Application for Certification as an Eligible Energy Resource Under the Delaware Renewable Energy Portfolio Standard

1. Name of Facility
   Simms, Roland Residence - R Simms

2. Facility Address
   18472 Pettyjohn Road
   Georgetown, DE 19947

Is the facility located within the PJM control area? ☑ **Yes** ☐ **No**
If No, does the Facility have import capabilities? ☐ **Yes** ☐ **No**

3. Name of Owner
   Roland Simms
   Mailing Address
   18472 Pettyjohn Road
   Georgetown, DE 19947

Phone **302-236-1475** Fax _____

Email **homeport65@hotmail.com**

4. Name of Operator
   same as owner
   Mailing Address
   _____
   _____

Phone_____ Fax _____

Email_____

5. Name of Contact Person
Allyson Browne, SRECTrade, Inc.
Mailing Address
201 California Street, Suite 630
San Francisco, CA 94111

Phone 877-466-4606 Fax 732-453-0065

Email applications@srectrade.com

6. Name of REC/SREC Owner
same as owner
Mailing Address
_____
_____

Phone_____ Fax _____

Email_____

7. List all PJM-EIS GATS State Certification Numbers assigned to this facility:
_____
_____
_____

8. Operational Characteristics:

Fuel Types Used (check all that apply):

☐ Gas combustion from the anaerobic digestion of organic material

☐ Geothermal

☐ Ocean, wave or tidal actions, currents, or thermal differences

☐ Qualified Biomass[i]

☐ Qualified Fuel Cells[ii]

☐ Qualified Hydroelectric[iii]

☐ Qualified Methane Gas captured from a landfill gas recovery system[iv]

☑ Solar

☐ Wind

If co-firing, provide the formula on file with PJM Environmental Information Services, Inc. (PJM-EIS)____n/a_____

Rated Capacity (in megawatts)____0.0044 MW_____

If multiple fuel types are utilized, attach the formula for computing the proportion of output per fuel type by megawatts per hour generated.

Facility **Final Approved Interconnection Date**_10/13/15_____

If co-firing with fossil fuels, co-fire start date_n/a_____

If co-firing with fossil fuels, attach the allocation formula on file with PJM.

9. Is the Applicant's facility customer-sited generation[v]?

   ☑ Yes ☐ No

   Is the Applicant's facility a community owned generating facility[vi]?

   ☐ Yes ☑ No

   Can the output from the customer-sited generation be appropriately metered?

   ☑ Yes ☐ No

I, Allyson Browne (print name) hereby certify under penalty of perjury that

1. I have made reasonable inquiry, and the information contained in this Application is true and correct to the best of my knowledge, information and belief.

2. I am authorized to submit and execute this Application and to bind myself and/or my company to the representations contained herein.

3. I /my company agree(s) to comply with and be subject to the jurisdiction of the Public Service Commission of the State of Delaware for any matters arising out of my submission of this Application or the granting of the Application.

4. In the event that any of the information contained in this Application changes pending the consideration of this Application or after the Application is granted, I/my company will amend the Application to provide the Commission with such changed information.

5. I acknowledge that if any of the representations made in this Application or in any amendment thereto are found to be untrue when made, I/the company may be subject to sanctions, including but not limited to monetary fines and/or the revocation of any Certificate granted as a result of the representations made in this Application.

Signature: Allyson Browne

Date: **12/30/2015**

Required Documentation:

- If the facility is customer-sited generation, attach a copy of the utility's Final Approved Interconnection Agreement

- If the facility is a community-owned energy generating facility, attach a list of contact information (names, address, phone number, fax, and email) of all owners or customers who are sharing the output of the generator.

- One copy of U.S. Department of Energy, Energy Information Administration Form EIA-860, if rated capacity is >1.0 MW

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[i] "Qualified Biomass" means electricity generated from the combustion of biomass that has been cultivated in a sustainable manner as determined by Delaware Department of Natural Resources and Environmental Control (DNREC), and is not combusted to produce energy in a waste to energy facility or in an incinerator.

