

## ENERGY STORAGE SUPPLEMENTAL FORM

*This form is supplemental to the standard Maryland interconnection application and agreement. Please fill out and submit this form at the same time as all other forms and documentation associated with your interconnection application.*

### **Customer Information**

Customer Name: \_\_\_\_\_

Energy Storage Facility Address (if different from mailing address): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Account #: \_\_\_\_\_

Is this an add-on to an existing customer-generator facility Yes  No

Stand-Alone  With a Renewable Energy System

Share inverter with a Renewable Energy system? Yes  No

If Yes, can it be charged from the distribution grid? Yes  No

If No, how is the Energy Storage System prevented from being charged by the distribution system? \_\_\_\_\_

Lockable, visible AC disconnection switch located between the meter and the generation source?

Existing  New

One Line Electrical Diagram included? Yes  No

### **Energy Storage Information**

Energy Storage System Mfr: \_\_\_\_\_ Model: \_\_\_\_\_

Energy Storage Type: \_\_\_\_\_ Energy Storage Charge/Discharge Rating (kW AC): \_\_\_\_\_

Energy Storage Energy Capacity (kWh): \_\_\_\_\_ PF Setting Range: \_\_\_\_\_

### **Frequency Regulation Participation:**

PJM Approved?  Yes  No

Does it have ramp rate control?  Yes  No

Does it have the ability for time delay?  Yes  No

Does it have the ability to limit maximum charge and discharge?  Yes  No

**Energy Storage Inverter Information** (if NOT shared with Renewable Energy System)

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Type:  Forced Commutated  Line Commutated

Rated Output: Watts: \_\_\_\_\_ Volts \_\_\_\_\_

Efficiency: \_\_\_\_\_ % Power Factor: \_\_\_\_\_ %

Inverter UL1547 Listed:  Yes  No

DC Source / Prime Mover: \_\_\_\_\_

Rating: \_\_\_\_\_ Kw Rating: \_\_\_\_\_ kVA

Rated Voltage: \_\_\_\_\_ Volts

Open Circuit Voltage (If applicable): \_\_\_\_\_ Volts

Rated Current: \_\_\_\_\_ Amps

Short Circuit Current (If applicable): \_\_\_\_\_ Amps

**Operation Information**

Describe the intended operation of the energy storage:

\_\_\_\_\_

**Intent of Generation**

- Offset load (Unit will operate in parallel, but will not export to BGE)
- Net Meter (unit will operate in parallel and will export power pursuant to Maryland Net Metering or other filed tariff(s))
- Wholesale Market Transaction (Unit will operate in parallel and participate in PJM market(s) pursuant to a PJM Wholesale Market Participation Agreement)
- Back-up Generation (units that temporarily parallel for more than 100 milliseconds)

Note: back-up units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement.

**Acknowledgement of Modification of Small Generator Facility:** You must receive written authorization from BGE before making any changes to the Small Generator Facility, other than minor changes that do not have a significant impact on the safety or reliability of the Electric Distribution System as determined by BGE. If you make such modifications without BGE's prior written authorization, BGE shall have the right to temporarily disconnect the Small Generator Facility.

Initial \_\_\_\_\_

**Additional Comments (if applicable):**

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**Signature and Customer Certification**

I hereby certify that, to the best of my knowledge, information and belief, all of the information provided in this form is complete and true. I consent to permit representatives from the Maryland Public Service Commission and Baltimore Gas and Electric Co to exchange information regarding the Energy Storage system to which this form applies.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_ Title: \_\_\_\_\_