Delaware Electric Cooperative
Generator Interconnection Application – Short Form
(For Use with Generators less than 100 kW DC)

An applicant (Generator Owner) makes application to Delaware Electric Cooperative to install and operate a generating facility less than 100 kW DC and interconnected with the Delaware Electric Cooperative utility system.

Section 1, Applicant Information Directly Interconnected to the Generating System

Is the following system: ☐ **Leased** **or** ☒ **Member Owned**

Type of Application: ☒ **Initial** **or** ☐ **Addition/Upgrade**

Name: Willis Burris

Mailing Address: 831 Log Cabin Road

City: Milford State: DE ZipCode: 19963

Email Address: Unclewillwill@gmail.com

Facility Location (if different from above): _____

Telephone: Area Code 302 Number 242-5962 (Evening) Area Code _____ Number _____

Delaware Electric Cooperative Account No.: 2469101 Rate Code: 1B2

Section 2, Equipment Contractor

Name: Liberty

Mailing Address: 5700 Kirkwood Highway

City: Wilmington State: DE ZipCode: 19808

Email Address: solar@goliberty.co Telephone (Daytime): Area Code 302 Number 660-2187

Section 3, General Service Requirements

If different from the existing service, what size service will the generation facility require?

☒ 200A ☐ 400A ☐ 600A ☐ 800A

If this is a new account for a Solar System, what Voltage/Phase will be required?

☒ 120/240V-1Ph ☐ 120/208V-1Ph ☐ 120/208V-3Ph ☐ 277/480V-3Ph

Section 4, Application Fee

This application fee is applicable for all new PV applications received on or after May 20, 2016. The cost will be $50.00 per application (new and/or upgrade) for systems 25 kW DC or less. For systems over 25 kW DC the fee will be $50.00 plus $1.00 kW DC over 25 kW DC. All interconnection applications submitted to DEC shall be accompanied with the appropriate fee made out to Delaware Electric Cooperative and are non-refundable. No applications will be considered without the fee.

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Section 5, Generator Type

Is Generator powered from a Renewable Energy Source: [X] Yes No [ ]

Type of Energy Source (if applicable): [X] Solar [ ] Wind [ ] Other _____

Other generator energy source: [ ] Diesel [ ] Natural Gas [ ] Fuel Oil Other: _____

Will excess power be exported to Delaware Electric Cooperative? [X] Yes No [ ]

(Typical) Maximum Export: 3.0 kW DC/AC

2 Yr. Avg. Annual Usage (kWh): 10,800 Forecast Annual kWh: 6,720

(Note: The Annual Forecast MUST be completed using **4.5 peak sun light hours per days**)

Section 5, Generator Technical Information

Please fill out the Initial Rating information if there is currently no generating facility on-site. If adding a generating facility to an existing facility, fill out the Initial Rating Information, the Added Rating Information and the Total Rating Information

Generator (or solar collector) Manufacturer, Model Name & Number: Solarworld 285 Mono
(A copy of Generator Nameplate and Manufacturer's Specification Sheet may be substituted)

Inverter Manufacturer, Model Name & Number (if used): Fronius Primo 6.0
(A copy of Inverter Nameplate and Manufacturer's Specification Sheet may be substituted)

Initial Rating:
DC System Design Capacity: 5.7 (kW) _____ (kVA)
Inverter Capacity: 6.0 (Maximum AC kW)
AC System Design Capacity: 6.0 (kW) _____ (kVA)

Added Rating:
DC System Design Capacity: _____ (kW) _____ (kVA)
Inverter Capacity: _____ (Maximum AC kW)
AC System Design Capacity: _____ (kW) _____ (kVA)

Total Rating (Existing and New):
DC System Design Capacity: 5.7 (kW) _____ (kVA)
Inverter Capacity: 6.0 (Maximum AC kW)
AC System Design Capacity: 6.0 (kW) _____ (kVA)

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Generator Disconnect Switch:
A lockable disconnect device shall be installed within 3 feet of the DEC meter and accessible at all times by DEC personnel, by and at the cost of the owner.

Section 6, Generator/Equipment Certification

Generating systems that utilize inverter technology must be compliant with *IEEE 929* and *Underwriters Lab. UL 1741*. Generating systems that use a rotating machine must be compliant with Delaware Electric Co-op's *Technical Requirements For Parallel Operation of Member Owned Generation* document. **By signing below, the Applicant certifies that the installed generating equipment meets the appropriate preceding requirement(s) and can supply documentation that confirms compliance.**

Name (print): Willis Burris Date: _____

Signed (Applicant): Willis Burris

Section 7, Aggregated Meter Information (If Applicable)

The following aggregated accounts shall be ranked according to the order in which credits shall be applied (We don't apply the credit; however, DEC may elect to make payment to the account serving the Generating System) Additionally, the following accounts must be active accounts and will be used to determine the total 2-year Annual Average kWh to ensure the new system is in compliance with DEC tariff.

1 - DEC Member Name _____ Rate Code: _____

DEC Account No.: _____ Capacity (DEC): _____ 2 Yr Annual Average kWh: _____

2 - DEC Member Name _____ Rate Code: _____

DEC Account No.: _____ Capacity (DEC): _____ 2 Yr Annual Average kWh: _____

3 - DEC Member Name _____ Rate Code: _____

DEC Account No.: _____ Capacity (DEC): _____ 2 Yr Annual Average kWh: _____

4 - DEC Member Name _____ Rate Code: _____

DEC Account No.: _____ Capacity (DEC): _____ 2 Yr Annual Average kWh: _____

Any additional meters associated with this aggregated system must be supplied on a separate sheet in the same format.

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Prior to installation send the completed Pages 1-3 to Delaware Electric Cooperative, Attn: Troy Dickerson, Manager of Engineering: Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600 Greenwood, DE 19950

Section 8, PRELIMINARY Approval to Proceed with Interconnection

Delaware Electric Cooperative: ☐ Has Approved ☐ Has Not Approved this Preliminary Application.

Name :_____ Date: _____

Signature: _____

Reason of Not Approving: _____

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