ENERGY FACILITIES AT A GLANCE

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>Port Westward Renewable Diesel Project</td>
<td>Final Order</td>
<td>Order granting exemption approved by Council</td>
<td>Columbia County</td>
</tr>
<tr>
<td>Boardman to Hemingway Transmission Line</td>
<td>Contested Case</td>
<td>Exceptions/Response to Exceptions to ALJ issued Contested Case Order</td>
<td>Morrow, Umatilla, Union, Baker, and Malheur counties</td>
</tr>
<tr>
<td>Nolin Hills Wind Power Project</td>
<td>Draft Proposed Order</td>
<td>Evaluating comments on Draft Proposed Order</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>West End Solar Energy Project</td>
<td>Application Submittal</td>
<td>Completeness review</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>Archway Solar Energy Facility</td>
<td>Preliminary Application Submittal</td>
<td>Preliminary application submitted in June 2022</td>
<td>Lake County</td>
</tr>
</tbody>
</table>
## New Energy Facilities – 8 Proposed Facilities

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<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wagon Trail Solar Project</td>
<td>Amended Notice of Intent</td>
<td>Preliminary application anticipated in July 2022</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Bonanza Energy Facility</td>
<td>Notice of Intent</td>
<td>Preliminary application anticipated in 2022</td>
<td>Klamath County</td>
</tr>
<tr>
<td>Echo Solar Project</td>
<td>Notice of Intent</td>
<td>Preliminary application anticipated in 2023</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Blue Marmot Solar Energy Facility</td>
<td>Notice of Intent</td>
<td>Preliminary application submittal on hold</td>
<td>Lake County</td>
</tr>
</tbody>
</table>

## Approved Energy Facilities – 2 Proposed Amendments, 7 Under Construction

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stateline Wind Project Amendment #7</td>
<td>Final Order</td>
<td>Council issued its final order approving the amendment at the June 2022 meeting</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>Carty Generating Station Amendment #3</td>
<td>Draft Proposed Order/ Type B Determination</td>
<td>Type B Determination issued with Draft Proposed Order on June 17, 2022.</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Eugene to Medford Transmission Line Amendment #4</td>
<td>Preliminary Amendment Submittal</td>
<td>Completeness review</td>
<td>Amendment components in Jackson and Josephine counties and the City of Rogue River</td>
</tr>
<tr>
<td>Perennial Wind Chaser</td>
<td>Termination</td>
<td>Certificate holder filed a notice of intent to submit a Request to Terminate the site certificate</td>
<td>Umatilla 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>Montague Solar Facility</td>
<td>Under Construction</td>
<td>162 MW on 1,189 acres (1.85 sq. miles)</td>
<td>Gilliam County</td>
</tr>
<tr>
<td>Bakeoven Solar Project</td>
<td>Under Construction</td>
<td>Solar components and related or supporting facilities for 60 MW on 497 acres (0.77 sq. miles)</td>
<td>Wasco County</td>
</tr>
<tr>
<td>Daybreak Solar Project</td>
<td>Under Construction</td>
<td>Solar components and related or supporting facilities for 140 MW on 1,622 acres (2.5 sq. miles)</td>
<td>Wasco County</td>
</tr>
</tbody>
</table>
### Approved Energy Facilities – 2 Proposed Amendments, 7 Under Construction

<table>
<thead>
<tr>
<th>Facility</th>
<th>Phase</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shepherds Flat North</td>
<td>Under Construction</td>
<td>Wind turbine repower (replacement of blades and nacelles)</td>
<td>Gilliam County</td>
</tr>
<tr>
<td>Shepherds Flat South</td>
<td>Under Construction</td>
<td>Wind turbine repower (replacement of blades and nacelles)</td>
<td>Morrow/Gilliam County</td>
</tr>
<tr>
<td>Shepherds Flat Central</td>
<td>Under Construction</td>
<td>Wind turbine repower (replacement of blades and nacelles)</td>
<td>Morrow/Gilliam County</td>
</tr>
</tbody>
</table>

### Amendment Determination Requests – 1 Request

<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>Carty Generating Station</td>
<td>Determination</td>
<td>Department reviewed and approved the Type B Amendment request on June 17, 2022.</td>
<td>Morrow County</td>
</tr>
<tr>
<td>Amendment #3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Amendment Determination</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montague Solar Facility</td>
<td>Under Review</td>
<td>Determination anticipated to be issued in 2022</td>
<td>Gilliam County</td>
</tr>
</tbody>
</table>

