

## Single Line Diagram Requirements Micro DER Connections ( $\leq 12\text{kW}$ )

The SLD should include the following items:

1. Title Block including:
  - a. Facility Owner Name
  - b. Address
2. Clearly shown Connection Point to Entegrus Infrastructure
3. Meter Location
4. Main Service Panel with Rating
  - a. Clearly indicating if a service upgrade is required for the project
5. Distributed Generation Disconnect Switch
  - a. Located within 2m of the meter accessible to Entegrus staff
  - b. Switch Rating
  - c. Manufacturer
  - d. Model
6. Existing Generators (if applicable):
  - a. Clearly shown with detailed capacity and type
7. Proposed Generators:
  - a. Clearly shown with detailed capacity and type
  - b. Specifying if induction/synchronous and solar/battery
8. Solar Information (if applicable)
  - a. Inverter Information
    - i. Manufacturer
    - ii. Model
    - iii. Rating
    - iv. Output Voltage
    - v. Certification
  - b. Panel Information
    - i. Quantity
    - ii. Rating

All information on the SLD must be legible, and of a reasonably sized font for ease of reading. Electrical connections between components should be clearly depicted on the diagram.