



Oregon

Tina Kotek, Governor



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To: Energy Facility Siting Council

From: Bibi Bartley, Policy and Operations Analyst

Date: September 5, 2025

Subject: Agenda Item B (Information Item): ORESA Mapping Tool Tutorial Presentation for the September 19, 2025 EFSC Meeting

SUMMARY

This will be a short presentation on the ORESA mapping tool. The presentation will highlight the updated platform and how to navigate the tool.

ORES Map:

[ORES Oregon Renewable Energy Siting Assessment](#)

Presentation Areas of Focus:

- Finding and turning on the EFSC layers
- Changing basemaps
- Exploring layer options
- Changing layer transparency
- Exploring other aspects of the tool; example Natural Resource Considerations
- Exploring the 'Tools' feature, including measuring, uploading new layers, downloading a report, sharing a report

Review of Map Layers

The ORESA tool works off of map layers, there are 12 primary layers and each layer has sub layers, and those sub layers contain more sub layers. You have the ability to turn on or off as many of the layers as you would like.

- Military Training Areas
- Energy
 - Energy Infrastructure
 - Oregon Energy Facility Siting Council (EFSC) Facilities
- Natural Resource Considerations
- Community Considerations
- National Register of Historic Places
- Administrative Boundaries and Planning
- Land Cover and Ownership
- Transportation

- National Security UAS Flight Restrictions
- Subsea Cables
- Weather Radar Stations
- VFR Sectionals

Project Pages

Each EFSC project page has a link to ORESA. The link from each page will open up the ORESA Map to that specific project polygon on the ORESA map.

[Oregon Department of Energy](#) / [Energy Facilities & Safety](#) / [Facilities](#) / [Biglow Canyon Wind Farm](#)

Biglow Canyon Wind Farm

ENERGY FACILITY SITING COUNCIL

ENERGY FACILITIES

FACILITIES UNDER REVIEW

►BIGLOW CANYON WIND FARM

BOARDMAN COAL PLANT

BUCKLEY SOLAR FACILITY

CARTY GENERATING STATION

CASCADE RENEWABLE TRANSMISSION SYSTEM

DESCHUTES SOLAR AND BATTERY ENERGY STORAGE SYSTEM FACILITY

LEANING JUNIPER IIB WIND POWER FACILITY

HEPPNER WIND PROJECT

MUDDY CREEK ENERGY PARK

SUMMIT RIDGE RENEWABLE ENERGY FACILITY

SUNRISE SOLAR AND STORAGE PROJECTS

SUNSET SOLAR PROJECT

SUNSTONE SOLAR PROJECT (FKA ECHO SOLAR PROJECT)

UMATILLA-MORROW COUNTY CONNECT PROJECT

YELLOW ROSEBUSH ENERGY CENTER

FACILITY SITING IN OREGON

Site Description: Biglow Canyon Wind Farm is an operational wind energy facility located within a site boundary comprised of approximately 25,000 acres (39 square miles). The facility consists of 217 wind turbines, with a maximum blade tip height of 445 feet, and a peak generating capacity of 450 megawatts (MW).

Status:
Operating/Under Review.
In accordance with a requirement of the Wildlife Monitoring and Mitigation Plan (Site Certificate Condition 61), The certificate holder's 2024 Wildlife Monitoring, Habitat Mitigation and Revegetation Report is provided below. The Department has posted these results for public review and is accepting comments on the 2024 Wildlife Monitoring results through August 18, 2024. Please submit comments to Sarah Esterson at sarah.esterson@energy.oregon.gov.

On April 21, 2025, the Department received the certificate holder's preliminary Request for Amendment 4 of the Site Certificate. In the Request, the certificate holder seeks approval to construct a solar photovoltaic power generation facility with up to 385 MW of generating capacity, battery energy storage systems with up to 375 MW of discharge capacity, and other related or supporting facilities within a 3,980-acre (6.2 square-mile) solar micro-siting area at the site. The proposed solar micro-siting area includes 2,571 acres (4.0 square miles) within the approved site boundary and 1,409 acres (2.2 square miles) that would be added to the site by the requested amendment. The Request for Amendment is being processed under the Council's Type A review process. A hearing and public comment period will be held when the Department issues its Draft Proposed Order on the request.

