

Necessary Studies

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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

When a Project Developer changes the characteristics of the generator(s) or the structure or equipment from the characteristics studied during the System Impact Study, a **Necessary Study may be required.**

Common examples would be when:

- A wind farm purchases a newer-model wind turbine of different size or electrical characteristic.
- The GSUs purchased do not match the characteristics studied.
- Changes to the solar inverters

The Necessary Study is performed:

- “...to determine whether the Planned Modifications will have a permanent material impact on the Transmission System or would constitute a Material Modification...”
- “In the event such Planned Modification have a permanent material impact on the Transmission System or would constitute a Material Modification, Project Developer shall then withdraw the proposed modification or proceed with a new Interconnection Request for such modification.”

- More impactful project changes such as fuel-type changes, increases in MFO, and POI changes are not contemplated under the Necessary Study process.
- These changes require a Project Developer to submit a New Service Request.
- Limited changes project changes are permitted at Decision Points:
 - Removal of a fuel type from a New Service Request that involves multiple fuel types, as long as it meets reduction rules, is permitted at DP I or DP II.

- Tariff, Part IX, Subpart B, Appendix 2, Section 3:
[Modification of Facilities](#)
- Tariff, Part IX, Subpart G:
[Form of Necessary Studies Agreement](#)

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Necessary Studies



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