



DELAWARE ELECTRIC CO-OP

"We Keep the Lights On"

14198 Sussex Highway
Greenwood, Delaware 19950
855-DEC-9090

www.delaware.coop

Delaware Electric Cooperative, Inc.
Interconnection Application – Battery Storage
(Supplemental Form - For Use with Interconnection Application)

This application must be completed when installing a battery unit in conjunction with an interconnected generating system. This form shall be submitted along with the Interconnection Application.

1. DEC Member Information

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

DEC Account Number: _____

2. Facility Information

Please fill out where applicable below. If the address is the same as Section 1, then the address block does not need to be filled out again.

Address: _____

City: _____ State: _____ Zip: _____

Nearest DEC equipment tag number: _____

Is this an add-on to an existing member-generated 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 battery energy storage system prevented from being discharged by the distribution system?



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3. Battery Storage Information

Battery System Manufacturer: _____ Model: _____

Battery Type: _____ Battery Charge/Discharge Rating (kW DC): _____

Expected Battery Unit Useful Life (years): _____

Battery Energy Capacity (kWh): _____ PF Setting Range: _____

Total Number of Battery Units: _____ Total Energy Capacity of Battery System (kWh): _____

4. Battery Storage Inverter Information *(if NOT shared with interconnected generating system)*

Manufacturer: _____ Model: _____

Type: Forced Commutated _____ Line Commutated _____

Rated Output Power (kW): _____ Output Voltage (V): _____ Output Current (A): _____

Efficiency (%): _____ Power Factor (%): _____ DC Source/Prime Mover: _____

Inverter UL 1547 Listed: Yes _____ No _____

Rated Input Power (kW): _____ Input Voltage (V): _____ Input Current (A): _____

Open Circuit Voltage (if applicable) (V): _____

Short Circuit Current (if applicable) (A): _____

5. If Using for Frequency Regulation:

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 _____



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6. Operation Information

Describe the intended operation of the battery:

7. Additional Comments (if applicable)

8. Signature and Member Certification

I hereby certify, to the best of my knowledge, all the information provided in this Application is true and correct:

Company: _____

Name (print): _____

Date: _____

Signature: _____

The application must be submitted via email to interconnection@delaware.coop

Optionally, paper applications may be mailed to the following address:

Delaware Electric Cooperative, Inc.
ATTN: Interconnection Application
14198 Sussex Highway
Greenwood, DE 19950