*The information required in this form for BESS's, is in addition to the information in Appendix 1, Interconnection Request and Attachment A, Generating Facility Data to GIP Appendix 1.*

Project Name:

Project Contact

Contact E-mail                                                                 Phone #

Storage type (e.g., Battery, Hydro-Pump, etc.)

Operating Voltage                                              kV

Number of Step-Up Transformers (Table 1 needs to be filled out for each)

General description of the Storage System (size, type, mode of operation, etc.)

## BESS PROPOSED DATES

Proposed In-Service Date (first date transmission is needed to the facility), Trial Operation date and Commercial Operation Date and Term of Services (**dates must be sequential**).

Proposed In-Service Date                          Proposed Commercial Operation Date

Proposed Trial Operation Date                    Proposed Term of Service (years)

## ELECTRICAL SOURCE FUNCTION

| | |
|---|---|
| Rated Storage Discharging Power | MW |
| Maximum Discharging Time Under Rated Power | Hrs |
| Maximum Discharging Capacity | MW |
| Grid Interface Device (Type of Converter) | |
| Maximum Grid Overload Capability of Interface Device | MW |
| Will Power be Exported to the Grid? | ○ Yes   ○ No |
| If **Yes**, Specify Maximum Export to the Grid | MW |
| Reactive Capability (Provide Reactive Capability Curve, if available) | MVar |
| Maximum Fault Contribution Current of BESS | p.u. |
| Life Span | cycles |

## ELETRICAL LOAD FUNCTION

| | | |
|---|---|---|
| Rated Storage Charging Power | MW | MVar |
| Maximum Charging Rate | MW/Hr | |

Will battery be charged from the Transmission or Distribution Grid?      ○ Yes      ○ No

 If **Yes**, Specify times when battery will be charged
(During Daytime Hours, Nightime Hours, or No Restrictions)

○ Daytime          ○ Nighttime          ○ No Restrictions

> **NOTE:**
> Daytime hours are from 9:00 am - 7:00 pm
> Nighttime hours are from 7:01 pm - 8:59 am. Under this option, if IC elects to charge during daytime hours, a reverse power relay will be installed to prevent charging when demands are high for the grid.

If **No**, provide technical description of how battery will be charged, including source of energy

Provide technical description on Charger Control System

## ADDITIONAL SUBMITTALS

1. Submit GE PSLF load flow in the form of epc
2. Submit GE PSLF dynamic model in the form of dyd
3. Provide one line diagram of BESS
4. Site layout (plot plan)
5. Total square footage for BESS