



Case No.: 12-0068-EL-REN

A. Name of Renewable Generating Facility: Lands, William Residence - W Lands

The name specified will appear on the facility's certificate of eligibility issued by the Public Utilities Commission of Ohio.

Facility Location

Street Address: 346 Earl Weber Rd.

City: Berkeley Springs State: WV County: Morgan Zip Code: 25411

Facility Latitude and Longitude

Latitude: 39.577144 Longitude: -78.198414

There are internet mapping tools available to determine the latitude and longitude, if you do not have this information.

If applicable, U.S. Department of Energy, Energy Information Administration Form EIA-860 Plant Name and Plant Code.

EIA-860 Plant Name:

EIA Plant Code:

B. Legal Name of the Facility Owner

Please note that the facility owner name listed will be the name that appears on the certificate. The address provided in this section is where the certificate will be sent.

If the facility has multiple owners, please provide the following information for each on additional sheets.

Legal Name of the Facility Owner: William Lands

Legal Name of Facility Owner Representative (First Name, MI, Last Name): William Lands

Title: Owner

Organization:

Street Address: PO Box 674

City: Berkeley Springs

State: WV

Zip Code: 25411

Phone: 301-646-8326

Fax:

Email Address: wemlands@att.net

Web Site Address:

C. List the name, address, telephone number and web site address under which the Applicant will do business in Ohio.

Legal Name of Facility Owner Representative (First Name, MI, Last Name): William Lands
Title: Owner
Organization:
Street Address: PO Box 674
City: Berkeley Springs State: WV Zip Code: 25411
Phone: 301-646-8326 Fax:
Email Address: wemlands@att.net
Web Site Address:

D. Name of Generation Facility Operating Company:

Name of Generation Facility Operating Company: William Lands
Legal Name of Contact Person (First Name, MI, Last Name): William Lands
Title: Owner
Organization:
Street Address: PO Box 674
City: Berkeley Springs State: WV Zip Code: 25411
Phone: 301-646-8326 Fax: Email Address: wemlands@att.net
Web Site Address (if applicable):

E. Regulatory/Emergency contact

Legal Name of Contact Person (First Name, MI, Last Name): Brad Bowery
Title: CEO
Organization: SRECTrade, Inc.
Street Address: 1100 Cedar Rd. Ste B #107
City: Chesapeake State: VA Zip Code: 23322
Phone: 757-559-1580 Fax: 732-453-0065
Email Address: lisa.wadsworth@srectrade.com
Web Site Address: www.srectrade.com

F. Certification Criteria 1: Deliverability of the Generation into Ohio

Ohio Revised Code (ORC) Sec. 4928.64(B)(3)

The facility must have an interconnection with an electric utility.

Check which of the following applies to the facility's location:

No The facility is located in Ohio.

Yes The facility is located in a state geographically contiguous to Ohio (Indiana, Kentucky, Michigan, Pennsylvania, or West Virginia).

No The facility is located in the following state:

(If the renewable energy resource generation facility is not located in Ohio, Indiana, Kentucky, Michigan, Pennsylvania, or West Virginia, you are required to submit a POWER FLOW study by one of the regional transmission organizations (RTO) operating in Ohio, either PJM or Midwest ISO, demonstrating that the power from the facility is physically deliverable into the state of Ohio. This study must be appended to the application as an exhibit. THE FACILITY MUST BE INTERCONNECTED TO TRANSMISSION LINES. FOR ADDITIONAL INFORMATION ON DELIVERABILITY REQUIREMENTS, PLEASE REFER TO THE COMMISSION FINDING & ORDER of 3/23/11 IN CASE NO. 09-555-EL-REN.)

G. Certification Criteria 2: Qualified Resource or Technology

You should provide information for only one resource or technology on this application; please check and/or fill out only one of the sections below. If you are applying for more than one resource or technology, you will need to complete a separate application for each resource or technology.

G.1. For the resource or technology you identify in Sections G.4 - G.13 below, please provide a written description of the system.

Roof mounted behind the meter solar photovoltaic facility.

G.2. Please include a detailed description of how the output of the facility is going to be measured and verified, including the configuration of the meter(s) and the meter type(s).

The facility has 1 ABB Type AB1R revenue grade meter that will be used to report production to GATS.

G.3. Please submit digital photographs that depict an accurate characterization of the renewable generating facility. Please indicate the date(s) the photographs were taken. For existing facilities, these photographs must be submitted for your application to be reviewed. For proposed facilities or those under construction, photographs will be required to be filed within 30 days of the on-line date of the facility.

