Oregon Energy Facility Siting
Project Updates: December 2023

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ENERGY FACILITIES AT A GLANCE

New Energy Facilities – 9 Proposed Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nolin Hills Wind Power Project</td>
<td>Appeal</td>
<td>Council Final Order Appealed to Oregon Supreme Court by Umatilla County</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>Sunstone Solar Project</td>
<td>Preliminary ASC</td>
<td>Department is reviewing the preliminary ASC, identifying information needs and coordinating with reviewing agencies</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Wagon Trail Solar Project</td>
<td>Preliminary ASC</td>
<td>Applicant is revising the preliminary ASC</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Archway Solar Energy Facility</td>
<td>Preliminary ASC</td>
<td>Revised pASC temporarily on hold</td>
<td>Lake County</td>
</tr>
<tr>
<td>Cascade Renewable Transmission System</td>
<td>NOI</td>
<td>Preliminary ASC must be submitted by March 2025</td>
<td>Wasco, Hood River, and Multnomah counties</td>
</tr>
<tr>
<td>Lone Pine to Whetstone Transmission Line</td>
<td>NOI</td>
<td>Project modified to no longer be EFSC jurisdictional</td>
<td>Jackson County and City of Medford</td>
</tr>
<tr>
<td>Muddy Creek Energy Park</td>
<td>NOI</td>
<td>Preliminary ASC must be submitted by May 2025</td>
<td>Linn County</td>
</tr>
<tr>
<td>Yellow Rosebush Energy Center</td>
<td>NOI</td>
<td>The comment period on the NOI closed on December 1, 2023</td>
<td>Wasco and Sherman counties</td>
</tr>
</tbody>
</table>
## New Energy Facilities – 9 Proposed Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Umatilla-Morrow County Connect Project</td>
<td>NOI</td>
<td>The comment period on the NOI closed on December 1, 2023</td>
<td>Morrow and Umatilla counties</td>
</tr>
</tbody>
</table>

## Approved Energy Facilities – 6 Proposed Amendments, 4 Under Construction

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obsidian Solar Facility Amendment #1</td>
<td>Proposed Order</td>
<td>Council approved amendment on November 17, 2023</td>
<td>Lake County</td>
</tr>
<tr>
<td>Boardman to Hemingway Transmission Line Amendment #2</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review; agency coordination ongoing</td>
<td>Morrow, Umatilla, Union, Baker, and Malheur counties</td>
</tr>
<tr>
<td>Wheatridge Renewable Energy Facility East Amendment #1</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review; agency coordination ongoing</td>
<td>Umatilla and Morrow counties</td>
</tr>
<tr>
<td>Leaning Juniper IIA Wind Power Facility</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review; agency coordination on-going</td>
<td>Gilliam County</td>
</tr>
<tr>
<td>Summit Ridge Wind Farm Amendment #6</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review; agency coordination on-going</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Eugene to Medford Transmission Line Amendment #4</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review on hold</td>
<td>Jackson and Josephine counties, City of Rogue River</td>
</tr>
<tr>
<td>Summit Ridge Wind Farm</td>
<td>Under Construction</td>
<td>Phase 1 - Access Road Improvements complete</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Bakeoven Solar Project</td>
<td>Under Construction</td>
<td>Anticipated completion (partial) in Dec. 2023, remainder in Q1 2024.</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Daybreak Solar Project</td>
<td>Under Construction</td>
<td>Anticipated completion in Q1 2024.</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Carty Generating Station</td>
<td>Under Construction/Operational</td>
<td>Anticipated completion of administration building is October 2023.</td>
<td>Morrow County</td>
</tr>
</tbody>
</table>

## Amendment Determination Requests – 0 Requests

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type B Review Amendment Determination Requests</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
<td></td>
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</table>

**Amendment Determination**

None
## State Jurisdictional Renewable Energy Projects Summary*

<table>
<thead>
<tr>
<th>Status</th>
<th>Wind MW</th>
<th>Solar MW</th>
<th>Solar Footprint Acres/Square Miles</th>
<th>Total MW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>2,719</td>
<td>212</td>
<td>1,546/2.41</td>
<td>2,931</td>
</tr>
<tr>
<td>In Construction</td>
<td>194</td>
<td>200</td>
<td>3,087/4.6</td>
<td>394</td>
</tr>
<tr>
<td>Approved but Not Built - Approval Still Valid</td>
<td>761</td>
<td>1,117</td>
<td>12,871/20.11</td>
<td>1,878</td>
</tr>
<tr>
<td>Under Review</td>
<td>1,201</td>
<td>4,571</td>
<td>29,363/45.8</td>
<td>5,772</td>
</tr>
<tr>
<td>Total</td>
<td>4,875</td>
<td>6,100</td>
<td>46,867/72.92</td>
<td>10,975</td>
</tr>
</tbody>
</table>

*There are 31 individual renewable energy facilities. However, some may include more than one type of renewable energy type and/or may be constructed in phases and therefore fall into more than one status category.

