



Washington State
Department of
Commerce

**Washington State
Energy Independence Act**

**Application for Advisory Opinion and
Renewable Energy Facility (WREGIS)
Certification**

commerce.wa.gov/eia

All information provided in this application or any supplemental or additional materials is subject to public disclosure.

FACILITY NAME: **Orchard Windfarm 2**
WREGIS Generating Unit ID (if already registered): **W10842**

A separate Washington application is required for each generating unit with a separate WREGIS GU ID. Applicant must select Washington in WREGIS generating unit registration.

Section 1: Agency Action Requested

Advisory Opinion and WREGIS Certification Advisory Opinion Only

Section 2: Applicant Information

Applicant Contact: Adam Young	Title: Commercial Asset Manager
Applicant Phone: 212-478-0000	
Applicant E-mail: desri-rec@world.deshaw.com	
Applicant Company Name: D.E. Shaw Renewable Investments, LLC	
Company Address: 1166 Avenue of the Americas, 9th Floor	
City: New York	State/Province: NY
Zip Code: 10036	Country: USA

Section 3: Facility Information

Facility Owner

Name of Facility Owner: **Orchard Windfarm 2, LLC**
OR The Facility Owner is the same as the Applicant.

Address: **1166 Avenue of the Americas, 9th Floor**
City/State/ZIP: **New York/NY/10036**

Contact Name, Phone, and Email: **Adam Young, 212-478-0000, desri-rec@world.deshaw.com**

Facility Identification and Location

Unit Name: **Orchard Windfarm 2**
Facility Name: **Orchard Windfarm 2**

Unit location (street address, legal description, or GPS coordinates):
73751 Alpine Lane,

City: Lexington	County: Morrow
State/Province: Oregon	Zip: 97839 Country: USA

Provide a description of the facility.

Orchard Windfarm 2 is a 10.0 MW project with GE 2.5-127 wind turbines each rated at 2.5 MW. The facility began commercial operation on 28th December 2020. The facility is registered with WREGIS.

Facility Identification Numbers (enter any applicable)

WREGIS Generating Unit ID: W10842		Other External ID: QF ID - 16593002	
EIA Utility Code:		EIA Plant Code: 64051	
Section 4: Facility Eligibility			
A. Facility Profile			
Nameplate Capacity (MW): 10.0			
If this value will change, please explain:			
Commercial Operation Date (COD): 12 / 28 / 2020			
Is your facility considered repowered by WREGIS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, please explain:			
B. Facility Fuel			
Indicate each energy source used by the facility. For definitions, refer to RCW 19.285.030 . For multi-fuel generating facilities indicate all fuels used.			
<input checked="" type="checkbox"/>	Wind	<input type="checkbox"/>	Wave power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Ocean power
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Tidal power
<input type="checkbox"/>	Landfill gas	<input type="checkbox"/>	Gas from sewage treatment facility
<input type="checkbox"/>	Biomass energy (must complete Section 5)	<input type="checkbox"/>	Biodiesel fuel (must complete Section 6)
<input type="checkbox"/>	Water (must complete Section 7)	<input type="checkbox"/>	Other (please specify):
Will the facility use any fossil fuel or other non-qualifying fuel? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<ul style="list-style-type: none"> ▪ Type of fossil fuel or other non-qualifying fuel: ▪ Average annual amount of non-qualifying fuel used (percent of net heat input): 			
Section 5: Biomass Energy Supplement (complete only if “biomass energy” is checked in Section 4)			
Allowed Fuel Sources. Indicate each source of biomass energy used by the facility.			
<input type="checkbox"/>	Organic by-products of pulping and the wood manufacturing process	<input type="checkbox"/>	Food waste and food processing residuals
<input type="checkbox"/>	Animal manure	<input type="checkbox"/>	Liquors derived from algae
<input type="checkbox"/>	Solid organic fuels from wood	<input type="checkbox"/>	Dedicated energy crops
<input type="checkbox"/>	Forest or field residues	<input type="checkbox"/>	Yard waste
<input type="checkbox"/>	Untreated wooden demolition or construction debris		
Prohibited Fuel Sources. The following materials will NOT be used as a source of biomass energy by the facility.			
<input type="checkbox"/>	Wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic	<input type="checkbox"/>	Wood from old growth forests
		<input type="checkbox"/>	Municipal solid waste
Legacy Biomass. The Washington Energy Independence Act allows a biomass energy facility commencing operation before March 31, 1999 to qualify as an eligible renewable resource in certain circumstances. Contact Commerce to obtain application requirements.			

