



Stability Study Process TC1

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Interconnection Analysis

Develop Stability Clusters

- Projects are clustered based on electrical proximity, with cluster size limitations, to improve study efficiency
- Clusters will remain unchanged throughout the cycle, except for withdrawals

Transition Cycle I (TC1) stability case build

- Add TC1 projects to the 2027 RTEP Summer Peak and Light Load base case

Develop scope of work for TC1 projects

- Scope of work development may continue into Phase 2 as needed
- One scope of work report per cluster

Perform Queue Point data review and model validation - Decision Point 1 (DP1)

- Perform model validation for projects submitting data in accordance with the PJM Dynamic Model Development Guidelines based on DP1 changes

Prepare TC1 stability case for analysis

- Remove withdrawn projects
- Integrate updated TC1 models based on DP1 changes in to the stability case

Perform stability analysis and prepare stability reports

- One report per cluster

Load Flow and Short Circuit Upgrades

- Review/incorporate load flow or short circuit upgrades as needed

Update TC1 stability case

- Include updates received during Decision Point 2
- Remove withdrawn projects

Re-run stability analysis as needed

Review/incorporate LF/SC upgrades as needed

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