



Interconnection Requirements for New Commercial Load Behind the Meter of an Existing Generator

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- Rules providing guidance on a new load addition behind the meter of an existing generation resource:
 - Interconnection Service Agreement
 - PJM OATT Attachment O, Appendix 2, section 3.1
 - PJM Manual 14G section 4.5
- In accordance with Operating Agreement, applicable federal, state and local laws.

- Interconnection entity proposing interconnection of a new load shall notify PJM and the Interconnected Transmission Owner at least ninety days in advance of physical construction.
- For notification to PJM, Generator Owner should contact specific Client manager assigned to the project or the general Client Manager mailing list at ClientManagers@pjm.com

- Along with notification to PJM, requesting party shall provide relevant drawings, plans, and specifications.
 - Size of proposed load
 - Electrical connection to an existing interconnection facilities
- Complexity of proposed changes could impact study scope and subsequent review duration
- PJM Transmission Planning along with Infrastructure Coordination departments will perform initial review and determine if more detailed review would be warranted
 - Significant load addition would automatically trigger detailed review

- For project requiring detail review, PJM will follow up with issuing Necessary Study Agreement (NSA)
 - NSA will spell out study terms and conditions as well as timing for study completion
 - A \$25,000 deposit must be collected before study work commences
 - PJM will request additional technical data for detailed review to be submitted via Queue Point
 - Requesting entity shall submit technical details via Queue Point
 - PJM feedback on additional information required will be documented in Queue Point comments section

- PJM as part of the initial review will reach out to Transmission Owner for coordinating study work
 - PJM will collaborate with TO on study review scope
 - Will take into consideration study scenarios proposed by TO
- TO will review the proposed modification design to ensure there are no unexpected withdrawal of power at Point of Interconnection and review system protection on modified facilities
- Following completion of the Necessary Study, PJM will provide study reports to Transmission Owner for review

- Following completion of the Necessary Study and determination that proposed change(s) is/are not material, GO may proceed with proposed modifications
- PJM will initiate amendment of the ISA
 - CIR reduction
 - Description of facility modifications
 - Modification to required metering (if any)
- PJM will coordinate update of Planning and Operations Models
- GO to submit “as-built” data via Queue Point within one month of construction completion

- Substantial load addition with impact to system reliability (typically in excess of 10 MW's) might need to be modeled and metered
 - PJM will reach out to GO for any required model details
 - PJM will request any required instantaneous measurements for the EMS model