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

1. Name of Facility
   Linwood, Timothy Residence - T Linwood

2. Facility Address
   100 East Market Street
   Port Penn, DE 19731

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
   Timothy Linwood
   Mailing Address
   100 East Market Street
   Port Penn, DE 19731

Phone 302 295 3367 Fax _____

Email tlinwood@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)_____0.01197_____

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**____12/7/15_____

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: 03/02/2016

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.

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PART 2

DELAWARE LEVEL 2, 3, & 4 INTERCONNECTION APPLICATION & AGREEMENT

With Terms and Conditions for Interconnection
(Lab Certified Inverter-Based Generator Facilities Greater than 10 kW and Less than or Equal to 2 MW)

(Final Agreement –must be completed after installation and prior to interconnection)

Certificate of Completion

INTERCONNECTION CUSTOMER CONTACT INFORMATION

Customer Name: Timothy Linwood

Mailing Address: 100 E Market Street

City: Port Penn State: DE Zip Code: 19731

Telephone (Daytime): 302-295-3367 (Evening): _____

Facsimile Number: _____ E-Mail Address: tlinwood@hotmail.com

FACILITY INFORMATION

Facility Address: 100 E Market St

City: Port Penn State: DE Zip Code: 19731

DPL Account # of Facility site: 5501 0575 904

Energy Source: Photovoltaics ☐ Prime Mover: Photovoltaics ☐

DC Nameplate Rating: 11.97 (kW) 11970 (kVA), AC Inverter Rating 11.4 (AC kW), AC System Design Capacity: 11.4 (kW) 11400 (kVA)

Generator (or PV Panel) Manufacturer, Model #: SolarWorld 285w MONO

Inverter Manufacturer: Fronius Model # & Rating: PRIMO 7.6 & 3.8

Number of Inverters: 2

EQUIPMENT INSTALLATION CONTRACTOR Check if owner-installed ☐

Name: Alutech United Inc

Mailing Address: 117 Dixon st

City: Selbyville State: DE Zip Code: 19975

Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059

Facsimile Number: 302-436-5100 E-Mail Address: derek@ecshutters.com

FINAL ELECTRIC INSPECTION AND INTERCONNECTION CUSTOMER SIGNATURE

The Small Generator Facility is complete and has been approved by the local electric inspector having jurisdiction. A signed copy of the electric inspector's form indicating final approval is attached. The Interconnection Customer acknowledges that it shall not operate the Small Generator Facility until receipt of the final acceptance and approval by the EDC as provided below.

Signed: _____ Date 12/1/15
(Signature of interconnection customer)

Printed Name: Timothy Linwood

Type of Application: New/Initial ■ Growth/Increase ☐ System Capacity 11.97 KW (DC)

Check if copy of signed electric inspection form is attached (required) ■
Check if copy of as built documents is attached (projects larger than 10 kW only) ■

ACCEPTANCE AND FINAL APPROVAL FOR INTERCONNECTION *(for EDC use only)*

The interconnection agreement is approved and the Small Generator Facility is approved for interconnected operation upon the signing and return of this Certificate of Completion by EDC:

Electric Distribution Company waives Witness Test? *(Initial)* Yes (HC) No (_____)
If not waived, date of successful Witness Test: _____ Passed: *(Initial)* (_____)

EDC Signature: 2015.12.07 13:03:47 -05'00' Date: 12/7/2015

Printed Name: Harry Cabell Title: Acct Coordinator

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

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

Alutech United, Inc.
James Rodrigue
PO Box 329
Selbyville, DE 19975

CERTIFICATE

Final Inspection Date:	11/23/15
Application #:	018255
Owner:	Timothy Linwood-Brown
Customer Job #:	
Occupancy:	11.97 KW Solar Array
Location:	100 East Market Street, Port Penn, New Castle, 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

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

Alutech United
Company Name of Installer

Signature of Company Representative

117 Dixon Str
Address

Selbyville DE 19975
Address

Shelly Culver
Print Name of Co. Representative

***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

Alutech United
Company Name of Installer

Signature of Company Representative

117 Dixon Str
Address

Selbyville DE 19975
Address

Shelly Culver
Print Name of Co. Representative

***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

Alutech United DBA Green Street Solar
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)
* See Attached		

Total Delaware Resident Employees: 19 **Total Number of Employees:** 25

% of Delaware Residents (Delaware Residents Divided by Total Employees): 76%

Documentation Required for Delaware Labor/Workforce Bonus

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

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

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

AlutechUnited DBA GreenStreetSolar
Installation Company Name

employed the following individuals (list EVERY employee on the payroll during the period from project start date until project completion date). Projects are considered complete upon final interconnection approval to operate. (Attach additional sheets if necessary)

Project Start Date: 11/23/2015 Project Complete Date: 12/7/2015

Employee Full Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits Only)