[ii] "Qualified Fuel Cells" means electricity generated by a fuel cell powered by Renewable Fuels, as that term is defined in Section 1.0 of the Rules and Procedures to Implement the Renewable Energy Portfolio Standard, Delaware Public Service Commission Regulation Docket No. 56.

[iii] "Qualified Hydroelectric" means electricity generated by a hydroelectric facility that has a maximum design capacity of 30 megawatts or less from all generating units combined that meet appropriate environmental standards as determined by DNREC.

[iv] "Qualified Methane Gas" means electricity generated by the combustion of methane gas captured from a landfill gas recovery system; provided, however, that:

1. Increased production of landfill gas from production facilities in operation prior to January 1, 2004 demonstrates a net reduction in total air emissions compared to flaring and leakage;
2. Increased utilization of landfill gas at electric generating facilities in operation prior to January 1, 2004 (i) is used to offset the consumption of coal, oil, or natural gas at those facilities, (ii) does not result in a reduction in the percentage of landfill gas in the facility's average annual fuel mix when calculated using fuel mix measurements for 12 out of any continuous 15 month period during which the electricity is generated, and (iii) causes no net increase in air emissions from the facility; and
3. Facilities installed on or after January 1, 2004 meet or exceed 2004 Federal and State air emission standards, or the Federal and State air emission standards in place on the day the facilities are first put into operation, whichever is higher.

[v] "Customer-sited Generation" means a generating unit that is interconnected on the end use customer's side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the end-use customer.

[vi] "Community-owned Energy Generating Facility" means a renewable energy generating facility that has multiple owners or customers who share the output of the generator, which may be located either as a stand-alone facility or behind the meter of a participating owner or customer. The facility shall be interconnected to the distribution system and operated in parallel with an electric distribution company's transmission and distribution facilities.

Please send CC'd Certification Letter to:
Jeff Burton - Solair LLC
24139 Fishers Point
Millsboro, DE 19966

10. If the Applicant's installation is solar or wind sited in Delaware, is a minimum of 50% of the cost of the renewable energy equipment, inclusive of mounting components, manufactured in Delaware?

☐ Yes* ☒ No

Matt Williams Electric
Company Name of Installer

Signature of Company Representative

25252 Summer Road
Address

Matt Williams
Print Name of Co. Representative

Millsboro, DE 19966
Address

***If Yes, please attach the following documentation:**

- A copy of the supplier's invoice showing Delaware manufactured equipment with this facility identified
  - If the supplier's invoice shows only a coded Purchase Order (PO) number, a copy of the company's matching PO that includes the address where the materials were used/installed, must also be supplied
  - If using a master invoice, a record of the draws against the purchased quantity, on the master invoice, must show the address of each use and the quantity of material used

11. If the Applicant's installation is solar or wind sited in Delaware:

a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?
☒ Yes* ☐ No

b. Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

☐ Yes* ☐ No

Matt Williams Electric
Company Name of Installer

Signature of Company Representative

25252 Summer Road
Address

Matt Williams
Print Name of Co. Representative

Millsboro, DE 19966
Address

***If Yes, please attach supporting documentation (see pages 7-8 for details). Please note, in order to qualify for the Labor/Workforce Bonus, at least one of the options (a. or b.) must be met.**

Documentation Required for Delaware Labor/Workforce Bonus

11. If the Applicant's installation is solar or wind sited in Delaware:

    a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents? Yes

If you answered yes to "a." above, complete the following as evidence.

The following individuals (list every employee) were employed by

Matt Williams Electric, Inc.
Installation Company Name

as direct labor (physical construction and installation) for this facility: (Attach additional sheets if necessary)

Please complete the following information for all individuals listed above:

Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits only)
Matthew D Williams	25252 Summer Road Millsboro, DE 19966	80
Robert E Hassler	30615 Conaway Road Millsboro, DE 19966	47
Eric R Messick	529 East 4th Street Laurel, DE 19956	39

Total Delaware Resident Employees: 3 **Total Number of Employees:** 3

% of Delaware Residents (Delaware Residents Divided by Total Employees): 100%

First State Inspection Agency, Inc.
1001 Mattlind Way
Milford, DE 19963

1-800-468-7338
302-422-3859

Matt Williams Electric
Matthew D. Williams
25252 Summer Rd.
Millsboro, DE 19966

CERTIFICATE

Final Inspection Date:	9-25-15
Application #:	016379
Owner:	
Occupancy:	4 KW Solar Array
Location:	18472 Pettyjohn Rd. Georgetown, Sussex Co., DE

This certifies that the installation of electrical equipment listed on referenced application has been approved as meeting the requirements of the National Electric Code, utility, municipalities and Agency rules. Any modification, addition or alteration of the electrical system, after the date of final inspection, will require a new application for inspections and certifications.