Location: Sherman County, approximately 2.5 miles northeast of Wasco.
[PDF Map](#) [Online Map](#)

Applicant/Certificate holder: Portland General Electric

ODOE contact: [Christopher Clark](#)

Applicant/Certificate holder contact: [Chris Bozzini](#)

Contact the Facility Siting Team:

503-378-4040
800-221-8035
energy.siting@oregon.gov

[Sign Up For Email Updates](#)

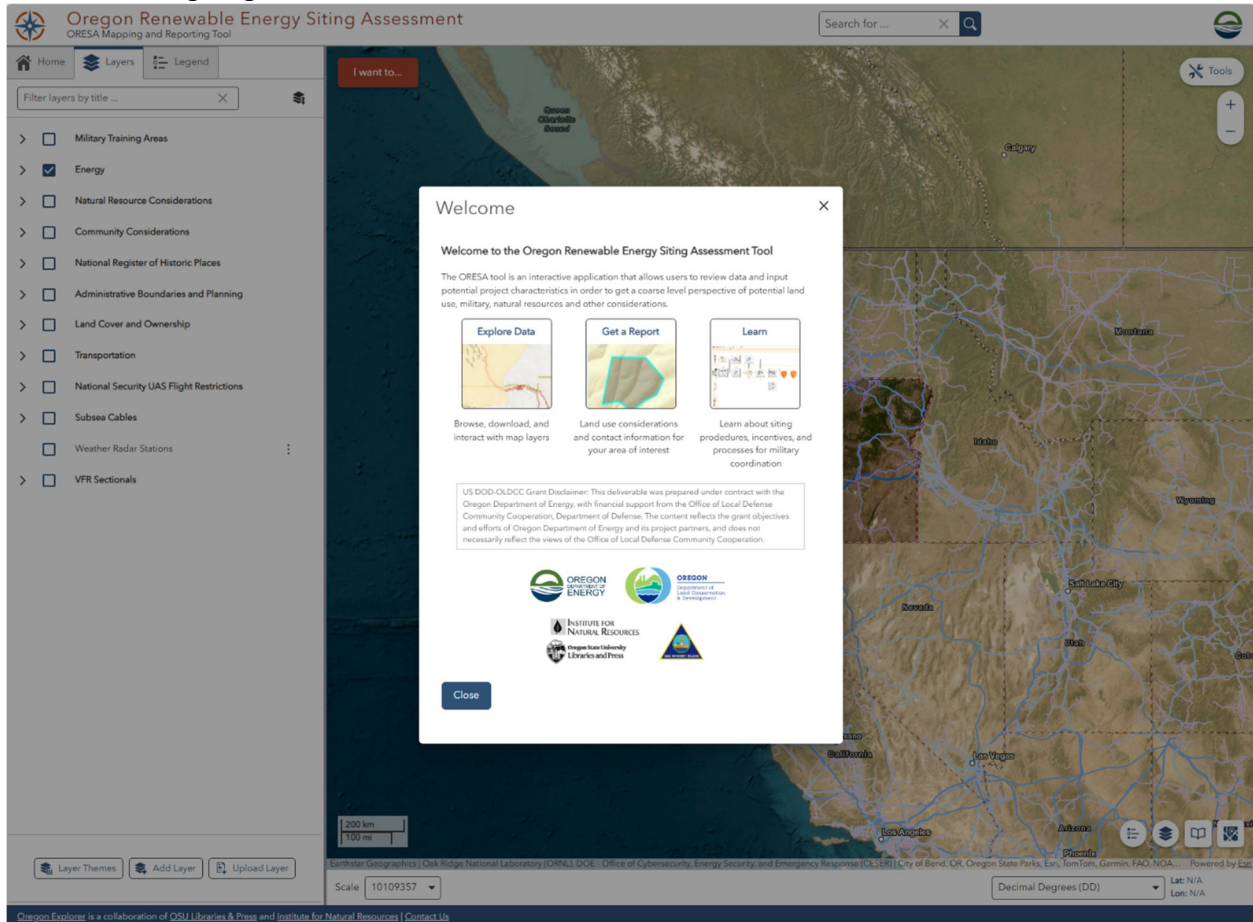
[About the Site Certificate Process](#)
[Site Certificate Process Flowchart](#)
[Expedited Review Process Flowchart](#)

EXHIBIT FILES REFERENCE

Exhibit A: Applicant Information
Exhibit B: Project Description
Exhibit C: Property Location and Maps
Exhibit D: Organizational Information
Exhibit E: Permits Required
Exhibit F: Property Ownership
Exhibit G: Materials Analysis
Exhibit H: Geology and Soil Stability
Exhibit I: Soils
Exhibit J: Wetlands
Exhibit K: Land Use
Exhibit L: Protected Areas
Exhibit M: Financial Analysis
Exhibit N: Non-generating Facility Information
Exhibit O: Water Requirements
Exhibit P: Fish Wildlife Habitat
Exhibit Q: Threatened and Endangered Plants and Animals
Exhibit R: Scenic Aesthetic Values

Project Amendment(s)

ORESA Landing Page



Explore Data: Browse, download, and interact with map layers. This is the area the presentation will be focused on, as it is the primary way to view and interact with the EFSC layers.

Get a Report: Land use considerations and contact information for your areas of interest. This is where you can run a report regarding potential areas for renewable energy development.

Learn: Learn more about the ORESA tool, processes for military coordination, how and why the ORESA tool was created and links to the Siting processes.