## Federal Energy Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Lead Agency</th>
<th>Status</th>
<th>Location</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coyote Springs Compressor Station</td>
<td>FERC</td>
<td>Operational</td>
<td>Morrow County</td>
<td>N/A</td>
</tr>
<tr>
<td>Lower Klamath Project Surrender and Removal</td>
<td>FERC</td>
<td>Construction</td>
<td>Klamath County, OR and Siskiyou County, CA</td>
<td>N/A</td>
</tr>
<tr>
<td>Swan Lake North Pumped Storage</td>
<td>FERC</td>
<td>Pre-construction</td>
<td>Klamath County</td>
<td>FAST-41 Dashboard</td>
</tr>
<tr>
<td>Boardman to Hemingway Transmission Line</td>
<td>BLM</td>
<td>Environmental Review and Permitting - In Progress</td>
<td>Morrow, Umatilla, Union, Baker, and Malheur counties</td>
<td>FAST-41 Dashboard</td>
</tr>
<tr>
<td>GTN Express Project</td>
<td>FERC</td>
<td>Final EIS Issued</td>
<td>Oregon, Washington, and Idaho</td>
<td>N/A</td>
</tr>
<tr>
<td>Goldendale Energy Storage Project</td>
<td>FERC</td>
<td>Application Review and Environmental Impact Statement</td>
<td>Sherman County, Washington</td>
<td>N/A</td>
</tr>
<tr>
<td>Utility-Scale Solar Programmatic EIS</td>
<td>BLM</td>
<td>Notice of Intent/NEPA Analysis</td>
<td>Western States</td>
<td>BLM NEPA Register</td>
</tr>
<tr>
<td>North Umpqua Hydro Pumped Storage Project</td>
<td>FERC</td>
<td>Amendment Review/Initial Consultation Document</td>
<td>Douglas County</td>
<td>N/A</td>
</tr>
<tr>
<td>Owyhee Pumped Storage Project</td>
<td>FERC</td>
<td>Notice of Intent</td>
<td>Malheur County</td>
<td>N/A</td>
</tr>
<tr>
<td>Crooked Creek Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
<td>Lake County</td>
<td>N/A</td>
</tr>
<tr>
<td>Winter Ridge Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
<td>Lake County</td>
<td>N/A</td>
</tr>
<tr>
<td>Elephant Rock Pumped Storage Project</td>
<td>FERC</td>
<td>Preliminary Permit Application</td>
<td>Curry County</td>
<td>N/A</td>
</tr>
<tr>
<td>Soldier Camp Pumped Storage Project</td>
<td>FERC</td>
<td>Preliminary Permit Application</td>
<td>Curry County</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Compliance Inspections - Click on the project name for more information.

<table>
<thead>
<tr>
<th>Facility</th>
<th>Inspection Date</th>
<th>Inspection Type</th>
<th>Findings and/or comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>LJ IIA</td>
<td>Oct 10, 2023</td>
<td>Operational</td>
<td>Inspection report intended to be issued December, 2023</td>
</tr>
<tr>
<td>LJIIIB</td>
<td>Oct 10, 2023</td>
<td>Operational</td>
<td>Inspection report intended to be issued December, 2023</td>
</tr>
<tr>
<td>SWP</td>
<td>Oct 11, 2023</td>
<td>Operational</td>
<td>Inspection report intended to be issued December, 2023</td>
</tr>
<tr>
<td>KCP</td>
<td>Nov 16, 2023</td>
<td>Operational</td>
<td>Inspection report intended to be issued December, 2023</td>
</tr>
<tr>
<td>HGP</td>
<td>Dec 7, 2023</td>
<td>Operational</td>
<td>Inspection report intended to be issued December, 2023</td>
</tr>
</tbody>
</table>

ACTIVE STATE ENERGY FACILITY PROJECTS
Click on the project name for more information.

Proposed Energy Facilities

**Nolin Hills Wind Power Project**
**Facility Description:** A 600-megawatt (MW) wind and solar energy generation facility in Umatilla County. Wind facility components are approved to be located within a 13,767-acre micrositing area; the solar facility components are authorized to use or occupy up to 1,896 acres (2.9 sq. miles). The certificate holder is Nolin Hills Wind, LLC, a subsidiary of Capital Power Corporation.
**Phase:** Appeal
**What's New:** Prior to the deadline, Umatilla County appealed the Council’s Final Order approving the request for site certificate to the Oregon Supreme Court.
**Looking Forward:** Per ORS 469.403(6), the Oregon Supreme Court shall render a decision within six months of the filing of the petition for review.

**Sunstone Solar Project (formerly Echo Solar Project)**
**Facility Description:** Solar energy facility with a nominal generating capacity of up to 1,200 MW to use or occupy up to 10,900 acres (17.03 sq. miles) of predominately cultivated land in Morrow County. The facility is proposed by Sunstone Solar, LLC, a subsidiary of Pine Gate Renewables, LLC.
**Phase:** Preliminary Application for Site Certificate
**What's New:** N/A
**Looking Forward:** The Department will complete its review of the preliminary application following receipt of responses to all outstanding requests for additional information and will prepare the Draft Proposed Order in coordination with state agencies, local governments, and interested tribes.

