

Task force participants by project team topic:

1. Data collection on characteristics of data centers and other large loads.

Broad range of experts working on development, connection, and/or operation of large loads. The interest in this task spans multiple timeframes from stability (milliseconds) to market participation and flexibility (minutes to hours).

2. Load forecasting

Large load developer with expertise in project sizing and siting and project development timelines and milestones for various types of large loads as well as large load operators (people familiar with operating cycles/profiles of large load sites). ISO/RTO/utility engineers (including both transmission and distribution interconnection engineers) working with load forecasting for both planning and operational timeframes

3. Interconnection process

ISO/RTO/utility interconnection engineers (including both transmission and distribution interconnection engineers) working with large load connections on transmission and/or distribution side, regulators (state and federal), engineers from load developer companies working on load site electrical design and/or dealing with Large Load-Grid interface (including connection design and interactions with the local grid owner/operator), utility large load business development/key account experts

4. Interconnection performance requirements

ISO/RTO/utility interconnection engineers (including both transmission and distribution interconnection engineers) working with large load connections on transmission and/or distribution side, regulators (state and federal), engineers from load developer companies working on load site electrical design and/or dealing with Large Load-Grid interface (including connection design and interactions with the local grid owner/operator), large load operators (people familiar with operating cycles/profiles of large load sites), utility large load business development/key account experts

5. Modeling requirements for interconnection

ISO/RTO/utility engineers running interconnection impact studies as well as other planning and real time studies, facility engineers from load developer (or contracted by load developers) companies working on load site electrical design and/or dealing

with Large Load-Grid interface, large load operators (people familiar with operating cycles/profiles of large load sites), major equipment suppliers like ABB, Eaton, Schneider etc, regulators

6. **Transmission planning**

Transmission planning engineers from ISO/RTO/utilities. Large load developer with expertise in project sizing and siting and project development timelines and milestones for various types of large loads, large load operators (people familiar with operating cycles/profiles of large load sites), **regulators (state and federal)**,

7. **Wholesale market options**

ISO/RTO Market Design and Ops folks, NARUC. FERC and other, data center energy teams responsible for market interactions, large load operators (people familiar with operating cycles/profiles of large load sites), other interested market participants, IPPs, and utilities

8. **Resource adequacy**

Large Load specific participants: (1) Data center operators, specifically focused on managing data center loads and compute processes around flexibility and 24/7 time matching, (2) data center planners and/or developers, focused on interconnection and sizing, (3) crypto-mining company, (4) EV fleet charging (i.e. Amazon, bus depot, etc.), (5) hydrogen electrolyzer operator (6) reciprocal engine backup power provider (i.e. Wartsila, others)

Grid participants: (7) utility resource planners in IRP jurisdictions, (8) ISO/RTO resource adequacy/capacity market group(s), (9) regulators (state)