

MASSACHUSETTS ELECTRIC VEHICLE INFRASTRUCTURE COORDINATING COUNCIL: DRAFT 2023–2024 SCHEDULE

Meeting date (proposed)	Topics	Presenting attendees	Meeting goals	Draft agenda
Thursday, October 5, 2023 1–3:30 p.m.	<ol style="list-style-type: none">Presentation of meeting scheduleFuture needs and impactsData collection and disseminationWorking groups	Synapse VEIC	<ul style="list-style-type: none">Introduce overall meeting scheduleReview and address meeting schedule logisticsLearn about additional research Synapse has performed on:<ul style="list-style-type: none">Public fast chargingMedium- and heavy-duty fleetsImpacts on infrastructure costsShare more about clearinghouse website (VEIC)Form working groups to address multi-agency recommendationsProvide an opportunity for public comment	<ol style="list-style-type: none">Call to order / roll callReview of meeting goals and agendaIntroduction to overall meeting schedule / logistics and adjustmentsPresentations, discussion, and feedback:<ol style="list-style-type: none">Synapse—researchMassCEC? / VEIC—clearinghouse websitePresentation and discussion: categories for funding and potential working groups (including DOS for funding)<ol style="list-style-type: none">State and municipal procurementCurbside chargingMedium- and heavy-duty fleet needsEnvironmental justice communitiesPublic commentReminder of upcoming meetings and deadlinesAdjourn
Thursday, November 30, 2023 1–3:30 p.m.	<ol style="list-style-type: none">Workforce developmentState fleetFuture needs and impactsProcurementCurbside chargingMedium- and heavy-duty fleetsEJ populationsGrid impactsFunding plan	Synapse DOER LBE MassCEC Working groups	<ul style="list-style-type: none">Follow up with Synapse on progress related to their findingsGet briefing from GMAC on recommendations to DPUCheck in on individual progress reports:<ul style="list-style-type: none">MassCEC—workforce developmentLBE—state fleet charging infrastructureEVICC working group—state and municipal procurementEVICC working group—curbside chargingEVICC working group—medium- and heavy-duty fleet needsEVICC working group—funding deployment to environmental justice communitiesConfirm final decision on how most EVICC funds will be usedProvide an opportunity for public comment	<ol style="list-style-type: none">Call to order / roll callReview of meeting goals and agendaProgress updates:<ol style="list-style-type: none">MassCEC—workforce developmentLBE—state fleet charging infrastructureSynapse—future needs and impactsEVICC working group—state and municipal procurementEVICC working group—curbside chargingEVICC working group—medium- and heavy-duty fleet needsEVICC working group—funding deployment to environmental justice populationsDOER—GMAC recommendations to the DPUEEA—funding planDiscussion and feedbackNext steps on the abovePublic commentReminder of upcoming meetings and deadlinesAdjourn
Wednesday, February 7, 2024 1–3:30 p.m.	<ol style="list-style-type: none">Standardization and regulationsProcurementCurbside chargingMedium- and heavy-duty fleets	DOS DOER Synapse Working groups	<ul style="list-style-type: none">Check in on individual progress reports:<ul style="list-style-type: none">DOS—recommendations to develop siting, permitting, safety, maintenance, accessibility standards for EVSEs, as well as proposed regulations regarding EVSE	<ol style="list-style-type: none">Call to order / roll callReview of meeting goals and agendaProgress updates:

	<ol style="list-style-type: none"> 5. EJ populations 6. Dense urban 7. Future needs and impacts 		<ul style="list-style-type: none"> registrations, testing, and consumer protections ○ EVICC working group—state and municipal procurement ○ EVICC working group—curbside charging ○ EVICC working group—medium- and heavy-duty fleet needs ○ EVICC working group—funding deployment to environmental justice communities ○ DOER—dense urban ○ Synapse—future needs and impacts ● Provide an opportunity for public comment 	<ol style="list-style-type: none"> a. DOS—recommended EVSE standards and regulations b. EVICC working group—state and municipal procurement c. EVICC working group—curbside charging d. EVICC working group—medium- and heavy-duty fleet needs e. EVICC working group—funding deployment to environmental justice populations f. DOER—dense urban solutions g. Synapse—future needs and impacts 4. Discussion and feedback 5. Next steps on the above 6. Public comment 7. Reminder of upcoming meetings and deadlines 8. Adjourn
<p>Wednesday, April 3, 2024</p> <p>1–3:30 p.m.</p>	<ol style="list-style-type: none"> 1. Garaging data 2. Procurement 3. Curbside charging 4. Medium- and heavy-duty fleets 5. EJ populations 	<p>Exec agencies</p> <p>MassCEC</p> <p>EEA</p> <p>Working groups</p>	<ul style="list-style-type: none"> ● Check in on individual progress reports: <ul style="list-style-type: none"> ○ MassCEC—review options for gathering or making available data on where EVs are garaged across the state ○ EVICC working group—state and municipal procurement ○ EVICC working group—curbside charging ○ EVICC working group—medium- and heavy-duty fleet needs ○ EVICC working group—funding deployment to environmental justice populations ● Provide an opportunity for public comment 	<ol style="list-style-type: none"> 1. Call to order / roll call 2. Review of meeting goals and agenda 3. Progress updates: <ol style="list-style-type: none"> a. MassCEC—data on garaging b. EVICC working group—state and municipal procurement c. EVICC working group—curbside charging d. EVICC working group—medium- and heavy-duty fleet needs e. EVICC working group—funding deployment to environmental justice populations 4. Discussion and feedback 5. Next steps on the above 6. Public comment 7. Reminder of upcoming meetings and deadlines 8. Adjourn
<p>Wednesday, June 5, 2024</p> <p>1–3:30 p.m.</p>	<ol style="list-style-type: none"> 1. Highway charging 2. Technologies 3. Procurement 4. Curbside charging 5. Medium- and heavy-duty fleets 6. EJ populations 	<p>MassDOT</p> <p>EEA</p> <p>Working groups</p>	<ul style="list-style-type: none"> ● Check in with agencies for individual progress reports: <ul style="list-style-type: none"> ○ MassDOT—highway charging ○ EEA—technologies ○ EVICC working group—state and municipal procurement ○ EVICC working group—curbside charging ○ EVICC working group—medium- and heavy-duty fleet needs ○ EVICC working group—funding deployment to environmental justice communities ● Provide an opportunity for public comment 	<ol style="list-style-type: none"> 1. Call to order / roll call 2. Review of meeting goals and agenda 3. Progress updates: <ol style="list-style-type: none"> a. MassDOT—highway charging b. EEA—technologies c. EVICC working group—state and municipal procurement d. EVICC working group—curbside charging e. EVICC working group—medium- and heavy-duty fleet needs f. EVICC working group—funding deployment to environmental justice communities 4. Discussion and feedback 5. Next steps on the above 6. Public comment 7. Reminder of upcoming meetings and deadlines

				8. Adjourn
Wednesday, August 7, 2024 1–3:30 p.m.	1. Car sharing 2. Procurement 3. Curbside charging 4. Medium- and heavy-duty fleets 5. EJ populations	EEA, DOER, DPU Working groups	<ul style="list-style-type: none">• Check in with agencies for individual progress reports:<ul style="list-style-type: none">○ EEA, DOER, DPU—car sharing○ EVICC working group—state and municipal procurement○ EVICC working group—curbside charging○ EVICC working group—medium- and heavy-duty fleet needs○ EVICC working group—funding deployment to environmental justice communities	1. Call to order / roll call 2. Review of meeting goals and agenda 3. Progress updates: <ul style="list-style-type: none">a. EEA, DOER, DPU—car sharingb. EVICC working group—state and municipal procurementc. EVICC working group—curbside chargingd. EVICC working group—medium- and heavy-duty fleet needse. EVICC working group—funding deployment to environmental justice communities 4. Discussion and feedback 5. Next steps on the above 6. Public comment 7. Reminder of upcoming meetings and deadlines 8. Adjourn

Category: future needs and impacts

Responsible party: Synapse
Effort involved: clear directives from EVICC, more extensive research from Synapse, reporting and discussion, public comment

- The EVICC will refine its assessment of charging station needs by providing focused attention on the need for **public fast charging** to support long distance trips, including on peak travel days.
- The EVICC will incorporate data on the need for charging station and infrastructure upgrades associated with electrification of medium- and heavy-duty **fleets**.
- The EVICC will further research EVSE and related **infrastructure costs** and how those costs will be allocated between the public and private domains.

