ENERGY FACILITIES AT A GLANCE

<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>Final Order</td>
<td>Final Order and Site Certificate executed/issued in August 2023</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>Sunstone Solar Project (Formerly Echo Solar)</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>Applicant is revising the preliminary ASC</td>
<td>Lake County</td>
</tr>
<tr>
<td>Lone Pine to Whetstone Transmission Line</td>
<td>NOI</td>
<td>The Project Order was issued on September 14, 2023</td>
<td>Jackson County and City of Medford</td>
</tr>
<tr>
<td>Muddy Creek Energy Park</td>
<td>NOI</td>
<td>Department anticipates issuance of Project Order in October</td>
<td>Linn County</td>
</tr>
<tr>
<td>Cascade Renewable Transmission System</td>
<td>NOI</td>
<td>Preliminary ASC must be submitted prior NOI expiration (or March 7, 2025)</td>
<td>Wasco, Hood River, and Multnomah counties</td>
</tr>
</tbody>
</table>
### New Energy Facilities – 8 Proposed Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Rosebush Energy Center</td>
<td>NOI</td>
<td>Revised NOI received in September. Public Notice of NOI and a Public Information Meeting to be issued in early October 2023.</td>
<td>Wasco and Sherman counties</td>
</tr>
<tr>
<td>Umatilla-Morrow County Connect Project</td>
<td>NOI</td>
<td>NOI received in September. Public Notice of NOI and a Public Information Meeting to be issued in early October 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>Boardman to Hemingway Transmission Line Amendment #1</td>
<td>Final Order</td>
<td>Council reviewed and denied requests for contested case, and issued final order</td>
<td>Morrow, Umatilla, Union, Baker, and Malheur counties</td>
</tr>
<tr>
<td>Obsidian Solar Facility Amendment #1</td>
<td>Proposed Order</td>
<td>Department issued the Proposed Order and Notice of Proposed Order and Opportunity to Request a Contested Case on September 26, 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>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 Amendment #6</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review; agency coordination on-going.</td>
<td>Wasco County</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</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 December 2023</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Daybreak Solar Project</td>
<td>Under Construction</td>
<td>Anticipated completion December 2023</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>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</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>
</tbody>
</table>
Federal Energy Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Type</th>
<th>Findings and/or comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owyhee Pumped Storage Project</td>
<td>FERC</td>
<td>Notice of Intent</td>
</tr>
<tr>
<td>Crooked Creek Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
</tr>
<tr>
<td>Winter Ridge Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
</tr>
<tr>
<td>Elephant Rock Pumped Storage Project</td>
<td>FERC</td>
<td>Preliminary Permit Application</td>
</tr>
<tr>
<td>Soldier Camp Pumped Storage Project</td>
<td>FERC</td>
<td>Preliminary Permit Application</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>WREFI</td>
<td>May 5, 23</td>
<td>Operational</td>
<td>Condition PRE-LU-03: Develop and provide ODOE/ODAg/Corey S., for review and concurrence, an enhanced noxious weed monitoring and treatment plan.</td>
</tr>
<tr>
<td>WREFI</td>
<td>May 5, 23</td>
<td>Operational</td>
<td>Condition GEN-PS-02: Identify actions certificate holder plans to take to ensure that turbine tower doors are locked when not being accessed by O&amp;M staff.</td>
</tr>
<tr>
<td>WREFI</td>
<td>May 5, 23</td>
<td>Operational</td>
<td>Condition CON-PS-04: Replenish gravel around base of WG1-0003</td>
</tr>
<tr>
<td>WREFII</td>
<td>May 5, 23</td>
<td>Operational</td>
<td>Condition CON-PS-04: Replenish gravel around base of WG2-0054; WGS-0074; and WGS-0115</td>
</tr>
<tr>
<td>WREFII</td>
<td>May 5, 23</td>
<td>Operational</td>
<td>Condition CON-WF-02(c) and (d): Provide documentation of the turbine blade/tower inspection and monitoring plan.</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:** Final Order
What's New: On August 31, 2023, the Department issued the Final Order on the ASC, which is available on the project page.