**Wagon Trail Solar Project**
**Facility Description:** Solar energy generation facility with a nominal generating capacity of up to 500 MW to use or occupy up to 7,450 acres (11.64 sq. miles) in Morrow County. The facility is proposed by Wheatridge East Wind, LLC, a wholly owned subsidiary of NextEra Energy Resources, LLC.
**Phase:** Preliminary Application for Site Certificate
What’s New: On November 17, 2023, the Department issued a third batch of Requests for Additional Information.

Looking Forward: The Department is drafting the Draft Proposed Order based on information received to date and expects responses to outstanding information requests in December 2023.

Archway Solar Energy Facility
Facility Description: Solar energy generation facility with a nominal generating capacity of up to 400 MW top use or occupy up to 4,300 acres (6.7 sq. miles) in Lake County. The applicant is Archway Solar Energy, LLC, a subsidiary of Invenergy Solar Development North America, LLC.
Phase: Preliminary Application for Site Certificate
What’s New: The applicant indicated that the facility layout was being redesigned resulting from additional survey work at the proposed site. The Department’s review is on hold until applicant provides revised information.
Looking Forward: N/A

Cascade Renewable Transmission System
Facility Description: 320-kV direct current transmission line sited mostly in the bed of the Columbia River between The Dalles and Portland on both the Oregon and Washington sides of the river. Other proposed components include two converter stations and overhead transmission lines to connect to the endpoint substations. The facility is proposed by Cascade Renewable Transmission, LLC. The project will also require federal and Washington State approval.
Phase: Notice of Intent
What’s New: N/A
Looking Forward: The applicant has indicated that it intends to submit the preliminary Application for Site Certificate in April 2024.

Lone Pine to Whetstone 230 kV Transmission Line
Facility Description: 230 kV transmission line connecting existing Whetstone and Lone Pine Substations. There are two proposed routes approximately 10 and 12.1 miles long near the city of Medford and White City in Jackson County. The facility is proposed by PacifiCorp.
Phase: Notice of Intent
What’s New: The applicant has modified the proposed route based on comments received and assessments conducted and requested an EFSC jurisdictional determination based on revised route if under 10.0 miles. The Department reviewed the jurisdictional determination and notified the applicant that with proposed modifications, the facility is no longer EFSC jurisdictional.
Looking Forward: The applicant notified the Department of its decision to leave the NOI active until it expires in April 2025.

Muddy Creek Energy Park
Facility Description: Solar energy facility with a nominal generating capacity of up to 199 MWs to use or occupy up to 1,588 acres (2.5 sq. miles) of predominately cultivated land in Linn County, approximately 8 miles south of the city of Brownsville. The facility is proposed by Muddy Creek Energy Park LLC, a subsidiary of Hanwha Q Cells USA Corp.
Phase: Notice of Intent
What’s New:  N/A
Looking Forward: The applicant must submit its preliminary Application for Site Certificate by May 2025.

Yellow Rosebush Energy Center
Facility Description: Solar energy facility with a nominal generating capacity of up to 800 MWs to use or occupy up to 8,075 acres (12.6 sq. miles) of exclusive farm use zoned land in Wasco and Sherman counties. Related and supporting facilities include battery storage and a 500 kV gen-tie line. The facility is proposed by Yellow Rosebush Energy Center, LLC, a subsidiary of Savion, LLC.
Phase: Notice of Intent
What’s New: The Notice of Intent public comment period closed on December 1, 2023. The Department held an in-person public informational meeting at the Imperial River Company meeting room in Maupin on November 2, 2023. The meeting was also virtual. A meeting recording is available on the project page.
Looking Forward: The Department is coordinating with reviewing agencies and preparing the Project Order. The Department will issue the Project Order on or before February 15, 2024.

Umatilla-Morrow County Connect Project
Facility Description: 230 kV transmission line connecting Umatilla Electric Cooperative’s (UEC) existing Highway 730 Switchyard to UEC’s planned Ordnance Switchyard. There are four route alternatives ranging from approximately 13.1 to 14.4 miles. The facility is proposed by UEC.
Phase: Notice of Intent
What’s New: The Notice of Intent public comment period closed on December 1, 2023. The Department held an in-person public informational meeting at the Port of Morrow Riverfront Center in Boardman on November 1, 2023. The meeting was also virtual. A meeting recording is available on the project page.
Looking Forward: The Department is coordinating with reviewing agencies and preparing the Project Order. The Department will issue the Project Order on or before February 15, 2024.

