

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: _____

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.

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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)

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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): _____ 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.

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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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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.

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Section 12, Internal Checks and Notifications

DEC has performed a site visit and approved the system:	<input type="checkbox"/> Yes
DEC has installed a Warning Label on or near the service meter:	<input type="checkbox"/> Yes
Notify Billing Dept. of Interconnected Generation:	<input type="checkbox"/> Yes
Notify Mapping Dept. of Interconnected Generation:	<input type="checkbox"/> Yes
Notify Metering Dept. of Interconnected Generation:	<input type="checkbox"/> Yes
Notify System Protection of Interconnected Generation:	<input type="checkbox"/> 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