

COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF ENERGY RESOURCES

DEPARTMENT OF PUBLIC UTILITIES

Clean Energy Transmission Working Group Grid Modernization Advisory Council

October 13, 2023

Agenda

Item	Time	Estimated Duration
Welcome, Agenda, Roll call	9:00 - 9:05	5 min
Review and vote on CETWG Meeting Minutes	9:05 - 9:10	5 min
Grid Modernization Advisory Council (GMAC)	9:10 – 9:15	5 min
Public comment	9:15 - 9:25	10 min
Presentations on distribution system planning and operations <ul style="list-style-type: none">• Eversource and National Grid• New Leaf Energy• Engie North America• Highland Fleets	9:25 - 10:40	75 min
Discussion of CETWG report outline	10:40 - 10:55	15 min
Close and Next Steps	10:55 – 11:00	5 min

Meeting Attendance

- CETWG roll call alphabetically by voting members
- GMAC roll call alphabetically by voting members

CETWG Meeting Minutes

- Required by Open Meeting Law and Section 7.2 of the CETWG By-Laws
- Review of CETWG meeting Minutes document with CETWG members followed by roll call vote to approve

GMAC & ESMPs: Origin and Legislative Responsibilities

Section 53 of the 2022 Climate Law establishes the Grid Modernization Advisory Council (GMAC) and the Electric-Sector Modernization Plans (ESMPs)

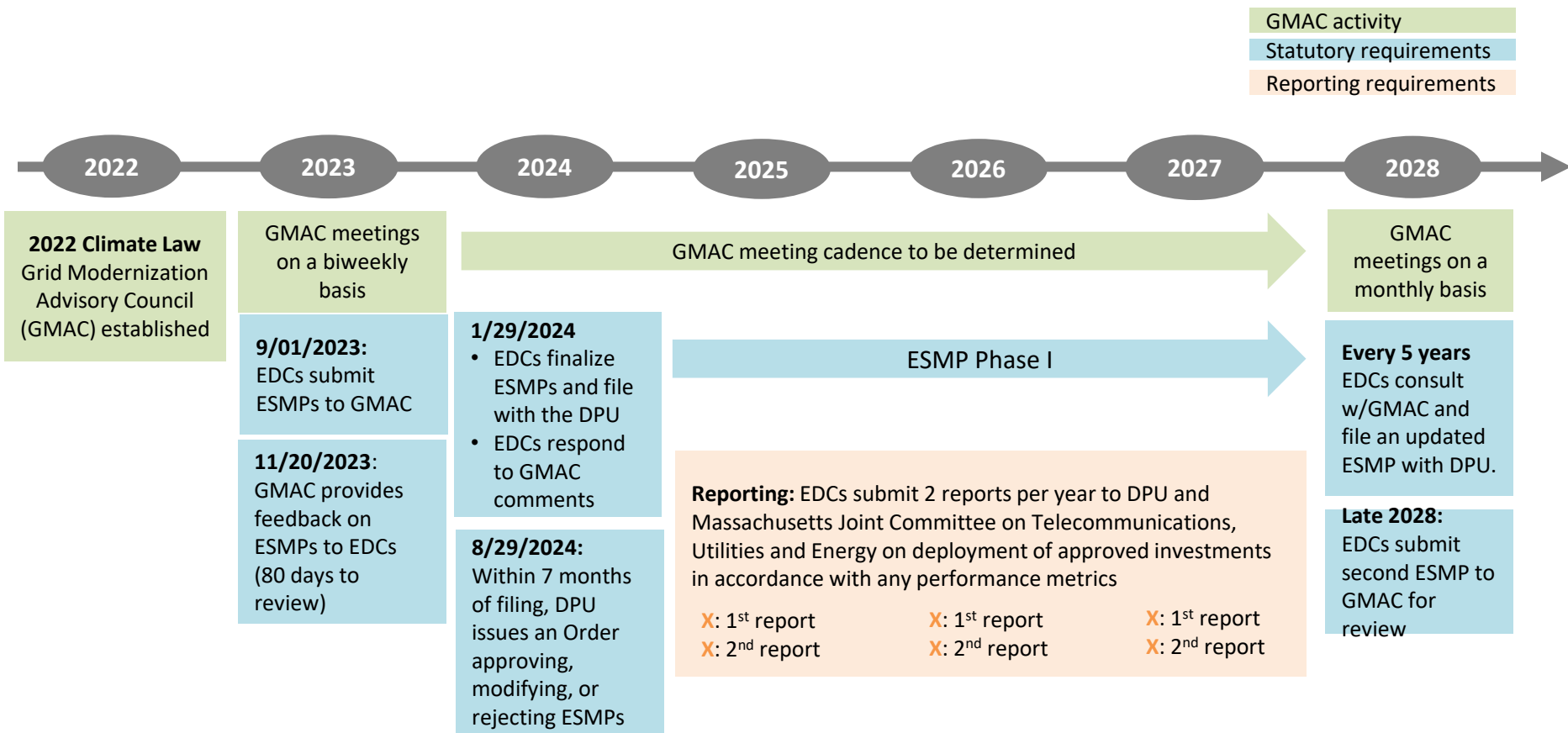
1. Grid Modernization Advisory Council (GMAC)

- 18-person council, comprised of representatives from different areas
- Reviewing and providing recommendations on electric distribution company electric-sector modernization plans
- GMAC to encourage:
 - Least-cost investments in the distribution system,
 - Alternatives to investments or financing investments that will help achieve GHG emissions limits,
 - Transparency and stakeholder engagement in the grid planning process.

