Necessary Studies

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Purpose of a Necessary Study

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

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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."

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Not Considered Under a Necessary Study

- 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.

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References

- Tariff, Part IX, Subpart B, Appendix 2, Section 3: Modification of Facilities
- Tarriff, Part IX, Subpart G: Form of Necessary Studies Agreement

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