Total Delaware Resident Employees: 19 **Total Number of Employees:** 25

% of Delaware Residents (Delaware Residents Divided by Total Employees): 76%

	NAME	STREET ADDRESS	CITY	ST	ZIP	SS#
1	Jason Roth	32494 Whaleys Way	Laurel	DE	19956	90
2	Jason Killen	32716 Fisher Place	Frankford	DE	19945	18
3	Brian Reed	27849 Avalon Drive	Georgetown	DE	19947	00
4	George Carey	36966 Deer Drive	Selbyville	DE	19975	69
5	Dustin Brittingham	2 Leah Street	Georgetown	DE	19947	01
6	George Pfaller	24501 Cedar Lane	Georgetown	DE	19947	48
7	W. Jeffrey Timmons	133 Kingsbridge Rd.	Rehoboth Beach	DE	19971	52
8	James Webb	629 Gun and Rod Club Road	Harrington	DE	19952	63
9	Donnie Baker	35359 Danny Drive	Laurel	DE	19956	60
10	Adam Ash	34683 Burbage Rd.	Frankford	DE	19945	24
11	Derek Dykes	34041 South Shell Bridge Road	Laurel	DE	19956	74
12	Aaron Woods	713 Hurley Park Drive	Seaford	DE	19973	25
13	Richard Jalot	18540 Sand Hill Rd.	Georgetown	DE	19947	22
14	Daniel Fleetwood	36157 Millers Neck Rd.	Frankford	DE	19945	68
15	Antione Johnson	27542 Holly Hock Lane	Seaford	DE	19973	29
16	David Linehan	26393 Sea Mist Ct.	Millsboro	DE	19966	85
17	Michael Haymond	12640 Beach Hwy.	Greenwood	DE	19950	01
18	John Basch	104 Lakeview Drive	Salisbury	MD	21801	96
19	Russell Pfaller	7167 Chatham Manor Way	Pittsville	MD	21850	98
20	Lisa Bloom	403 143rd Street, Unit 5	Ocean City	MD	21842	74
21	Mark Caldwell	1004 Philadelphia Avenue, Unit 5	Ocean City	MD	21842	20
22	Richie Wright	5637 Caledonia Drive	Salisbury	MD	21801	40
23	Jose Cordoba	Lazy Lagoon Lot 41	Frankford	DE	19945	42
24	Erik Diaz	105 Caroline St. #6	Ocean City	MD	21842	15
25	Cody Perry	112 East Tingle Drive	Selbyville	DE	19975	75

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DELAWARE STANDARD AGREEMENT FOR INTERCONNECTION OF SMALL GENERATOR FACILITIES WITH A CAPACITY GREATER THAN 10 kW AND LESS THAN OR EQUAL TO 2 MW[1]

This agreement ("Agreement") is made and entered into this 18 th day of August by and between Timothy Linwood, ("Interconnection Customer,") a Contract organized and existing under the laws of the State of Delaware, and Delmarva Power, ("Electric Distribution Company", (EDC)) a Contract existing under the laws of the State of Delaware. Interconnection Customer and EDC each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, Interconnection Customer is proposing to, install or direct the installation of a Small Generator Facility, or is proposing a generating capacity addition to an existing Small Generator Facility, consistent with the Interconnection Request completed by Interconnection Customer on 8/18/2015; and

Whereas, the Interconnection Customer will operate and maintain, or cause the operation and maintenance of the Small Generator Facility; and

Whereas, Interconnection Customer desires to interconnect the Small Generator Facility with EDC's Electric Distribution System.

Now, therefore, in consideration of the premises and mutual covenants set forth herein, and other good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the Parties covenant and agree as follows:

1. Scope and Limitations of Agreement

1.1. This Agreement shall be used for all approved Level 2, Level 3 and Level 4 Interconnection Requests according to the procedures set forth in the Delaware Standard Small Generator Interconnection Rule, Title 26 - Public Utilities – Chapter 10. Electric Utility Restructuring §1014.

1.2. This Agreement governs the terms and conditions under which the Small Generator Facility will interconnect to, and operate in Parallel with, the EDC's Electric Distribution System.

1.3. This Agreement does not constitute an agreement to purchase or deliver the Interconnection Customer's power.

[1] **Up to 10 MW for interconnection requests to a radial distribution circuit pursuant to Title 26 – Chapter 10 – §1014.**

10.3. Designated Operating Representative: The Parties may also designate operating representatives to conduct the communications which may be necessary or convenient for the administration of this Agreement. This person will also serve as the point of contact with respect to operations and maintenance of the Party's facilities.

Interconnection Customer's Operating

Representative: Alutech United Inc

Attention: Derek Dykes

Address: 117 Dixon St

City: Selbyville State: DE Zip: 19975

Phone: 800-233-1144 Fax: 302-436-5100 E-Mail derek@ecshutters.com

EDC's Operating Representative:

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

10.4. Changes to the Notice Information: Either Party may change this notice information by giving five business days written notice prior to the effective date of the change.

11. **Signatures**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

For the Interconnection Customer:

Name: Timothy Linwood

Title: Homeowner

Date: 8/18/2015

For EDC:

Name: Harry Cabell 2015.12.07 13:04:51 -05'00'

Title: Acct Coordinator

Date: 12/7/2015