CLEAN ENERGY TRANSMISSION WORKING GROUP (CETWG)

Report Outline

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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 **[Request pending to presenter]**
     - 3.1.1. Federal/FERC (DOE)
     - 3.1.2. Regional (ISO)
     - 3.1.3. State (legislature, DPU, DOER)
   - 3.2. Transmission planning **[Open]**
     - 3.2.1. Bulk power system (ISO-NE)
     - 3.2.2. Distribution system (IOUs)
   - 3.3. Cost allocation **[Request pending to presenter]**
     - 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 and potential for 2024 regional procurement

4.2. Offshore wind transmission **[Ahern, Burnham]**

4.2.1. Review of inter-regional needs, challenges and opportunities

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

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 **[Request pending to presenter]**

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 **[Open]**

4.5.1. Impact of DERs on distribution system operations and planning

4.5.2. Impact of DERs on transmission system operations and planning

4.5.3. Grid enhancing and alternative technologies

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?