

SGIP Proposed Monitoring Plan Checklist

Description of SGIP System

- Description of energy services provided and intended operation
- Examples might be load-shaving, energy arbitrage, peak-shifting, demand reduction, storage of excess renewable generation, etc.
- Single-line diagram with layout detailing the system and components at the project site.
- Description of major components
- Examples include storage medium, inverter/converter, and controls.
- Include subsystems, such as onsite generation (include nameplate capacity (kW)), if applicable

Description of Site Load and Displaced Fuel Sources

- Explanation of average electric load, annual peak load, and large consumers of electricity at the site.
- Description of typical business hours
- (i.e. M-F, 9AM-5PM).
- Fuel Being Displaced (ie electricity or natural gas provided by XYZ Utility)
- Photo of installation location and associated equipment if possible

Description of Metering & Approach, including:

- System Layout, including interconnection meter, and any existing on-site generators.
- Location of Metering Points including the reasoning behind the selected metering points.
- Frequency with which data will be collected (i.e. 15 minute intervals).
- Description of all data streams to be collected (i.e. Power (kW), Energy (kWh), State of Charge (%), Cycles, etc.)
- Identification of metering system components by manufacturer make and model.
- Data storage capability and approach for transfer of data (e.g., cell modem) and frequency of reporting to PDP.

If Paired with On-Site Renewable Generators:

- A description of the anticipated charge and discharge schedule of the system demonstrating that the system complies with ITC operational requirements or, for projects not claiming the ITC, will be charged at least 75% from renewables.
- A description of the metering that will be used to verify that the system is being charged from renewables.