

1. The interconnection will require protective relaying capable of providing protection per PRC-024.
2. Below are the voltage and frequency settings used on Dominion Energy South Carolina's breaker. It is the customer's responsibility to ensure that the settings will coordinate with their equipment. A tiered approach is recommended: inverters should respond first, then customer's breaker, and finally the Dominion Energy South Carolina breaker. There should be enough coordination to allow for relay response time plus breaker operate time.
 - a. Underfrequency (81U)
 - 57.8 Hz @ Time delay of 126 cycles (2.1 seconds)
 - 57.0 Hz @ Time delay of 12 cycles (.2 seconds)
 - b. Overfrequency (81O)
 - 61.0 Hz @ Time delay of 7,200 cycles (120 seconds)
 - 62.0 Hz @ Time delay of 12 cycles (.2 seconds)
 - c. Undervoltage (27)
 - 88% of nominal @ Time delay of 192 cycles (3.2 seconds)
 - 50% of nominal @ Time delay of 45 cycles (0.75 seconds)
 - d. Overvoltage (59)
 - 110% of nominal @ Time delay of 132 cycles (2.2 seconds)
 - 120% of nominal @ Time delay of 45 cycles (0.75 seconds)
3. The generator must have anti-islanding protection.
4. The customer must provide us with the following schematics/documentation:
 - a. Prior to requesting in-service inspection:
 - Most recent overall one-line diagram.
 - The breaker "issued for construction" relay protection settings.
 - The inverter "issued for construction" relay protection settings.
 - The inverter instruction manual or subset explaining the protection settings.

NOTE: Dominion Energy South Carolina must approve relay and inverter protection settings prior to customer requesting in-service inspection.
 - b. Prior to anti-islanding test:
 - The inverter commissioning test report, including "as left" protection settings.
 - c. After anti-islanding test:
 - "As left" relay protection settings.
5. It is the customer's responsibility to protect their generation from reclosing operations.
6. Reverse Power relaying where applicable.