Approved Energy Facilities - Requests for Amendment

Obsidian Solar Center Amendment #1
Facility Description: An approved but not yet constructed solar energy generation facility with a nominal generating capacity of 400 MW, located within a site boundary of approximately 3,921 acres (6.1 sq. miles). The certificate holder is Obsidian Solar Center LLC, a wholly owned subsidiary of Obsidian Renewables LLC.
Amendment Description: 1) expand the facility site boundary 169 acres in order to accommodate an alternative location for the facility Generation Step Up (GSU) substation and Point of Interconnection (POI); 2) increase to the length and voltage of the gen-tie transmission line from approximately 2 miles to up to 3.2 miles and from 115-kV to 138-kV; and 3) a change to the electric collection system within the photovoltaic (PV) array to increase the voltage from 34.5-kV to 138-kV and bring overhead approximately 2.3 miles of the approved collection line.
Review Process: Type A
Phase: Final Order
**What’s New:** Council reviewed the Proposed Order and adopted it as the Final Order at the November 17, 2023 EFSC meeting.

**Looking Forward:** The Department is preparing the Final Order and First Amended Site Certificate for issuance in December 2023.

**Boardman to Hemingway Transmission Line Amendment #2**

**Facility Description:** An approved but not yet constructed 500 kV single circuit electrical transmission line approximately 300 miles in length (273 miles in Oregon). The certificate holder is Idaho Power Company (IPC).

**Amendment Description:** 1) Add approximately 4,142 acres to the site boundary to allow road and transmission line adjustments; 2) Construction and operation of a midline series capacitor substation; and 3) Changes to site certificate conditions.

**Review Process:** Type A

**Phase:** Preliminary Request for Amendment

**What's New:** N/A

**Looking Forward:** Responses to the Department’s requests for additional information have been submitted on an ongoing basis. The Department continues to review the preliminary Request for Amendment, issue requests for additional information and coordinate with the certificate holder and reviewing agencies while drafting the Draft Proposed Order.

**Wheatridge Renewable Energy Facility East Amendment #1**

**Facility Description:** An approved but not yet constructed 200-megawatt (MW) wind energy generation facility, to be located within an approximately 4,582-acre (7.2 sq. mile) site boundary in Umatilla County.

**Amendment Description:** 1) Expand the approved site boundary by 75,084 (117.3 sq. miles); 2) Expand the approved micrositing corridor by approximately 9,612 acres (15 sq. miles); 3) Construct up to 40 additional wind turbines (for a total of 106 turbines); 4) Increase facility capacity from 200 to 300 MWs; 5) Add two alternative transmission line route segments; and 6) Extend the deadline for construction completion by 3 years.

**Review Process:** Type A

**Phase:** Preliminary Request for Amendment

**What's New:** N/A

**Looking Forward:** The Department will complete its review of the preliminary Request for Amendment following receipt of responses to all outstanding requests for additional information and will prepare the Draft Proposed Order in coordination with state agencies, local governments, and interested tribes.

**Leaning Juniper IIA Wind Power Facility #3**

**Facility Description:** 90 MW operational wind energy facility in Gilliam County.

**Amendment Description:** 1) Replace the turbine rotors (nose cone, hub, and blades), the turbine nacelle and its interior elements (gearbox, oil cooler, drive shaft, pitch drive), and refurbish the turbine generators from 2.1 MW per turbine up to 2.5 MW on 36 of the 43 existing turbines; 2) Reinforce turbine foundations with upgraded collars and remove and replace the existing pad-mounted transformers and pads within the existing turbine footprint; 3) Install a new 34.5-kilovolt (kV) collector line system within existing micrositing corridors; and 4) Decommission three
turbines, reducing the number of operating turbines to 40 turbines. Of the 40 turbines, 36 will be repowered as part of RFA3; no changes are proposed to four of the original Suzlon turbines.

**Review Process:** Type A  
**Phase:** Preliminary Request for Amendment  
**What’s New:** On November 21, 2023, the Department notified the Applicant that the preliminary Request for Amendment was incomplete and requested additional information needed to complete its evaluation of compliance with applicable laws, rules, and standards.  
**Looking Forward:** The Department will continue its review of the preliminary Request for Amendment, coordinate with the certificate holder and reviewing agencies while drafting the Draft Proposed Order.

### Summit Ridge Wind Farm Amendment #6

**Facility Description:** Approved, partially constructed wind energy facility in Wasco County.  
**Amendment Description:** 1) Decrease the size of the site boundary from 11,000 to 4,662 acres; 2) reduce the total number of wind turbines to be constructed from 72 to 32; 3) increase maximum specifications for hub, rotor and blade tip height; 4) construct and operate up to 47 MWs of solar energy generation equipment; 5) construct and operate up to 47 MWs of battery energy storage; 6) extend the construction completion deadline; and 7) amend existing site certificate conditions.  
**Review Process:** Type A  
**Phase:** Preliminary Request for Amendment  
**What’s New:** N/A  
**Looking Forward:** On November 14, 2023, the applicant requested more time to respond to Requests for Additional Information.