November 13, 2011



The Applicant is applying for certification in Ohio for a facility using one of the following qualified resources or technologies (Sec. 4928.01 ORC):

G.4 SOLAR PHOTOVOLTAIC

G.4a Location of the PV array: Yes Roof No Ground No Other

Description:

G.4b Total number of Modules: 33

G.4.1 PV Modules

For each PV module, provide the following information:

G.4.1.a Manufacturer: SolarWorld

G.4.1.b Model and Rating: SW235 at 235 watts

H. Certification Criteria 3: Placed-in-Service Date (Sec. 4928.64. (A)(1) O.R.C.)

The Renewable Energy Facility:

No has a placed-in-service date before January 1, 1998; (month/day/year):

Yes has a placed-in-service date on or after January 1, 1998; (month/day/year): 8/26/11

No has been modified or retrofitted on or after January 1, 1998; (month/day/year):

Please provide a detailed description of the modifications or retrofits made to the facility that rendered it eligible for consideration as a qualified renewable energy resource. In your description, please include the date of initial operation and the date of modification or retrofit to use a qualified renewable resource. Please include this description as an exhibit attached to your application filing and identify the subject matter in the heading of the exhibit.

No Not yet online; projected in-service date (month/day/year):

H.1 Is the renewable energy facility owner a mercantile customer? No

ORC Sec. 4928.01 (19) "Mercantile customer" means a commercial or industrial customer if the electricity consumed is for nonresidential use and the customer consumes more than seven hundred thousand kilowatt hours per year or is part of a national account involving multiple facilities in one or more states.

Has the mercantile customer facility owner committed to integrate the resource under the provisions of Rule 4901:1-39-08 O.A.C? No

If yes, please insert/submit a copy of your approved application as an exhibit to this filing.

I. Facility Information

I.a The nameplate capacity of the entire facility kilowatts (kW): 7.76 or in megawatts (MW): 0.007755

I.b If applicable, what is the expected heat rate of resource used per kWh of net generation:
BTU/kWh

I.1 For each generating unit, provide the following information:

<u>Unit In-Service</u> <u>Date</u>	<u>Unit Nameplate</u> <u>Capacity (MW)</u>	<u>Projected Gross</u> <u>Annual Generation</u>	<u>Expected Annual</u> <u>Capacity Factor %</u>	<u>Number of</u> <u>Generating Units</u>
8/26/11	0.007755	8.91825	13.1	1

$$\text{Capacity Factor \%} = \frac{\text{Projected Annual Generation}}{\text{Nameplate Capacity} \times 8,760} \times 100$$

J. Regional Transmission Organization Information

In which Regional Transmission Organization area is your facility located:

Yes Within Geographic Area of PJM Interconnection, L.L.C.

No Within Geographic Area of Midwest ISO

No Other (specify):

K. Attribute Tracking System Information

Are you currently registered with an attribute tracking system: No

In which attribute tracking system are you currently registered or in which do you intend to register (*the tracking system you identify will be the system the PUCO contacts with your eligibility certification*):

Yes GATS (Generation Attribute Tracking System)

No M-RETS (Midwest Renewable Energy Tracking System)

Other (specify):

K.1 Enter the generation ID number you have been assigned by the tracking system:

(If the generation ID number has not yet been assigned, you will need to file this number in the PUCO Case Docket within 15 days of the facility receiving this number from the tracking system).

L. Other State Certification

Is the facility certified by another state as an eligible generating resource to meet the renewable portfolio standards of that state? No

L.1 If yes, for each state, provide the following information:

<u>Name of State</u>	<u>State Certification Agency</u>	<u>State Certification Number</u>	<u>Date Issued</u>
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M. Type of Generating Facility

Please check all of the following that apply to the facility:

No Utility Generating Facility:

No Investor Owned Utility

No Rural Electric Cooperative

No Municipal System

No Electric Services Company (competitive retail electric service provider certified by the PUCO)

Yes Distributed Generation with a net metering and interconnection agreement with a utility.
Identify the utility: First Energy

No Distributed Generation with both on-site use and wholesale sales.
Identify the utility with which the facility is interconnected:

No Distributed Generation, interconnected without net metering.
Identify the utility with which the facility is interconnected:

N. Meter Specifications

Metering Requirements

If the renewable energy resource generating facility is 6 kW or below, the output may be measured with either an inverter meter or a utility grade meter.