Chief Electrical Inspector

F.S. CERT

Delaware Electric Cooperative

"Owned By Those We Serve"

Generator Interconnection Application

(For Use with Generators 25 kW or Less)

For **applications received on and after September 1, 2010** applicant (Generator Owner) makes application to Delaware Electric Co-op to install and operate a generating facility of 25kW or less interconnected with the Delaware Electric Co-op Power utility system.

Section 1: Applicant Information **Is the following system:** **Leased** [ ] **or** **Member Owned** [X]

Name: Roland Simms

Mailing Address: 18472 Pettyjohn Road

City: Georgetown State: DE Zip Code: 19947

Facility Location (if different from above): _____

Telephone (Daytime): 302-684-5777 (Evening): _____

Delaware Electric Account No.: 9089400 Rate Code: —

Section 2: Generator Technical Information

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

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

GENERATOR (or solar collector) Manufacturer, Model Name & Number: _____

QTY 16 275 watt REC Total Installed Out Power Rating in kW: 4.4kw

INVERTER Manufacturer, Model Name & Number (if used): QTY 16 Enphase M250

Rating in kW: .250 x 16 = 4kw

A manual lockable disconnect device with a visible opening shall be installed within 3 feet of the DEC meter linked to the generating system and accessible at all times by DEC personnel, by and at the cost of the owner.

Section 3: Generator/Equipment Certification

Generating systems that utilize inverter technology must be compliant with *IEEE 1547* 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): Jeff Burton - Solair

Signed (Applicant): Roland A. Simms Date: 08/06/15

Section 4. Preliminary Application Approval (DEC)

DEC hereby grants preliminary approval for the installation as described above. Final approval shall be subject to satisfactory completion of application and interconnection equipment meets all applicable regulations.

Approved by: Tom Wright Date: 9/2/15

Digitally signed by Tom Wright
DN: cn=Tom Wright, o, ou=Delaware Electric Coop, email=twright@decoop.com, c=US
Date: 2015.09.02 13:16:45 -04'00'

Section 5: Installation Details

Generating System will be installed by: Owner [ ] State Licensed Electrician [x]

Installing Electrician: Matt Williams Firm: Matt Williams Electric License No.: T22684L

Mailing Address: 25252 Summer Road

City: Millsboro State: DE Zip Code: 19966

Telephone: Area Code: 302-542-6924 Number: _____

Installation Date: Sept 2015

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

Signed (Inspector): _____ Date: _____

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

Section 6: Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct. I also agree to install a Warning Label provided on or near my service meter location. The system can only be activated upon FINAL Approval by DEC.

Name (print): ROLAND A. SIMMS

Signed (Applicant): Roland A. Simms Date: 8-7-15

Send the completed application to: Delaware Electric, Attn. Tom Wright, P.O. Box 600, Greenwood, Delaware 19950. Email twright@decoop.com, Phone: (302) 349 – 3130, Fax (302) 349-5891.

Sections Below for Delaware Electric Use Only

Section 7: FINAL Approval or Non-Approval

Name: _____ Account No. _____

Inspected By: _____ Date: _____

Delaware Electric Co-op: [X] Has Approved [ ] Has Not Approved this Interconnection Application.

Signature: Tom Wright Digitally signed by Tom Wright DN: cn=Tom Wright, o, ou=Delaware Electric Coop, email=twright@decoop.com, c=US Date: 2015.10.13 09:01:53 -04'00' Date: 10/13/15

Reason of Not Approving: _____

Approval to connect to the Cooperative 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.