

Show Cause for Large Loads Conceptual Approach

Co-Located Load Order Workshop
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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

- Address the application process, study procedures, and operational requirements that apply to Eligible Customers seeking transmission service on behalf of large loads
- Ensure that those customers above are allocated costs for new transmission needed to provide firm transmission service to new large loads. Methodology to be consistent with TO cost recovery mechanisms
- Establish a new (or show an existing) transmission service that can accommodate flexible large loads
- Establish rules for “electrically proximate” and co-located large loads

- Application procedures and readiness requirements
- Study methodology that identifies the transmission upgrades
- Technical requirements for the interconnection of new large loads
- Coordination with TOs on identification and allocation for the costs of transmission upgrades
- Contractual obligations to codify the requirements of the new large load
- Operational Procedures to address interim NITS and non-firm NITS
- Incorporate the overlap with the co-location order
- Interaction with the LLA process and the load forecast development

Integration into the New Services Request Process

- Integrate Transmission Service for Large Loads process into the New Services Request Process
- Generation interconnection, transmission interconnection, long term firm requests and new large load are studied cohesively to determine the most efficient solution for the cluster

- Reduce the full New Service Request process to approximately 12 months
 - Eliminate parallel processes by incorporating them into the new timeline
 - Reduce the topology optimization to no more than 2 iterations (including the final optimization)
 - Consider the use of increased readiness requirements and/or capping the amount of applications to deal with volume
 - Document the progress that is needed in automation to achieve the reduced timeline
 - Consider timing that has an optimal overlap with the current RTEP process

- Network Integration Transmission Service (NITS) cannot commence until installation of all equipment necessary to ensure reliable operation of the Transmission System has been completed
- Utilize existing Interim Deliverability study to identify any firm NITS prior to completion of network upgrades
 - Non-firm NITS to be controllable under operational procedure
- Similar to “energy only” generation

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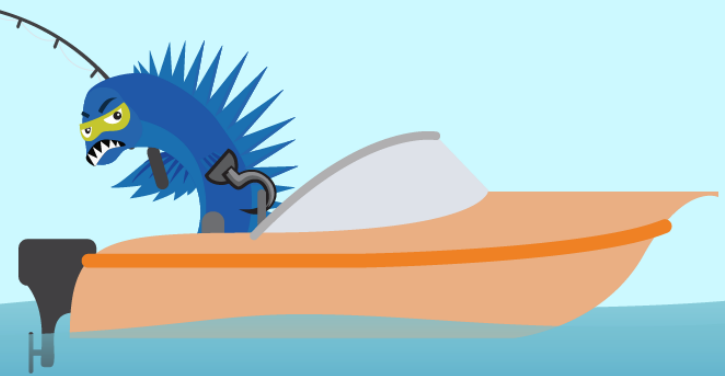
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