

# Solar PhotoVoltaic Submission Requirements:

- A Single Line Diagram provided by an electrical contractor with the following details:
  - Module brand, model, certification mark, quantity, combined STC output & Location
  - Service entrance information (line phase, voltage, wire service provider, etc)
  - All bonding and grounding conductors (or WEEB's) and system grounding electrodes(s)
  - All sub and main panel bus bar ratings and feeder breaker sizes
  - Solar breaker size, sub and main panel between inverters and grid, with location on site
  - DC and AC disconnect locations on site
  - Minimum conductor size & length
  - Inverter brand, module, certification mark, individual and combined output rating (Current voltage, current, and power), quantity and location
  - Combiner box details and fuse ratings where applicable
  - Solar array DC circuit rating per module for micro-inverters or DC Optimizers, or combined string ratings, at Standard Testing Conditions: Voltage Open Circuit, Max Power Voltage, Max Power Current, Show number of modules per string.

Note: System installer must also request a final electrical inspection and send the completed inspection report to Fortis to arrange for the bi-directional meter.