

To ensure the protection and reliability of the RCEC system, a Impact Study is required on all DER installations effective October 1, 2025

Solar Studies

There are two different studies to analyze solar installations depending on the size and scope of the proposed installation.

The chart below outlines the required studies.

Screening Study

- Review if DER Application
- Review of Site Diagram
- Review of One-Line Diagram

Solar Impact Study

- Detailed modeling of the DER on the primary distribution system,
- Peak and minimum daylight load scenarios
- Impact of the interrupting capacity of fault pretention devices
- Flicker Study
- Reverse current potential of regulators, electronic reclosers, breakers, and/or substation transformers

Screening Studies are required for smaller installations (< 25kW) on substations feeders with lower DER penetration (<15%).

If the screening study concludes that the proposed installation will cause >15% feeder DER penetration, then a Solar Impact study is required.

See the current pricing structure below

Installation Capacity

- 0 - 25 kW
- 25 - 500 kW
- 500 kW and above

Total Feeder DER kW < 15% Feeder Peak kW

- Screening Study \$500
- Solar Impact Study \$ 3,200
- Solar Impact Study \$ 6,400

Total Feeder DER kW > 15% Feeder Peak kW

- Solar Impact Study \$ 1,600
- Solar Impact Study \$ 3,200
- Solar Impact Study \$ 6,400