

Perform Supplemental Review to determine cumulative impact on Line Section.

A. For interconnection of a proposed Generating Facility to a distribution circuit, the “aggregate Generation Facility capacity” includes the proposed Generating Facility but excludes generation that does not run in parallel with the utility for greater than 10 minutes.

B. For interconnection of a proposed Generating Facility to a distribution circuit, the “aggregate Generation Facility capacity”, including the proposed Generating Facility, on the Line Section shall not exceed 15% of the Line Section’s annual peak load as most recently measured at the substation or calculated for the Line Section.

C. For Highly Seasonal Circuits only, the “aggregate Generation Facility capacity”, including the proposed Generating Facility, on the Line Section shall not exceed 15% of two times the Minimum Daytime Loading.

The significance of Screen 3:

1. *Low penetration of Generating Facility installations will have a minimal impact on the operation and load restoration efforts of the utility’s Distribution System.*

2. *The operating requirements for a high penetration of Generating Facilities may be different since the impact on utility’s Distribution System will no longer be minimal and, therefore, require additional study or controls.*

3. *In Line Sections that are not highly seasonal, there will be minimal impact on the operation and load restoration efforts of the utility’s Distribution System when aggregate Generating Facility capacity is less than 15%. For penetration in excess of 15%, the impact on the utility’s Distribution System operating requirements may no longer be minimal, and therefore, may require additional study.*

4. *Highly Seasonal Circuits include those with heavy irrigation loads in the summer or snowmaking loads in the winter. In Highly Seasonal Circuits, the 15% of Line Section annual peak load criterion could result in aggregate Generating Facility capacity exceeding load on the Line Section at times. Therefore, a lower threshold is applied for Highly Seasonal Circuits.*

5. *Aggregate Generating Facility capacity does not include generators that rarely run in parallel with the utility’s Distribution System, such as back-up and emergency generators, because those generators have minimal impact on the Distribution System.*

Screen 4: For single phase interconnections only -- Is the aggregate generation capacity on the Shared Secondary, including the proposed Generating Facility, less than 65 % of the nameplate rating of the service transformer?

- If Yes, continue to next screen.
- If No, the Generating Facility does not qualify for Simplified Interconnection. Perform Supplemental Review.

If the proposed Generating Facility is to be interconnected on a single-phase Shared Secondary, the aggregate Generating Facility capacity on the Shared Secondary, including the proposed Generating Facility, shall not exceed 65% of the transformer nameplate rating.