



Case No.: 10-313-EL-REN

A. Name of Renewable Generating Facility:

Discovery Solar Farm

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

Facility Location

Street Address: Culls Drive and Co Road 649
City: Cheriton State: VA Zip Code: 23429

Facility Latitude and Longitude

Latitude: 37degrees 16'41.11"N

Longitude: 75 degrees 57'31.48"W

EIA-860 Plant Name: *To be provided within 30 days of on-line date*

EIA Plant Code: *To be provided within 30 days of on-line date*

B. Name of the Facility Owner:

The project will be owned by an entity which will be created and provided to PUCO within 30 days of on-line date

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.

Applicant's Legal Name (First Name, MI, Last Name): Joseph D. Jordan

Title: Project Development Director

Organization: Lincoln Renewable Energy, LLC

Street Address: One North Wacker Drive Suite 4800

City: Chicago State: IL Zip Code: 60606

Country: USA

Phone: 312.422.1334 Fax: 312.422.2424 Email Address: jjordan@lrenergy.com
Web Site Address (if applicable): www.lrenergy.com

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

To be provided within 30 days of on-line date

D. Name of Generation Facility Operating Company:

To be provided within 30 days of on-line date

E. Contact person for regulatory or emergency matters

Legal Name of Contact Person (First Name, MI, Last Name): Joseph D. Jordan

Title: Project Development Director

Organization: Lincoln Renewable Energy, LLC

Street Address: One North Wacker Drive Suite 4800

City: Chicago **State:** IL **Zip Code:** 60606

Country: USA

Phone: 312.422.1334 **Fax:** 312.422.2424 **Email Address:** jjordan@lrenergy.com

Web Site Address (if applicable): www.lrenergy.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 your facility's location:

- ☐ The facility is located in Ohio.
- ☐ The facility is located in a state geographically contiguous to Ohio (Indiana, Kentucky, Michigan, Pennsylvania, or West Virginia).
- ☒ The facility is located in the following state: Virginia, see Exhibit 1 which demonstrates that the power from the facility is physically deliverable into the state of Ohio

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 study by one of the regional transmission organizations (RTO) operating in Ohio, either PJM or Midwest ISO, demonstrating that the power from your facility is physically deliverable into the state of Ohio. The study may be conducted by someone other than the RTO provided that the RTO approves the study. This study must be appended to your application as an exhibit.

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.

LRE has worked with its engineering partner to design an optimal system lay-out that complies with all permitting requirements. Further, the lay-out utilizes a standard block configuration to optimize construction cost and long-term operations and maintenance considerations. The project will deploy approximately 80,000-100,000 panels from one of several identified vendors. Each panel will have a rated capacity of approximately 240-280 watts. Panels are typically backed by a 25-year manufacturer's warranty.

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 in question will be metered in strict compliance with the regulations set forth by PJM. These requirements can be seen in Section 4: Data Exchange and Metering Requirements of PJM Manual 14D: Generator Operational Requirements. The facility will also incorporate any additional requirements that are set forth in the Interconnection Service Agreement that will be executed prior to COD.

G.3. Please attach 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.

To be provided within 30 days of facility on-line date

The Applicant is applying for certification in Ohio based on the following qualified resource or technology (Sec. 4928.01 O.R.C.):

G.4 X SOLAR PHOTOVOLTAIC

Total PV Capacity (DC): 24.1

Total PV Capacity (AC): 20

Expected Capacity Factor: 19.3%

Anticipated Annual output in kWh/yr: 33,813,600

Location of the PV array: ___ Roof X Ground ___ Other

of Modules and/or size of the array: *To be provided within 30 days of on-line date*

G.4a PV Modules

For each PV module, provide the following information:

To be provided within 30 days of on-line date

H. Certification Criteria 3: Placed in Service Date

(Sec. 4928.64. (A)(1) O.R.C.)

The Renewable Energy Facility:

___ has a placed-in-service date before January 1, 1998; (month/day/year):

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

___ 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.

X Not yet online; projected in-service date (month/day/year): 8/15/2011

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.