Category: information sharing

Responsible party: DOER
Effort involved: bilateral communication with GMAC / occasional briefings as relevant

- The EVICC will continue work with the Grid Modernization Advisory Council, utilities, and other stakeholders to proactively manage the **grid impacts** of expanded electric vehicle charging infrastructure.

Category: data collection and dissemination

Responsible parties: MassCEC and EEA
Effort involved: occasional briefings as relevant on data availability, recommendations for accessing and sharing better data; discussion of website content and organization, public comment, procurement of website developer consultant and assignment of content management (*potential expenditure)

- The EVICC will consider methods to obtain more information on precisely where electric vehicles are being **garaged** so that electric utilities can better plan for load growth.

- The EVICC will consider establishing a **transportation clearinghouse website** for information on EVs, EVSE, and funding opportunities for stakeholders in the Commonwealth.

Category: standardization

Responsible party: DOS

Effort involved: DOS to develop and report on recommended strategies for siting and permitting EVSEs, public comment, EVICC to recommend for promulgation?, program to be administered

- The EVICC will consider **accessibility and location safety** requirements that might be necessary to develop for charging stations located at multi-unit dwellings and/or workplaces, which may not be covered under the rules DOS adopts for publicly available charging stations.

Category: state fleet

Responsible party: DOER/LBE

Effort involved: LBE to carry out recommendation, report progress to EVICC when relevant (*potential expenditure?)

- The EVICC will collaborate with **state fleet operators** to collect data to determine the highest priority locations for electric vehicle charging at state facilities and direct resources to facilitate charging installations at those locations.

Category: workforce training

Responsible party: MassCEC

Effort involved: continue efforts underway, report progress to EVICC when relevant (*potential expenditure?)

- The EVICC will work with MassCEC and the Executive Office of Labor and Workforce Development to ensure there is a trained **workforce** of licensed electricians with an Electric Vehicle Infrastructure Training Program (EVITP) certification ready to deploy new EVSE, ensuring populations historically left out of the clean energy workforce are offered opportunities.

EACH MEETING: KEEP TRACK OF POTENTIAL PROGRAMMING NEEDS FOR FUNDING

- EEA will lead the EVICC in developing a plan to use the \$50 million in the **Charging Infrastructure Deployment Fund**. This plan will be developed consistent with the recommendations in this initial assessment and will draw from future findings that the EVICC makes regarding EV infrastructure needs.

AGENCY-SPECIFIC RECOMMENDATIONS:

1. **Dense urban:** DOER will work with municipalities to develop guidance and support for programs to expand curbside charging and overnight charging infrastructure for tenants and garage orphans.
2. **EJ populations and rural:** Executive branch agencies will focus the deployment of publicly available funds for environmental justice populations and into rural areas, with a particular focus on reaching low-income residents, to ensure that the transition to electric vehicles is equitable.
3. **Highway charging:** MassDOT will pursue options to communicate EV charging station locations on highway signage and/or elsewhere.

4. **Technologies:** EEA and other state agencies will develop programs to reduce the transmission and distribution infrastructure burden of electric vehicle chargers by using policies such as time-of-use rates and technologies such as on-site storage and bidirectional charging to turn electric vehicles and electric vehicle charging stations into grid assets.
5. **Car sharing:** EEA, DOER, and DPU will encourage electrification of alternative vehicle ownership modes, such as electric vehicle car sharing and electrification of ride-hailing services.
6. **Regulations (1):** DOS will develop new regulations to ensure that publicly accessible electric vehicle chargers are registered, inspected, and tested to improve uptime.
7. **Regulations (2):** DOS will also develop new regulations that apply consumer protections to EVSEs, including, but not limited to signage and price disclosure requirements; protections against price gouging; standardized EVSE connection equipment; and limiting the sale of consumer data collected.
8. **Procurement:** EEA and DOER will work with other agencies (e.g., Operational Services Division (OSD), MassDEP, the Department of Capital Asset Management and Maintenance (DCAMM), the Massachusetts Clean Energy Center (MassCEC), MassDOT, and the MBTA) and cities and towns responsible for procuring EVSE to coordinate procurement processes, and, if necessary, develop recommendations for the legislature to align processes.