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:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ZipCode:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Facility Location (if different from above): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Telephone: Area Code \_\_\_\_\_\_ Number \_\_\_\_\_\_\_\_\_\_\_\_\_ (Evening) Area Code\_\_\_\_\_\_\_\_Number\_\_\_\_\_\_\_\_\_\_\_\_\_

Delaware Electric Cooperative Account No.:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Rate Code:\_\_\_\_\_\_\_\_\_\_\_\_

**Section 2, Equipment Contractor**

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

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_State:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ZipCode:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Telephone (Daytime): Area Code \_\_\_\_\_\_\_\_ Number \_\_\_\_\_\_\_\_\_\_\_\_\_

**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.

**Section 5, Generator Type**

Is Generator powered from a Renewable Energy Source: Yes No

Type of Energy Source (if applicable): Solar Wind Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other generator energy source: Diesel Natural Gas Fuel Oil Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

(Typical) Maximum Export: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kW DC/AC

2 Yr. Avg. Annual Usage (kWh): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Forecast Annual kWh: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(A copy of Generator Nameplate and Manufacturer’s Specification Sheet may be substituted)**

Inverter Manufacturer, Model Name & Number (if used): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(A copy of Inverter Nameplate and Manufacturer’s Specification Sheet may be substituted)**

Initial Rating:

DC System Design Capacity: \_\_\_\_\_\_\_\_ (kW) \_\_\_\_\_\_\_\_\_\_ (kVA)

Inverter Capacity: \_\_\_\_\_\_\_\_\_ (Maximum AC kW)

AC System Design Capacity: \_\_\_\_\_\_\_\_\_ (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: \_\_\_\_\_\_\_\_\_ (kW) \_\_\_\_\_\_\_\_\_\_ (kVA)

Inverter Capacity: \_\_\_\_\_\_\_\_\_ (Maximum AC kW)

AC System Design Capacity: \_\_\_\_\_\_\_\_\_ (kW) \_\_\_\_\_\_\_\_\_\_ (kVA)

**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):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed (Applicant): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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.*

**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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Section 9, Installation Details**

Generating System will be installed by: Owner State Licensed Electrician

Installing Electrician: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Firm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ License No.: \_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Telephone with Area Code: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Installation Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Interconnection Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supply certification that the generating system has been installed and inspected in compliance with the local Building/Electrical code of the municipality of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed (Inspector): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **(In lieu of signature of Inspector, a copy of the final inspection certificate may be attached)**

**Section 10, Applicant Signature**

**I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct.**

Name of Applicant (Printed): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Applicant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section 11, FINAL Approval or Non-Approval**

Delaware Electric Cooperative: Has Approved Has Not Approved this Interconnection Application.

Name :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reason of Not Approving: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Approval to connect to the Company system indicates only that the minimum requirements for a safe proper interconnection have been satisfied. Such approval does not imply that the Generator Owner’s facility meets all federal, state and local standards or regulations.**

**Section 12, Internal Checks and Notifications**

DEC has performed a site visit and approved the system: Yes

DEC has installed a Warning Label on or near the service meter: Yes

Notify Billing Dept. of Interconnected Generation: Yes

Notify Mapping Dept. of Interconnected Generation: Yes

Notify Metering Dept. of Interconnected Generation: Yes

Notify System Protection of Interconnected Generation: Yes

**At completion send Pages 5 - 6 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**