

To what extent to do you support this strategy?	Choose one = 1. Strongly support
--	----------------------------------

In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Other*
---	---

Benefits Other	Noise mitigation through use of electric landscaping equipment
-----------------------	--

Do you see any key DRAWBACKS to this strategy?	Yes
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Please describe the drawbacks you see for this strategy.	There will be initial costs involved in transitioning to electric land care.
---	--

Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
---	-----

Leave a comment or suggestion about this strategy.	Use of electric equipment reduces carbon emissions, reduce noise pollution creating quieter neighborhoods, it provides a healthier work environment for operators of equipment who would otherwise be directly breathing dangerous fossil fuel-generated emissions. And pesticide free landcare maintained with electric equipment is healthier for the environment including helpful insects and birds and for humans.
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Thank you!

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:11 pm
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	73.119.98.150
Unique ID:	782129664
Location:	42.343101501465, -71.123001098633

Name	Mary DePalma
------	--------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	<p>Please include a ban on gas-powered leaf blowers as part of the CECP. They contribute to both noise and air pollution, especially in thickly settled areas. Quieter, more environmentally friendly alternatives already exist.</p> <p>Thank you, Mary DePalma Boston, MA</p>
--	---

Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 10:53 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	100.17.24.31
Unique ID:	782139152
Location:	42.487800598145, -71.276397705078

Name	Lucille Weinstein
------	-------------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	As an environmental health pediatrician, I strongly support this initiative. I am particularly pleased to see that the adverse impact on health and the environment of 2-stroke combustion engines used by the the landscape industry is recognized. Now that there are commercially viable alternatives (electric and manual), there is no good reason to have these polluting machines in use. Attached is a summary of the harms of these machines; in particular the gas leaf blower.
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If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:w:/g/personal/claire_miziolek_mass_gov/EWhtWpwUIzJDgmnNjnxq7CEBcnennSlu0Ult369TekXygA?name=/103686249_HealthEffectsofGLBsAAPChapter2.docx
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Form Name:	CECP Public Feedback
Submission Time:	March 22, 2021 11:35 pm
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	35.138.183.251
Unique ID:	782147715
Location:	32.546501159668, -86.330703735352

Name	Kathryn Breslin
-------------	-----------------

Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please develop a plan such as HD 3466 to help cities and towns transition away from heavily polluting internal combustion engines used in landscaping maintenance. They are poisoning the air we breathe around our homes and towns. There are much healthier alternatives such as electric tools or rakes and brooms.
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Form Name:	CECP Public Feedback
Submission Time:	March 23, 2021 3:35 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	71.62.17.3
Unique ID:	782503505
Location:	37.553298950195, -77.934501647949

Name	Connor Dolan
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Affiliation (town or organization)	Fuel Cell and Hydrogen Energy Association
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

If you have a letter to upload, please do so here.	https://massgov-my.sharepoint.com/:b:/g/personal/claire_miziolek_mass_gov/EecTaXJz9OdJg7vFep2lwLEBEbnqFWNJ7qPczDZ5QW8Ubg?name=/103686249_FCHEACommentsontheMassachusettsInterimCleanEnergyandClimatePlanfor2030Final.pdf
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Form Name:	CECP Public Feedback
Submission Time:	March 23, 2021 4:40 pm
Browser:	Chrome 88.0.4324.192 / OS X
IP Address:	24.63.107.11
Unique ID:	782535129
Location:	42.30590057373, -71.085899353027

Name	Leo Newhouse
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Please select the sectors and strategies on which you would like to comment. General Comment or Letter Upload

General Comment or Letter Upload

Please leave a general comment about the CECP here.	As a Boston residence, I support a ban on Gas-Powered Leaf Blowers for the MA Clean Energy and Climate Plan for 2030 as part of the State-wide strategy. Please include elimination of gas powered leaf blowers in the Clean Energy and Climate Plan for 2030. Thank you.
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Form Name:	CECP Public Feedback
Submission Time:	March 23, 2021 4:48 pm
Browser:	Mobile Safari 14.0.3 / IOS
IP Address:	24.91.117.38
Unique ID:	782538919
Location:	42.343101501465, -71.123001098633

Name	MaryBeth Noonan
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Affiliation (town or organization)	West Roxbury
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Please select the sectors and strategies on which you would like to comment.	General Comment or Letter Upload
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General Comment or Letter Upload

Please leave a general comment about the CECP here.	Please stop the use of gas powered leaf blowers
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Form Name:	CECP Public Feedback
Submission Time:	March 26, 2021 12:20 pm
Browser:	Chrome 89.0.4389.90 / Windows
IP Address:	73.119.29.45
Unique ID:	784109924
Location:	42.349998474121, -71.226898193359

Name	Marcia Cooper
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Affiliation (town or organization)	Green Newton
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Please select the sectors and strategies on which you would like to comment.	Transportation Sector Strategies
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Transportation Sector Strategies	T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions
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Transportation Sector Strategies

T1: Cap Transportation Sector Emissions and Invest in Clean Transportation Solutions

To what extent to do you support this strategy?	Choose one = 1. Strongly support
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In which area(s) do you see key BENEFITS from this strategy?	Choose all that apply = GHG Emissions Reductions, Equity and Environmental Justice, Public Health, Jobs and Economic growth
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Do you see any key DRAWBACKS to this strategy?	No
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Do you think the BENEFITS of this strategy outweigh its DRAWBACKS?	Yes
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Leave a comment or suggestion about this strategy.	<p>Green Newton, an environmental nonprofit, is concerned about the lack of goals for increasing, expanding, and electrifying public transit. We are disappointed that MassDOT 2021 Capital Investment Plan includes purchasing 460 diesel buses and 25 diesel trains, committing the State to diesel for decades. We are also dismayed the MassDOT voted to delay work on the Newtonville commuter rail accessibility and infrastructure improvements for a year, removing \$12 million from the FY20-21 budget for the project.</p> <p>We urge the State to reduce both Greenhouse Gas Emissions (GHG) and particulate matter pollution by increasing, expanding, and electrifying public transportation.</p> <p>Respectfully, Marcia Cooper. President, Green Newton</p>
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