Looking Forward: Appeal of the decision on the Final Order on the ASC may be made by eligible individuals to the Supreme Court. Construction must commence on or before July 2026.

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: pASC Completeness Review
What's New: N/A
Looking Forward: The Department will complete its review of the pASC, in coordination with affected state agencies, local governments and Tribes, and will issue a determination on whether the application is complete on or before October 7, 2023.

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: pASC Completeness Review
What's New: The Department’s review of the preliminary ASC, transmittal of Requests for Additional Information (RAI), and reviewing agency coordination is ongoing.
Looking Forward: The Department is drafting the Draft Proposed Order based on information received to date.

Archway Solar Energy Facility
Facility Description: Solar energy generation facility with a nominal generating capacity of up to 400 MW to 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: pASC Completeness Review
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

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 Department issued the Project Order on September 14, 2023.
Looking Forward: The applicant has indicated that it intends to submit the preliminary Application for Site Certificate in October 2023.
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 has indicated that it intends to submit the preliminary Application for Site Certificate in October 2023.

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.

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 Department received the NOI on September 1, 2023. The Department then received a revised NOI on September 25, 2023.
Looking Forward: The Department anticipates issuing a Public Notice of the NOI, announcing availability of the NOI, comment period, and details of a public informational meeting in early October.

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 Department received the NOI on September 22, 2023.
Looking Forward: The Department anticipates issuing a Public Notice of the NOI, announcing availability of the NOI, comment period, and details of a public informational meeting in early October.
Approved Energy Facilities - Requests for Amendment

Boardman to Hemingway Transmission Line Amendment #1

**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 three 500-kV transmission line route alternatives (approximately 8.8 miles in total); and 2) add 45.9 miles of access road additions in each of the five affected counties. The proposed site boundary additions cover 1,036 acres and changes to site certificate conditions

**Review Process:** Type A

**Phase:** Final Order

**What’s New:** Three requests for contested case were received by the deadline, September 8, 2023. Council reviewed the requests for contested case at its September 22, 2023 EFSC meeting and denied the requests based upon the reasoning in the Department’s September 15, 2023 supplemental staff report and as provided in the Final Order on RFA1. Council approved the Proposed Order as the Final Order which granted an amended site certificate. On September 29, 2023, the Department issued the Final Order and First Amended Site Certificate.

**Looking Forward:** N/A

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:** Proposed Order

**What’s New:** Council reviewed the Draft Proposed Order on Amendment 1, including all comments received, at the September 22, 2023 EFSC meeting. The Department prepared the Proposed Order and issued the Proposed Order, Public Notice of Proposed Order, and Opportunity to Request a Contested Case on September 26, 2023.

**Looking Forward:** The deadline to request a Contested Case is October 27, 2023 at 5:00 p.m. PT. The Department anticipates Council review of the Final Order at the November 2023 EFSC meeting.

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 RAI’s have been submitted on an ongoing basis. The Department continues to review the pRFA, issue RAI’s, and coordinate with the certificate holder and reviewing agencies.

**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 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.

**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.
Summit Ridge Wind Farm #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:** The Department received pRFA6 on August 17 and issued Public Notice of receipt of pRFA6 on August 29, 2023.

**Looking Forward:** The Department will complete its review of pRFA6 on or before October 18, 2023. If additional information is identified as needed for the review of pRFA6, the Department will establish a timeframe for which the certificate holder must respond as well as a forecasted schedule for issuance of a DPO.

Leaning Juniper IIA Wind Power Facility #3

**Facility Description:** Approved,

**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:** The Department received pRFA3 on September 22, 2023.

**Looking Forward:** The Department will issue Public Notice of receipt of pRFA3 on or before October 6, 2023.

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 complete by December 2023.

