

COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF ENERGY RESOURCES

DEPARTMENT OF PUBLIC UTILITIES

Clean Energy Transmission Working Group

September 22, 2023

Agenda

Item	Time	Estimated Duration
Welcome, Agenda, Roll call	9:00 - 9:05	5 min
Review and vote on Meeting Minutes	9:05 - 9:10	5 min
Public comment	9:10 - 9:25	15 min
Presentations on offshore wind transmission <ul style="list-style-type: none">• Johannes Pfeifenberger, Brattle Group• Melissa Pauley, US Department of Energy• David Burnham, Eversource	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

- Roll call alphabetically by voting members

Meeting Minutes

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

Public Comment

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

Presentations on offshore wind transmission

- Johannes Pfeifenberger, Brattle Group
- Melissa Pauley, US Department of Energy
- David Burnham, Eversource

Discussion of CETWG report outline

Proposed report outline for CETWG discussion

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

1. Acknowledgements
2. Background
3. Overview of NE transmission planning and development
 1. Jurisdiction authority
 2. Transmission planning
 3. Cost allocation
 4. Generator interconnection
 5. Siting and permitting
4. Transmission needs, challenges, and opportunities
 1. ISO-NE 2050 transmission study
 2. Offshore wind transmission
 3. Cost allocation
 4. Interconnection and Order 2023
 5. Distribution system planning and operations
 6. Siting and permitting
5. Conclusions and recommendations
 1. Transmission needs and potential solutions
 2. Recommendations
 1. FERC and DOE
 2. ISO-NE
 3. State level

Discussion of CETWG report outline

CETWG member outreach

The co-Chairs seek additional member support to lead the development and drafting of several sections of the proposed report

- Transmission planning
 - Bulk power system (ISO-NE)
 - Distribution system (IOUs)
- Federal funding opportunities
- Distribution system planning and operations
 - Impact of DERs on distribution system operations and planning
 - Impact of DERs on transmission system operations and planning
 - Grid enhancing and alternative technologies

Discussion of CETWG report outline

Conclusions and Recommendations

Discussion of process and schedule for developing and finalizing conclusions and recommendations to the legislature

Close and Next Steps

List of 2023 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: transmission as an enabler for DER; distribution and transmission planning coordination • Engie North America: impact of distributed batteries on the transmission system • Barr Foundation: TBD
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 (status and expected work of Commission on Clean Energy Infrastructure Siting and Permitting) 	<p>Interconnection and Order 2023</p> <ul style="list-style-type: none"> • New Leaf Energy: ISO's interconnection process from a developer's perspective; Order 2023 changes
Dec 15 th	Final review and approval of report	Co-Chairs: discussion of draft findings and recommendations

Close and Next Steps

- Next meeting: Joint CETWG and the Grid Modernization Advisory Council (GMAC) meeting on October 13th
- Tentative topics for the joint CETWG/GMAC meeting
 - Administrative
 - Public Comment
 - Distribution system planning and operations
 - Presentations by Eversource, National Grid, New Leaf Energy, Engie, and Barr Foundation
 - Discussion by members

CETWG Website and Contacts

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