All facilities that are larger than 6 kW must measure the output of the facility with a utility grade meter. Facilities that are larger than 6 kW and that are not measuring output with a utility grade meter will not be certified. OAC 4901:1-40-04 (D)(1)

Please only report on the meter or the meters used to measure the output from the facility which will be reported to the attribute tracking system.

N.a The meter(s) that are measuring output from the facility are:

N Inverter Meter(s)

Y Utility Grade Meter(s) *(Must meet ANSI 12.1, or demonstrate an accuracy level of $\pm 2\%$)*

N.1 Please provide the following information for each meter used in your system.

N.1.a Manufacturer: ABB

N.1.b Serial Number: 91 484 460

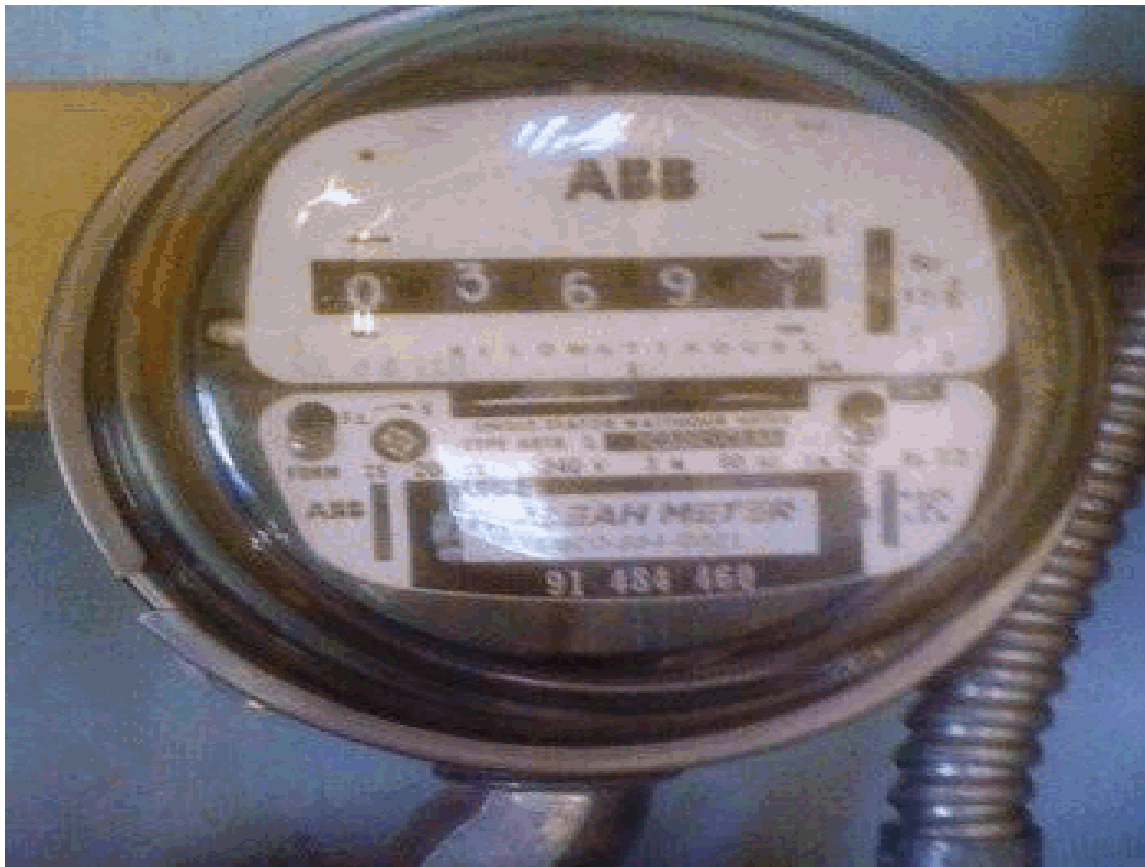
N.1.c Type: AB1R

N.1.d Date of Last Certification: July 06, 2011

Attach a photograph of the meter(s) with date image taken. The meter reading(s) must be clearly visible in the photograph.

N.1.e Report the total meter reading number at the time the photograph was taken and specify the appropriate unit of generation (e.g., kWh): 03691 kWh

March 03, 2012



O. Start date from which applicant requests to begin reporting generation towards the creation of Renewable Energy Credits (RECs) for Ohio's purposes

The start date from which an attribute tracking system will begin to count generation data toward the creation of renewable energy credits for Ohio's purposes will be the date of certificate issuance in the state of Ohio (i.e. generation prior to the date of certification would not be recognized), unless the facility satisfies one of the criterion established in the Commission's June 17, 2009 Entry on Rehearing issued in Case No. 08-888-EL-ORD.