**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 by December 2023.

**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 and is forecasted to be complete in October 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:** The license holder, KRRC, submitted documentation of the completed facility
termination plan for the Copco No. 2 powerhouse.

**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:** The license holder provided notification to the Klamath Tribe of the anticipated commencement of construction, which is required at least 6 months in advance of the actual start of construction.

**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:** The project was omitted from the agenda for FERC’s September meeting. In response, the applicant filed another letter requesting prompt action and a decision by notational vote. Letters in support of the project were submitted by two potential customers of the increased supply, Cascade Natural Gas and Intermountain Gas Company, as well as the Pipeliners Union Local 798. Opposition letters were submitted by U.S. Rep Earl Blumenauer; U.S. Senators Cantwell, Merkley, Padilla, Feinstein, and Wyden; a coalition of NGO’s including Columbia Riverkeeper, Rogue Climate, and the Washington State Sierra Club; and hundreds of members of the public.

**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: The deadline for comments on the draft Environmental Impact Statement has passed. FERC intends to issue the final Environmental Impact Statement in October 2023.

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: FERC approved the geotechnical exploration plan for the Clearwater No. 2 forebay development and authorized PacifiCorp to begin the work.
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: The applicant requested an extension of time until October 13 to respond to FERC’s request to provide the justification to waive section 4.81(c)(2) of the Commission’s regulations, which requires the filing of a work plan for new dam construction.

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-footlong, 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: FERC approved the applicant’s request for an extension of time until October 2, 2023 to respond to their request for additional information. The request is for the applicant to provide justification to waive section 4.81(c)(2) of the Commission’s regulations, which requires the filing of a work plan for new dam construction. FERC’s request cited ODFW’s prior comments and letter stating that they did not support a waiver. DEQ also filed a late motion to intervene which was granted.

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:


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 is 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:** N/A
Looking Forward: The Lake County Planning Commission canceled the public hearing scheduled for Wednesday, September 7, 2022, and has rescheduled it for October 17, 2023.

More information on this project is available at: 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: The Department presented a Notice of Proposed Rulemaking (NOPR) on this rulemaking at the September 22, 2023 Council meeting. Council approved this document for submission and the NOPR was published on September 27, 2023.
Looking Forward: With the filing of the NOPR, the public comment period has begun and will end on October 27, 2023 at 5 p.m. A public hearing will be held on October 19, 2023 at 1 p.m. at in Salem, OR. For those who prefer to attend the hearing remotely, a Webex session will be available at the following link. More details are available on the rulemaking page.

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: On September 7, 2023, the Department held the first Rulemaking Advisory Committee (RAC) meeting for this rulemaking. At the meeting, staff discussed the purpose for this rulemaking with the RAC and requested ideas about what RAC members feel should be added or amended to the Contested Case rules to improve their effectiveness and clarity.
Looking Forward: Staff is evaluating the themes and comments received from RAC members at the first meeting. Staff intends to distribute this collection of ideas to the RAC for further feedback and is in the process of scheduling the next RAC meeting to provide RAC members an opportunity to discuss the ideas proposed by the RAC.
**2022 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.

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**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:** The Department has begun to create draft rules.

**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.

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**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.

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**COMPLIANCE**

**Inspections:** In the next 3 months, the compliance officer will be conducting virtual inspections or on-site inspections in conjunction with the review of annual reports for the Stateline Wind Project; Leaning Juniper IIA; Leaning Juniper IIB; NWNG Mist Underground Storage Facility; Hermiston Generating Plant and the Klamath Cogeneration Project as well as the Klamath generation Peakers.

**Follow up inspections:** None currently.

**Construction site inspections:** None currently.

**Pre-Construction Activities:** Pre-construction compliance review has been initiated for 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: October 19, 2023 (Salem) - In addition to the regular consent and public comment agenda items, the following agenda items are anticipated: 1) Radioactive Waste Materials Rulemaking public hearing.

2023 Meeting Dates: The following dates may be changed to ensure a quorum and will be released if not needed:

November 16-17; December 14-15.

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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