### Eugene to Medford Transmission Line Amendment #4

**Facility Description:** Operational 137-mile, 500-kilovolt transmission line between the Meridian Substation near Medford, and the Spencer Switching Station south of Eugene. The facility was built in the early 1990s. The site certificate holder is PacifiCorp.  
**Amendment Description:** 1) Expand the site boundary from approximately 23,975 to 24,463 acres; 2) decommission an existing 115 kV transmission line; 3) construct and operate a new 17.6-mile 230 kV transmission line to be double circuited with the existing 115 kV transmission line; 4) add a new 500/230 kV substation (Sam’s Valley substation); 5) upgrade the existing Grants Pass substation to accommodate the termination of the new proposed 230 kV transmission line; 6) reconductor a 4.9-mile segment of existing 230 kV transmission line; and 7) substantially modify an existing access roads. The amendment components are collectively referred to by PacifiCorp as the Sams Valley Reinforcement Project.  
**Review Process:** Type A  
**Phase:** Preliminary Request for Amendment  
**What’s New:** N/A  
**Looking Forward:** Review of the amendment request and issuance of a Draft Proposed Order is on hold pending an update on the federal review process from the certificate holder.
Amendment Determination Requests (subject to requirements of OAR 345-027-0357)

None

Approved Facilities Under Construction

Summit Ridge Wind Farm
Approved Facility: Wind power generation facility with a nominal generation capacity of up to 194.4 MW.
Construction Deadlines: August 19, 2020 (commencement); August 19, 2023 (completion)*
*prFA6 was submitted on August 17, 2023. prFA6 includes a request for approval to extend the completion deadline. Submission of prFA6 prior to the August 19, 2023 deadline stays the deadline.
Construction Status: Construction of wind turbine string access road modifications commenced on August 6, 2020, and is complete. Currently, the construction phase of the project is paused. The certificate holder must fulfill all applicable pre-construction requirements prior to constructing additional phases of the facility.

Bakeoven Solar Project
Approved Facility: Solar photovoltaic energy generation facility with a generating capacity of 60 MW being constructed on 497 acres (.77 sq. miles).
Construction Deadlines: April 24, 2023 (commencement); April 24, 2026 (completion)
Construction Status: Construction of transmission line and 60 MWs of solar photovoltaic energy generation equipment commenced in July/August 2021; construction is anticipated to be complete by December 2023. Majority of construction crew left the site on December 16, 2022, due to a solar panel shortage and delays in delivery. Construction crews remobilized on site in August 2023. Construction is forecasted to be partially complete by December 2023, with circuits 1 and 2 operational. Remainder of panels anticipated to be installed and complete in Q1 2024.

Daybreak Solar Project
Approved Facility: Solar photovoltaic energy generation facility with a generating capacity of 140 MW being constructed on 1,622 acres (2.5 sq. miles).
Construction Deadlines: April 24, 2023 (commencement); April 24, 2026 (completion)
Construction Status: Construction of the related or supporting facilities and 140 MWs of solar photovoltaic energy generation equipment commenced in July/August 2021; construction is anticipated to be complete by December 2023. Majority of construction crew left the site on December 16, 2022, due to a solar panel shortage and delays in delivery. Construction crews remobilized on site in August 2023. Construction is forecasted to be complete in Q1 2024.

Carty Generating Station
Components To Be Constructed: 60’ x 100’ x 20’ office and warehouse space (approved in the Final Order on Amendment #2) located on the eastern side of Unit 1 (existing 450 MW natural-gas facility)
Construction Deadlines: December 6, 2023 (commencement); December 6, 2026 (completion)
Construction Status: Construction of the office and warehouse space commenced in November 2022 was completed in November 2023.
ACTIVE FEDERAL ENERGY FACILITY PROJECTS

Click on the project name for more information.

Lower Klamath Project Surrender and Removal (no ODOE web page)
Facility Description: FERC license surrender, decommissioning, and removal of four dams along the Klamath River with a total capacity of 163 MW. The J.C. Boyle dam is located in Klamath County, OR. The Copco No.1, Copco No. 2, and Iron Gate dams are located in Siskiyou County, CA.
What's New: N/A
Looking Forward: The applicant will work on completing the preconstruction requirements of the order approving license surrender for the remaining developments prior to commencing additional dam removal activities.

Swan Lake North Pumped Storage (no ODOE web page)
Facility Description: A 393.3 MW pumped-hydro storage project located approximately 11 miles northeast of Klamath Falls, OR, including: an upper and lower reservoir with active storage capacities of 2,562 and 2,581 acre-feet, respectively; a high-pressure penstock; three low-pressure penstocks; a powerhouse; a substation; and a 32.8-mile-long, 230-kilovolt transmission line.
What's New: N/A
Looking Forward: The license holder is working to complete the pre-construction requirements of its FERC license.

Boardman to Hemingway Transmission Line (B2H)
Facility Description: A new 500kV, single circuit electric transmission line from a proposed substation near Boardman, OR to the Hemingway substation near Melba, ID. BLM is the lead agency for this FAST-41 project.
What’s New: N/A
Looking Forward: The final two of nine remaining federal environmental review and permitting processes are the Use Authorization (DOI-BOR) and Section 404 Clean Water Act permits (ACE).

