

CLEAN ENERGY TRANSMISSION WORKING GROUP (CETWG)
Report Outline

1. Acknowledgements **Staff**
2. Background **Staff**
 - 2.1. Legislative mandate for the CETWG
 - 2.1.1. Section 71 of the 2022 Climate Act requirements
 - 2.1.2. CETWG composition/members
 - 2.2. Public meetings **Staff**
 - 2.2.1. Number, virtual, dates/schedule
 - 2.2.2. Public comments and participation
3. Overview of New England transmission planning and development
 - 3.1. Jurisdiction authority Kelly**
 - 3.1.1. Federal/FERC (DOE)
 - 3.1.2. Regional (ISO)
 - 3.1.3. State (legislature, DPU, DOER)
 - 3.2. Transmission planning **Ahern, Burnham**
 - 3.2.1. Bulk power system (ISO-NE)
 - 3.2.2. Distribution system (IOUs)
 - 3.3. Cost allocation **Kelly**
 - 3.3.1. Overview of transmission costs and benefits
 - 3.3.2. ISO-NE cost allocation
 - 3.3.2.1. Reliability projects

- 3.3.2.2. Economic projects
 - 3.3.2.3. Public Policy projects
 - 3.3.3. Distribution system cost allocation
- 3.4. Generator interconnection **Burnham, Delaney**
 - 3.4.1. ISO-NE process
 - 3.4.2. Distribution system process
- 3.5. Siting and permitting **Staff**
 - 3.5.1. Federal (FERC, DOE)
 - 3.5.2. State (EFSB)
 - 3.5.3. Local
- 4. Transmission needs, challenges, and opportunities
 - 4.1. ISO-NE 2050 transmission study **Keane**
 - 4.1.1. Scope, assumptions, states input
 - 4.1.2. Findings
 - 4.1.3. Next steps
 - 4.1.3.1. Cost estimates
 - 4.1.3.2. Final report
 - 4.1.3.3. Phase 2 tariff change
 - 4.2. Offshore wind transmission
 - 4.2.1. Review of inter-regional needs, challenges and opportunities **Ahern, Burnham**
 - 4.2.1.1. Review of industry studies, including inter-regional transfer capabilities
 - 4.2.1.2. Policy and regulatory initiatives/coordination (e.g., Interregional Transmission Collaborative)
 - 4.2.2. Review of New England needs, challenges and opportunities **Ahern, Burnham**

- 4.2.2.1. Review of industry studies, including points of interconnection and onshore infrastructure
- 4.2.2.2. Policy and regulatory initiatives/coordination
- 4.2.3. Federal funding opportunities **[Open]**
- 4.3. Cost allocation **Kelly**
 - 4.3.1. Overview of transmission costs and benefits
 - 4.3.2. Review of cost allocation measures in other jurisdictions
 - 4.3.3. ISO-NE Long-Term Transmission Planning Tariff Reforms and Status
- 4.4. Interconnection and Order 2023 **Burnham, Delaney**
- 4.5. Distribution system planning and operations
 - 4.5.1. Impact of DERs on distribution system operations and planning **Ahern, Burnham**
 - 4.5.2. Impact of DERs on transmission system operations and planning **Ahern, Burnham**
 - 4.5.3. Grid enhancing and alternative technologies **LaRusso**
- 4.6. Siting and permitting **Staff working with Commission**
 - 4.6.1. Massachusetts Commission on Clean Energy Infrastructure Siting and Permitting
- 5. Conclusions and recommendations
 - 5.1. Transmission needs and potential solutions
 - 5.1.1. Inter-regional needs
 - 5.1.2. Regional (inter-state) needs
 - 5.1.3. State needs
 - 5.1.4. Role of GETS and alternative transmission technologies
 - 5.1.5. Role of DR and dynamic load

5.2. Recommendations (*TBD; potential topics noted below*)

5.2.1. FERC and DOE

5.2.1.1. *Long-term transmission planning reforms?*

5.2.1.2. *Interregional? Offshore wind network? Enhanced transfer capability?*

5.2.2. ISO-NE

5.2.2.1. *Order 2023 compliance plan*

5.2.2.2. *Other Tariff changes*

5.2.2.2.1. *Planning process?*

5.2.2.2.2. *Cost allocation?*

5.2.2.2.3. *Long-term Planning Phase 2 tariff change?*

5.2.2.2.4. *GETS and alternative technologies?*

5.2.2.2.5. *Asset condition projects and rightsizing?*

5.2.3. State level

5.2.3.1. *DR and dynamic load initiatives?*

5.2.3.2. *Siting and permitting?*

5.2.3.3. *Adaptable/flexible transmission procurement authority?*