

# DER Hosting Capacity Calculation Summary



The DER hosting capacity in the distribution system is based on the following criteria:

## 1. Feeder Thermal Limit

- Generation is limited to 200 A or 400 A, depending on the feeder's voltage class

## 2. Station Thermal Limit

- Total generation on the station must not exceed the sum of 60% of the transformer's MVA rating, and minimum station load.

## 3. Micro-DER Limit

- Micro-DER generation ( $\leq 12$  kW) is limited to:
  - No more than 7% of maximum feeder load on F-class feeders, or
  - No more than 10% of maximum feeder load on M-class feeders

## 4. Upstream Transmission Constraints

- The available capacity is always the lower of:
  - The LDC-calculated limit, or
  - The upstream transmitter limit

### Available Station/Feeder Capacity:

Available Capacity = Applicable Limit – Existing Connected Generation

- Applicable Limit is the lowest number of all the above criteria
- Existing Connected Generation is the total of all the existing DER projects connected on the feeder/station