I. Facility Information

The nameplate capacity of the entire facility in megawatts (MW): 20 MW (AC)

If applicable, what is the expected heat rate of resource used per kWh of net generation:

N/A BTU/kWh

Number of Generating Units: N/A

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

In-Service date of each unit	The nameplate capacity of each unit in megawatts (MW)	Projected Annual Generation	Expected Annual Capacity Factor %
8/15/2011	20 MW (AC)	33,813 MWh	19.3%

(To expand the number of rows if more units need to be reported, place your cursor in the bottom right cell and hit tab).

J. Regional Transmission Organization Information

In which Regional Transmission Organization area is your facility located:

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

☐ Within Geographic Area of Midwest ISO

☐ Other (specify):

K. Attribute Tracking System Information

Are you currently registered with an attribute tracking system: ☐ Yes ☒ 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*):

☒ GATS (Generation Attribute Tracking System)

☐ M-RETS (Midwest Renewable Energy Tracking System)

☐ Other (specify):

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

To be provided within 15 days of receiving number

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?

☐ Yes

☒ No

M. Type of Generating Facility

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

- ☐ Utility Generating Facility:
 - ☐ Investor Owned Utility
 - ☐ Rural Electric Cooperative
 - ☐ Municipal System
- ☐ Electric Services Company (competitive retail electric service provider certified by the PUCO)
- ☐ Distributed Generation with a net metering and interconnection agreement with a utility.
Identify the utility:
- ☐ Distributed Generation with both on-site use and wholesale sales.
Identify the utility with which the facility is interconnected:
- ☒ Distributed Generation, interconnected without net metering.
Identify the utility with which the facility is interconnected: PJM/ODEC

Note: if the facility does not yet have an interconnection agreement with a utility or transmission system operator, please note here the status of the application for such an agreement:

Interconnection Status

Study/Agreements	Status	Completion Date
Interconnection Application	Complete	Jul-2009
Feasibility Study	Complete, no issues identified	Oct-2009
System Impact Study	In Process	Mar-2010
Facility Study	Contingent upon System Impact Study	Apr-2010
Generator Special Facilities Agreement and Generator Interconnection Agreement	Contingent upon Facility Study	May-2010

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.

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

☐ Inverter Meter(s)

☒ Utility Grade Meter(s)

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

To be provided within 30 days of on-line date

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: December 10, 2009



Exhibit 1 – Deliverability of Power into the State of Ohio

To:

Ohio Public Utility Commission

From:

Joe Jordan
Project Development Director
Lincoln Renewable Energy
312.422.1334
jjordan@lrenergy.com

Subsequent to conversations with PJM it has been determined that power produced by any generator on the PJM transmission grid is deliverable into Ohio. Further, we learned that PJM has provided a Distribution Factor Analysis (DFAX) to the Ohio Public Utilities Commission (PUC) that proves the deliverability of power into Ohio from Virginia.

PJM has no provisions or plans to test or certify individual renewable energy generators to confirm delivery of power into Ohio due to the fact that PJM's process ensures that the power connected to its grid is deliverable to any state that is part of the PJM-managed transmission grid.



Public Utilities
Commission

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AFFIDAVIT

State of Illinois:

Chicago

County of Cook:

John Jones, Affiant, being duly sworn/affirmed according to law, deposes and says that:


1. I am the duly authorized representative of Lincoln Renewable Energy, LLC which is the current owner and developer of Discovery Solar Farm.
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. Prior to operation the facility will obtain and 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.



John Jones
Chief Operating Officer



Sworn and subscribed before me this 12th day of March, 2010.



Signature of official administering oath

Dawn Browning - Exec. Asst.
Print Name and Title

My commission expires on 9/01/10

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

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in

Case No(s). 10-0313-EL-REN

Summary: Application Application for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility electronically filed by Mr. Joseph D. Jordan on behalf of Lincoln Renewable Energy, LLC and Mr. Joseph D. Jordan