GTN Express Project (no ODOE web page)
Facility Description: Compressor station upgrades to the existing 1377-mile Gas Transmission Northwest interstate natural gas pipeline, which crosses Oregon, Washington, and Idaho, adding approximately 150,000 dekatherms per day of additional capacity. Upgrades in Oregon consist of expanding the compressor station and installing 4 new gas cooling bays and associated piping at the Kent Compressor Station in Sherman County. The Kent Compressor Station would also be uprated by means of a software upgrade only from 14,300 to 23,470 horsepower.
What’s New: N/A
Looking Forward: FERC will review the final EIS and will issue an order to either approve or deny authorization of the project.

Goldendale Energy Storage Project (no ODOE web page)
Facility Description: A 1200 MW closed loop pumped-hydro storage project located approximately
10 miles SE of Goldendale, Washington, at the John Day Dam on the Columbia River. About 12% of the 649.3 acres in the Project Boundary fall within the Bonneville Power Association - Oregon right-of-way. The project includes upper and lower reservoirs, each with active storage capacity of 7100 acre-feet; a water conveyance system; an underground powerhouse; and a transmission interconnection to BPA’s John Day Substation.

**What's New:** N/A

**Looking Forward:** FERC intends to issue the final Environmental Impact Statement in the coming months.

### BLM Programmatic EIS for Utility-Scale Solar (no ODOE web page)

**Project Description:** The Bureau of Land Management (BLM) is proposing to amend the resource management plan (RMP) and to prepare an associated programmatic environmental impact statement (EIS) for utility scale solar energy planning on lands that are managed by BLM. The purpose of the amendment is to expand solar energy planning to additional western states including Oregon; increase opportunities for responsible renewable energy development; and to develop appropriate criteria to exclude high-value resource areas from renewable energy development.

**What's New:** N/A

**Looking Forward:** BLM will publish a draft programmatic EIS.

### North Umpqua Hydro Pumped Storage Project (no ODOE web page)

**Facility Description:** Amendment to the license for the North Umpqua Hydroelectric Project which would allow the applicant to create up to 11 MW of pumped storage generation by connecting the existing Toketee reservoir and Fish Creek forebay. New infrastructure will include an approximately 969 foot long, 48-inch conduit connecting the Toketee and Fish Creek penstocks. A second project would create an additional 26 MW open-loop pumped storage system by connecting the existing Toketee Reservoir with an expanded Clearwater No. 2 forebay. This second project would include a new intake on Toketee Reservoir, pumphouse, reversible pump-turbine, and penstock extension, in addition to the expansion of the existing Clearwater No. 2 forebay.

**What's New:** N/A

**Looking Forward:** FERC will evaluate the amendment application.

### Owyhee Pumped Storage Project (no ODOE web page)

**Facility Description:** A 600 MW pumped-hydro storage project located adjacent to the existing Lake Owyhee, approximately 11 miles southwest of Adrian, OR and includes: an upper reservoir with active storage capacity of 3410 acre-feet, an underground powerhouse, a substation, and a 3.1-mile project transmission line which would intersect the Summer Lake - Hemingway 500 kV transmission line. The existing Lake Owyhee would serve as the facility's lower reservoir.

**What's New:** N/A

**Looking Forward:** The applicant will prepare their application to FERC using the Integrated Licensing Process.

### Crooked Creek Pumped Storage Project (no ODOE web page)

**Facility Description:** A 500 MW closed loop pumped-hydro storage project located near Valley
Falls in Lake County. The project includes an upper reservoir with a surface area of 52 acres and a storage volume of approximately 2,344 acre-feet; a lower reservoir with a surface area of 50 acres and a storage volume of approximately 2,052 acre-feet; a 19.7-mile, 500-kilovolt transmission line interconnecting to PacifiCorp’s existing Mile Hi substation in Lakeview, Oregon; plus, penstock, powerhouse/pump station, generating/pumping units, underground pipeline, and appurtenant facilities.

What's New: N/A
Looking Forward: The applicant will conduct a feasibility study and determine if they wish to file a license application with FERC.

Winter Ridge Pumped Storage Project (no ODOE web page)
Facility Description: A 500 MW closed loop pumped-hydro storage project located near Summer Lake and Paisley in Lake County. The project includes an upper reservoir approximately two miles west of Summer Lake with a surface area of 85 acres and a storage volume of approximately 4285 acre-feet; a lower reservoir with a surface area of 43.6 acres and a storage volume of approximately 2156 acre-feet; a 9.3-mile, 500-kilovolt transmission line interconnecting to PacifiCorp’s jointly owned Sycan substation; plus penstock, powerhouse/pump station, generating/pumping units, underground pipeline, and appurtenant facilities. Note: In an alternate version, the lower reservoir would have a surface area of 50 acres and a storage volume of approximately 2000 acre-feet, and the length of the transmission line would be 9.8 miles.

What's New: N/A
Looking Forward: The applicant will conduct a feasibility study and determine if they wish to file a license application with FERC.