In that Entry, the Commission found it to be appropriate to recognize the creation of RECs back to July 31, 2008, the date in which the Ohio alternative energy portfolio standard law became effective, provided that "The facility was a participant in an existing attribute tracking system during that time or had a meter in place which can accurately demonstrate generation levels from July 31, 2008 forward." (June 17, 2009 Entry on Rehearing at 34.)

(1) Existing attribute tracking system:

- a. For facilities that are currently participating in an attribute tracking system, it is not sufficient to merely be registered with the tracking system; you also must be reporting generation data.
- b. If the facility was a participant in an existing attribute tracking system, please state the specific start date that will be used to recognize historical RECs.

(2) Meter which can accurately demonstrate generation levels from July 31, 2008:

- a. For facilities which have had a meter in place, accurately demonstrating generation levels must include documentation from an electric remote monitoring and reporting system, from the specified start date, and recorded on at least a monthly basis.
- b. If the facility had a meter that accurately demonstrates generation levels, please state the specific start date, and attach documentation from the remote monitoring and reporting system.

Note: An application that leaves section O blank, or does not include the required documentation, will be assigned a start date for Ohio that corresponds with the date of Ohio certification.

If the facility was a participant in an existing attribute tracking system, please state the specific start date, in accordance with the tracking system's rules, that will be used to recognize historical RECs:

If the facility had a meter that accurately demonstrates generation levels, please state the specific start date, and below insert documentation from the remote monitoring and reporting system:

August 26, 2011

Also, in the Commission's Entry on Rehearing, the Commission explained that consistent with its policy on double counting, the Commission "will not retroactively recognize any past RECs which have been sold or otherwise consumed." (June 17, 2009 Entry on Rehearing at 34.)

Has any of the generation of the facility been tracked as RECS that have been sold or otherwise consumed? No



Site Energy Production

Generated for Clay Herzog
on 03/05/2012

Lands, William
Berkely Springs, WV

This report summarizes the daily energy production of the system from 08/26/2011 to 03/04/2012.

Date/Time	Energy Produced (Wh)
08/26/2011	2,291
08/27/2011	32,124
08/28/2011	26,345
08/29/2011	26,261
08/30/2011	26,177
08/31/2011	26,093
09/01/2011	26,008
09/02/2011	25,923
09/03/2011	25,838
09/04/2011	25,753
09/05/2011	25,668
09/06/2011	25,582
09/07/2011	25,496
09/08/2011	25,410
09/09/2011	25,324
09/10/2011	25,237
09/11/2011	25,151
09/12/2011	25,065
09/13/2011	24,978
09/14/2011	24,891
09/15/2011	18,592
09/16/2011	34,779
09/17/2011	21,272
09/18/2011	39,521
09/19/2011	11,487
09/20/2011	24,213
09/21/2011	17,267

09/22/2011	23,973
09/23/2011	7,657
09/24/2011	28,372
09/25/2011	21,230
09/26/2011	15,607
09/27/2011	17,787
09/28/2011	22,219
09/29/2011	28,838
09/30/2011	20,854
10/01/2011	6,620
10/02/2011	11,070
10/03/2011	11,050
10/04/2011	16,674
10/05/2011	39,840
10/06/2011	40,475
10/07/2011	34,660
10/08/2011	38,198
10/09/2011	38,188
10/10/2011	24,679
10/11/2011	13,600
10/12/2011	3,162
10/13/2011	6,046
10/14/2011	15,339
10/15/2011	39,653
10/16/2011	28,717
10/17/2011	38,908
10/18/2011	27,601
10/19/2011	10,806
10/20/2011	13,181
10/21/2011	8,559
10/22/2011	18,397
10/23/2011	33,080
10/24/2011	16,429
10/25/2011	35,302
10/26/2011	8,716
10/27/2011	3,407
10/28/2011	22,013
10/29/2011	0
10/30/2011	3,600
10/31/2011	6,244
11/01/2011	29,522
11/02/2011	33,824