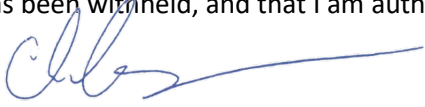
Section 6: Biodiesel Fuel Supplement (complete only if “biodiesel fuel” is checked in Section 4)	
The biodiesel fuel used by the facility meets each of the identified conditions:	
<input type="checkbox"/>	The fuel (a) is a mono alkyl ester of long chain fatty acids derived from vegetable oils or animal fats for use in compression-ignition engines and (b) meets the requirements of the American society of testing and materials specification D 6751 in effect as of January 1, 2003.
<input type="checkbox"/>	The fuel is NOT from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006.
Section 7: Water/Hydroelectric Power (complete only if “water” is checked in Section 4)	
The facility uses water as a fuel in the following manner:	
<input type="checkbox"/>	Incremental Hydro. Incremental electricity produced as a result of efficiency improvements completed after March 31, 1999, to hydroelectric generation projects owned by a qualifying utility or marketed by the Bonneville Power Administration and located in the Pacific Northwest, where the additional generation does not result in new water diversions or impoundments.
	Date efficiency improvement completed:
	Project owner: <input type="checkbox"/> Check if electricity is marketed by the Bonneville Power Administration
	Method of measuring incremental generation:
<input type="checkbox"/>	Incremental generation is separately metered or measured.
<input type="checkbox"/>	Incremental generation is modeled each year based on actual stream flows.
<input type="checkbox"/>	Incremental generation is modeled as a fixed percentage of total generation. Fixed percentage: %
<input type="checkbox"/>	Incremental generation is modeled as a fixed generation amount. Fixed amount: megawatt-hours
	Note: If any box but the first is checked, the facility must register in WREGIS as a multi-fuel facility. Non-incremental generation will be classified as Large Hydro (LHN) and excluded from certificate creation.
<input type="checkbox"/>	Canal or pipe. Hydroelectric generation from a project completed after March 31, 1999, where the generation facility is located in irrigation pipes, irrigation canals, water pipes whose primary purpose is for conveyance of water for municipal use, and wastewater pipes located in Washington where the generation does not result in new water diversions or impoundments.
Section 8: Eligibility for Washington Multipliers (Optional)	
The facility qualifies for the following multipliers under the Washington Energy Independence Act:	
<input type="checkbox"/>	Distributed Generation. The facility has a generating capacity of 5 MW or less and is not part of any integrated cluster of facilities with an aggregate generating capacity of 5 MW or more.
<input type="checkbox"/>	Apprentice Labor. The facility commenced operation after December 31, 2005 and in construction used an apprenticeship program approved by the Washington State Apprenticeship and Training Council.
NOTE: Commerce requests optional multiplier eligibility from facility owners for informational purposes only. Owners seeking certification of a facility as eligible for a multiplier should contact Commerce for application requirements.	

Section 9: Reservation

The Washington Department of Commerce makes a determination of resource eligibility under the Washington Energy Independence Act based on the information provided by the applicant and does not independently verify that information. An applicant must promptly notify Commerce of any changes to the information submitted for certification that may affect the facility's eligibility. Commerce reserves the right to modify or withdraw a designation if it determines that the information supplied by the applicant was incomplete or inaccurate.

Section 10: Attestation

I declare that the information provided in this application and any supplemental forms and attachments are true and correct to the best of my knowledge, that the information contained in this submission is consistent with information on file with WREGIS unless otherwise indicated, that no information materially affecting the facility's eligibility has been withheld, and that I am authorized to file this submission on the facility owner's behalf.

Signature: 

Date Signed: **06/01/2021**

Authorized Officer/Agent: **Christopher Clevenger**

Officer Title and Company: **Authorized Signatory**

Name of Facility: **Orchard Windfarm 2**

Application Checklist for Submission

Applicants must select the Washington program administrator in the generating unit's WREGIS static data.

Applicants should ensure that the following documents are provided:

1. Electronic copy of entire application, including a signed attestation page.
2. WREGIS "static data" if the facility is already registered in WREGIS. A printout of your generator account profile screen in WREGIS.
3. Optional project background documentation. Background documentation can be submitted or published in regulatory settings (FERC or state commission filings) or informal forums (websites, articles or factsheets).
4. Payment of advisory opinion fee of **\$1,250**. A separate application and application fee are required for each generating unit. However, if a facility owner has multiple WREGIS generating unit IDs for a single facility and all the static characteristics of the facility (other than the generating capacity) are identical, it may request that Commerce treat the combined generating units as a single application. The owner must document at the time of application that all GU IDs are part of a single facility in a single location. If GU IDs are added later, a separate application will be required.

To submit your facility for certification, e-mail the application and any supplemental materials listed above to (wregis@commerce.wa.gov). Commerce will provide payment instructions after receiving the application.

Commerce will post each application on its website. Applications are subject to a public comment period.



Washington State
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Commerce

Advisory Opinion and WREGIS Certification

(to be completed by Commerce)

It is the opinion of the Washington Department of Commerce that the facility identified in this application meets the statutory legal standard for an eligible renewable resource as defined in RCW 19.285.030, based on the factors set out below. The facility will be designated in WREGIS as an eligible renewable resource under the Washington Energy Independence Act:

Facility Name:		WREGIS GU ID:	
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<input type="checkbox"/>	The fuel source for the facility is identified in RCW 19.285.030 as renewable energy:		
<input type="checkbox"/>	Wind	<input type="checkbox"/>	Wave, ocean, or tidal power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Gas from sewage treatment facilities
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Biodiesel fuel
<input type="checkbox"/>	Landfill gas	<input type="checkbox"/>	Biomass energy
<input type="checkbox"/>	Water (incremental efficiency hydro)	<input type="checkbox"/>	Water (pipe or canal)

<input type="checkbox"/>	The facility commenced operation after March 31, 1999, as required by RCW 19.285.030.
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<input type="checkbox"/>	The facility is located in the Pacific Northwest, or the electricity from the facility is delivered into Washington state on a real-time basis without shaping, storage, or integration services, as required by RCW 19.285.030.
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Additional Provisions:

Washington Certification Number:

WASHINGTON STATE DEPARTMENT OF COMMERCE

Director or Designee

Date