2. Electric-sector modernization plans (ESMPs)

- Electric distribution company ESMPs must:
 - Improve grid reliability, communications, and resilience; enable increased, timely adoption of renewable energy and DERs
 - Promote energy storage and electrification technologies for decarbonization
 - Prepare for climate-driven impacts on T&D systems
 - Accommodate transportation and building electrification, and other new loads
 - Minimize or mitigate impacts on ratepayers
- Also include a 5-year and 10-year forecast, and a demand assessment through 2050.

GMAC & ESMP Timeline



Public Comment

- The Chairs will recognize members of the public who requested time to provide comments to the CETWG and GMAC
- Comments are limited to 3 minutes
- Written comments are welcome for submission at any time

Presentations on distribution system planning and operations

- Lavelle Freeman and Jacob Lucas, Eversource
- Elton Prifti and Barry Ahern, National Grid
- Kate Tohme, New Leaf Energy
- Sarah Bresolin Silver, Engie North America
- Amy McGuire, Highland Fleets

Discussion of CETWG report outline

(detailed outline available at <https://www.mass.gov/info-details/clean-energy-transmission-working-group-cetwg>)

- Review report outline
- Discussion of plan for drafting and finalizing report to the legislature

Task	Plan	Schedule
Conclusions and recommendations	Proposal: Authors develop C&Rs when they draft their sections	Review C&Rs at 11/17 meeting
Draft report	Review/confirm plan at 10/13 meeting: <ul style="list-style-type: none"> • Kickoff drafting • Staff coordinates with section authors • Authors submit drafts of sections to staff • Staff compiles draft C&Rs • CETWG reviews draft C&Rs (shorten 2 scheduled topics to 30 minutes) • Staff prepares draft report for CETWG 	<ul style="list-style-type: none"> • 10/16 • throughout • 11/10 • 11/14 • 11/17 meeting • 11/28
Final report	<ul style="list-style-type: none"> • NEW MEETING to review draft report • Staff prepares 2nd draft of report • CETWG reviews 2nd draft • NEW MEETING for final review and vote • Issue final report 	<ul style="list-style-type: none"> • 12/6 • 12/11 • 12/15 meeting • 12/21 • 12/29

Close and Next Steps

List of CETWG meetings are posted on the CETWG website

Date	Topic	Meeting presentation(s)
Jul 28 th	Introduction to New England transmission planning	ISO-NE
Aug 25 th	ISO-New England's 2050 transmission study	ISO-NE
Sep 22 nd	Offshore wind transmission	<ul style="list-style-type: none"> • Brattle: offshore transmission and related generation interconnection and transmission planning processes • DOE: Atlantic offshore wind study and inter-regional collaboration • Eversource: maximizing use of existing corridors
Oct 13 th	Distribution system planning and operations (jointly with the GMAC)	<p>Eversource and National Grid</p> <ul style="list-style-type: none"> • Distribution system clean energy developments • Distribution system impacts • Integration with transmission system <p>GMAC</p> <ul style="list-style-type: none"> • New Leaf Energy: Remarks on transmission as an enabler for DER • Engie North America: Impact of distributed batteries on the transmission system • Highland Fleets: Incorporation of fleet EVs on distribution and transmission planning
Nov 3 rd	<ol style="list-style-type: none"> 1. Jurisdictional authority 2. Cost allocation 	Suedeem Kelly, Partner and Energy Practice Co-Chair, Jenner & Block LLP
Nov 17 th	<ol style="list-style-type: none"> 1. Interconnection and FERC Order 2023 2. Siting and permitting transmission (Commission on Clean Energy Infrastructure Siting and Permitting) 3. Review draft C&Rs 	<p>Interconnection and Order 2023</p> <ul style="list-style-type: none"> • New Leaf Energy: ISO's interconnection process from a developer perspective; Order 2023 changes • LineVision: grid-enhancing technologies
Dec 6 th	Review draft report	
Dec 15 th	Review 2 nd draft report	
Dec 21 st	Final review and approval of report	

Close and Next Steps

- The next CETWG meeting will be Friday, November 3rd
- Tentative topics for next meeting
 - Administrative
 - Public comment
 - Transmission jurisdictional authority and cost allocation
 - Presentation by Jenner & Block LLP
 - Discussion by members

CETWG Website and Contacts

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