11/03/2011	30,951
11/04/2011	25,802
11/05/2011	35,129
11/06/2011	34,476
11/07/2011	33,398
11/08/2011	32,968
11/09/2011	32,749
11/10/2011	9,526
11/11/2011	20,229
11/12/2011	31,478
11/13/2011	18,746
11/14/2011	14,517
11/15/2011	2,272
11/16/2011	2,398
11/17/2011	8,462
11/18/2011	31,830
11/19/2011	30,385
11/20/2011	8,449
11/21/2011	2,606
11/22/2011	1,475
11/23/2011	6,129
11/24/2011	29,797
11/25/2011	29,639
11/26/2011	19,212
11/27/2011	21,077
11/28/2011	7,530
11/29/2011	6,243
11/30/2011	7,973
12/01/2011	29,267
12/02/2011	27,394
12/03/2011	26,155
12/04/2011	27,006
12/05/2011	13,516
12/06/2011	2,929
12/07/2011	1,307
12/08/2011	26,126
12/09/2011	26,559
12/10/2011	27,909
12/11/2011	28,598
12/12/2011	18,627
12/13/2011	26,853

12/14/2011	6,172
12/15/2011	3,392
12/16/2011	7,874
12/17/2011	5,416
12/18/2011	10,011
12/19/2011	17,882
12/20/2011	2,592
12/21/2011	2,917
12/22/2011	14,636
12/23/2011	6,361
12/24/2011	16,956
12/25/2011	27,922
12/26/2011	17,301
12/27/2011	1,159
12/28/2011	10,698
12/29/2011	4,938
12/30/2011	7,580
12/31/2011	7,042
01/01/2012	14,679
01/02/2012	9,693
01/03/2012	13,616
01/04/2012	8,790
01/05/2012	23,434
01/06/2012	26,791
01/07/2012	20,803
01/08/2012	15,192
01/09/2012	11,093
01/10/2012	27,737
01/11/2012	5,177
01/12/2012	16,808
01/13/2012	20,341
01/14/2012	24,896
01/15/2012	31,007
01/16/2012	22,331
01/17/2012	4,563
01/18/2012	15,993
01/19/2012	23,187
01/20/2012	20,331
01/21/2012	135
01/22/2012	106
01/23/2012	890
01/24/2012	18,521

01/25/2012	26,302
01/26/2012	2,909
01/27/2012	9,802
01/28/2012	18,543
01/29/2012	24,769
01/30/2012	31,864
01/31/2012	27,087
02/01/2012	13,059
02/02/2012	17,960
02/03/2012	34,040
02/04/2012	6,097
02/05/2012	6,316
02/06/2012	36,002
02/07/2012	35,046
02/08/2012	5,094
02/09/2012	34,171
02/10/2012	16,700
02/11/2012	3,806
02/12/2012	13,551
02/13/2012	37,023
02/14/2012	17,011
02/15/2012	25,456
02/16/2012	4,103
02/17/2012	35,540
02/18/2012	36,523
02/19/2012	23,115
02/20/2012	40,537
02/21/2012	18,246
02/22/2012	28,344
02/23/2012	31,367
02/24/2012	8,426
02/25/2012	24,238
02/26/2012	39,909
02/27/2012	34,764
02/28/2012	39,938
02/29/2012	4,264
03/01/2012	37,120
03/02/2012	19,303
03/03/2012	37,085
03/04/2012	20,513
Total	3,817,453

Case No.: 12-0068-EL-REN

AFFIDAVITState of VA:Chesapeake ss.
(Town)County of Chesapeake :Brad Bowery, Affiant, being duly sworn/affirmed according to law, deposes and says that:

1. I am the duly authorized representative of William Lands.
2. I have personally examined and am familiar with all information contained in the foregoing application, including any exhibits and attachments, and that based upon my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.
3. The facility has obtained or will obtain and will maintain all required local, state and federal environmental permits.
4. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature of Affiant & Title, CEO, SRECTradeSworn and subscribed before me this 2nd day of January, 2012 Month/Year
Signature of official administering oath

Print Name and Title

LISA CHRISTINA WADSWORTH NOTARY PUBLIC REGISTRATION # 7309276 COMMONWEALTH OF VIRGINIA MY COMMISSION EXPIRES JANUARY 31, 2014

My commission expires on 1/31/2014

The Public Utilities Commission of Ohio reserves the right to verify the accuracy of the data reported to the tracking system and to the PUCO.

Version: June 15, 2011

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in

Case No(s). 12-0068-EL-REN

Summary: Application Lands, William Residence - W Lands electronically filed by Mr. Brad Bowery on behalf of Mr. William Lands