Elephant Rock Pumped Storage Project (no ODOE web page)
Facility Description: A 318 MW closed loop pumped-hydro storage project located in Curry County, near the Sixes River, approximately 12.5 miles east-northeast of Port Orford. It would consist of an upper reservoir with a storage volume of 3,605 acre-feet; an 820-foot-long, 24-foot diameter vertical shaft that connects the upper reservoir to a 4,200-foot-long horizontal power tunnel, leading to the powerhouse; a 60-ft high, 40-foot-diameter steel surge tower connected to the power tunnel upstream of the powerhouse; a 100-foot-wide, 500-foot-long, 100-foot-high reinforced-concrete powerhouse with four pump-turbine units, that discharge into the lower reservoir; a lower reservoir, with a storage volume of 3,605 acre-feet; and a 15-mile-long, 230 kV overhead transmission line extending from the powerhouse to the existing substation on Elk River Road, approximately 3 miles northeast of Port Orford. Both the upper and lower reservoirs would be created by zoned rockfill embankment dikes approximately 70 feet high and 7,200 feet in circumference. The project would have an annual generation capacity of 929,000 megawatt-hours.

What’s New: N/A
Looking Forward: FERC will evaluate the preliminary permit application.

Soldier Camp Creek Pumped Storage Project (no ODOE web page)
Facility Description: A 550 MW closed loop pumped-hydro storage project located on Lobster Creek in Curry County, approximately 4 miles north of the Rogue River. It would include an upper reservoir with a storage volume of approximately 3,000 acre-feet created by a 5,600-foot-long, 70-foot-high rockfill embankment ring dike; a lower reservoir with a storage volume of approximately
3,000 acre-feet created by a 5,700-foot-long, 70-foot-high rockfill embankment ring dike; a 1,825 foot-long steel and concrete penstock with a diameter of 22-feet; a 550-foot-long, 120-foot-wide concrete powerhouse/pump station located on the lower reservoir shoreline containing 6 generating/pumping units; an approximate 13-mile, 230-kilovolt (kV) transmission line that would interconnect to the regional transmission grid; and appurtenant facilities. The proposed project would generate an estimated annual average of 1,606 gigawatt-hours.

**What’s New:** N/A

**Looking Forward:** FERC will evaluate the preliminary permit application.

ODOE Siting division tracks other federal facility projects for informational purposes. Those federal facility updates are available on ODOE’s website.

**ACTIVE COUNTY HB 2329 SOLAR PV AND WIND PROJECTS**

House Bill 2329 was passed during the 2019 legislative session. The bill increased the jurisdictional threshold for solar PV energy facilities that can be permitted by local governments to:

1) 160 acres on high value farmland;
2) 1,280 acres (2 square miles) on land that is predominantly cultivated or soils classes I-IV; and
3) 1,920 acres (3 square miles) on other land.

Included in the legislation are additional permitting standards beyond those that are otherwise required for smaller solar PV facilities under LCDC land use rules, as well as a notification requirement to the Oregon Department of Energy, and other agencies. Additionally, the bill also increased the megawatt (MW) threshold for wind energy facilities subject to permitting by local governments from 105 MW peak capacity to 150 MW peak capacity. The full text of the bill is available online: [https://olis.oregonlegislature.gov/liz/2019R1/Downloads/MeasureDocument/HB2329/Enrolled](https://olis.oregonlegislature.gov/liz/2019R1/Downloads/MeasureDocument/HB2329/Enrolled)

The Siting Division provides current HB 2329 projects as it receives notices of them. Please note that the Siting Division and EFSC have no jurisdiction over these projects and are including these projects for informational purposes only.

**Webster Road Solar Farm**

**Facility Description:** A new solar energy facility on a maximum of 320 acres proposed by Webster Road Solar Farm II, LLC, a wholly owned subsidiary of New Sun Energy. The project would be located northeast of the intersection of Fort Rock Road and Webster Road in northwestern Lake County.

**What's New:** The Lake County Planning Commission approved the application on October 17, 2023.

**Looking Forward:** The Lake County Board of Commissioners will hold a hearing on the Goal Exception portion of the request at an upcoming meeting.

More information on this project is available at: [https://www.lakecountyor.org/government/land_use_planning.php](https://www.lakecountyor.org/government/land_use_planning.php)
RULEMAKING

Click on the project name for more information. Please submit any rulemaking questions, issues, or topics you would like to be considered to EFSC.Rulemaking@energy.oregon.gov. You can sign up for updates on the Council’s rulemaking activities here.

Radioactive Waste Materials

Description: **SB 246 (2021)** provides Council with the authority to modify the types of materials that are considered to be "radioactive waste" under ORS 469.300 by rule; requires Council to adopt standards and rules necessary to prevent disposal of radioactive waste in Oregon; and provides the Department and Council with additional authority for the administration and enforcement of laws related to disposal of radioactive waste. This rulemaking project will identify proposed revisions to OAR chapter 345, division 050, and other rules to implement the new law and to ensure that Oregon’s regulation of radioactive wastes is based on the best available science and comparable to standards being established in other states.

**What’s New:** Staff presented feedback from the public comment period and the proposed final rules at the Council’s November 17, 2023 meeting. Council adopted the rules as proposed and staff filed the final rules with the Secretary of State the same day.

**Looking Forward:** N/A

Contested Case Rulemaking

Description: This rulemaking project will identify proposed revisions to the contested case rules found in OAR chapter 345, division 015. One key reason for engaging in this rulemaking now is to implement lessons learned from recent contested case proceedings. The rulemaking is intended to: 1) improve the efficiency of the contested case process; 2) adopt Office of Administrative Hearings rules where it makes sense to do so; and 3) identify and remedy areas where existing rules do not provide sufficient clarity.

**What’s New:** Siting analysts have reviewed a redline of the draft proposed Contested Case rules and have met twice to discuss them internally.

**Looking Forward:** Staff intend to create a new redline of the Contested Case rules that reflects the two internal meetings and provide an opportunity for additional review by the siting analysts. Once this process is complete, the updated draft redline of the Contested Case rules will be sent to Rulemaking Advisory Committee (RAC) members. Staff will then schedule a third RAC meeting to discuss this latest draft of the rules.

Standby Generator Rulemaking

Description: This rulemaking project is intended to implement HB 2063 (2021) by removing requirements for persons proposing to construct a standby generator to request exemption.

**What’s New:** Staff presented draft rules to Council at its November 17, 2023 meeting for consideration to be filed in a Notice of Proposed Rulemaking. Council approved the notice with some minor edits.

**Looking Forward:** The public comment period for this rulemaking has begun and is set to end on December 27, 2023. A public hearing is scheduled for December 18, 2023 at 10:00 a.m. Staff will
review feedback received during this public comment period and present its responses and the final proposed rules to Council at its January meeting.

**Research Reactor Rulemaking**

**Description:** This rulemaking project will update OAR 345-030 to ensure consistency with federal reporting requirements and deadlines.

**What's New:** The Department has begun to create draft rules and is reaching out to the operators of the two research reactors in Oregon to solicit their feedback.

**Looking Forward:** Once the draft rules are developed, staff will present these rules to Council for consideration to be filed in a Notice of Proposed Rulemaking.

**Site Certificate Amendment Rulemaking**

**Description:** This rulemaking project will evaluate options to address outstanding issues on the rules governing the amendment of site certificates under OAR chapter 345, division 027, including issues related to when an amendment is required, when opportunities for public notice and participation in the different review processes should be provided, and what types of amendments should be considered in contested case proceedings. The objectives of this rulemaking are to make the amendment review process more efficient and effective while ensuring adequate opportunities for public participation.

**What's New:** N/A

**Looking Forward:** Following completion of the 5-year review, staff will present the results and preliminary recommendations for rulemaking, including recommendations for RAC membership to Council.

**Compliance**

**Inspections:** In the next 3 months, the compliance officer will be conducting both on-site and virtual inspections in conjunction with the review of annual reports for the NWNG Mist Underground Storage Facility; Port Westward Generating Project: South Mist Feeder Pipeline and the South Mist Feeder Pipeline Extension.

**Follow up inspections:** None currently.

**Construction site inspections:** N/A

**Pre-Construction Activities:** Pre-construction compliance review has been initiated for the Boardman to Hemingway Transmission Line and Madras Solar Energy Facility.

**Facility Decommissioning Financial Assurance updates:** The requirement for certificate holders to restore their facility to a useful, non-hazardous condition once operations have ceased is partially fulfilled by maintaining a bond or letter of credit in that amount should that obligation fall to the state. The total amount of site certificate bonds and letters of credit managed by the Department is $229,727,145. These assurances are updated annually to keep pace with inflation.

**Council Meetings**

Council agendas, meeting materials, and minutes can be found at:
Next Council Meeting: January 25-26 (Location TBD) - In addition to the regular consent and public comment agenda items, the following agenda items are anticipated: 1) 2024 Rulemaking Schedule; 2) Reactor Reporting Rulemaking NOPR; 3) Trojan Security Plan Update; 4) The Climate Trust Annual Update; 5) Annual compliance Overview.

2023 Meeting Dates:

December 14-15: No meeting

2024 Meeting Dates: The following dates may be changed to ensure a quorum and will be released if not needed:

January 25-26; February 22-23; March 21-22; April 18-19; May 16-17; June 13-14; July 18-19; August 22-23; September 19-20; October 24-25; November 14-15; December 12-13

These dates do not preclude the need for special meetings that may be conducted via teleconference and webinar or in person at the discretion of the chair. Locations and agendas to be determined.

HELPFUL LINKS

- About energy facility siting in Oregon
- Latest facility siting project updates
- Oregonians’ Guide to Siting and Oversight of Energy Facilities
- Energy Facility Siting Council
- Facilities under Energy Facility Siting Council Jurisdiction
- Oregon Energy Siting Standards

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