### State Jurisdictional Renewable Energy Projects Summary*

<table>
<thead>
<tr>
<th>Status</th>
<th>Wind MW</th>
<th>Solar MW</th>
<th>Total MW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operational</td>
<td>2,719</td>
<td>50</td>
<td>2,769</td>
</tr>
<tr>
<td>In Construction</td>
<td>394</td>
<td>362</td>
<td>756</td>
</tr>
<tr>
<td>Approved but Not Built - Approval Still Valid</td>
<td>221</td>
<td>812</td>
<td>1,033</td>
</tr>
<tr>
<td>Under Review</td>
<td>340</td>
<td>2,805</td>
<td>3,145</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,674</td>
<td>4,029</td>
<td>7,703</td>
</tr>
</tbody>
</table>

*There are 28 individual renewable energy facilities. However, some may include more than one type of renewable energy 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>FAST-41?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swan Lake North Pumped Storage Project</td>
<td>FERC</td>
<td>Pre-construction</td>
<td>Klamath County</td>
<td>YES Link to Dashboard</td>
</tr>
<tr>
<td>Owyhee Pumped Storage Project</td>
<td>FERC</td>
<td>Preliminary Permit</td>
<td>Malheur County</td>
<td>NO</td>
</tr>
</tbody>
</table>
### Federal Energy Facilities

<table>
<thead>
<tr>
<th>Facility</th>
<th>Lead Agency</th>
<th>Status</th>
<th>Location</th>
<th>FAST-41?</th>
</tr>
</thead>
<tbody>
<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>YES Link to Dashboard</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>NO</td>
</tr>
<tr>
<td>Crooked Creek Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
<td>Lake County</td>
<td>NO</td>
</tr>
<tr>
<td>Winter Ridge Pumped Storage Project</td>
<td>FERC</td>
<td>Feasibility Study</td>
<td>Lake County</td>
<td>NO</td>
</tr>
<tr>
<td>Lower Klamath Project Surrender and Removal</td>
<td>FERC</td>
<td>Notice of Intent to Prepare an EIS</td>
<td>Klamath County, OR and Siskiyou County, CA</td>
<td>NO</td>
</tr>
<tr>
<td>GTN Express Project</td>
<td>FERC</td>
<td>Notice of Intent to Prepare an EIS</td>
<td>Oregon, Washington, and Idaho</td>
<td>NO</td>
</tr>
<tr>
<td>Coyote Springs Compressor Station</td>
<td>FERC</td>
<td>Application Review</td>
<td>Morrow County</td>
<td>NO</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>NO</td>
</tr>
</tbody>
</table>

### ACTIVE STATE ENERGY FACILITY PROJECTS

*Click on the project name for more information.*

#### New Energy Facilities

**Port Westward Renewable Diesel Project**

**Facility Description:** Renewable diesel production facility capable of processing up to 50,000 barrels per day of renewable biomass feedstocks. The applicant seeks an exemption under ORS 469.320(2)(f), which authorizes site certificate exemptions for facilities that demonstrate the following: a biofuel production facility that has local land use approval and that requires no transmission lines or pipelines that would require a site certificate; that produces a fuel, at least 90 percent of which is used in an industrial or refueling facility located within one mile of the facility or is transported from the facility by rail or barge; and that emits less than 118 pounds of carbon dioxide per million Btu from fossil fuel used for conversion energy. The facility is proposed by Next Renewable Fuels Oregon, LLC.

**Phase:** Proposed Order/Comment Period

**What’s New:** Council approved the order granting the request for exemption at the May 27 EFSC meeting. The order granting the exemption has been signed and posted to the project webpage.
Looking Forward: Any appeal of Council’s decision must be filed within 60 days.

**Boardman to Hemingway Transmission Line**

**Facility Description:** 500 kV single circuit electrical transmission line approximately 300 miles in length (273 miles in Oregon). The facility is proposed by Idaho Power Company (IPC). Because portions of the route would cross federal land, the applicant must receive regulatory approval from both the federal government and EFSC.

**Phase:** Contested Case

**What’s New:** The Hearing Officer issued the Proposed Contested Case Order on May 31, 2022.

**Looking Forward:** Parties to the Contested Case have until June 30, 2022 to file exceptions to the Proposed Contested Case Order with EFSC.

**Nolin Hills Wind Power Project**

**Facility Description:** A combination facility including a wind power generation component with a nominal generating capacity of up to 340 MW on approximately 48,196 acres and solar PV power generation component with a nominal generating capacity of up 260 MW with 120 MW of battery storage on 1,896 acres (2.9 sq. miles). The facility is proposed by Nolin Hills Wind, LLC, a subsidiary of Capital Power Corporation.

**Phase:** Draft Proposed Order

**What’s New:** The applicant submitted written responses to comments to comments on the DPO on June 15, 2022 and presented oral testimony in response to comments on the DPO on June 24, 2022. Council reviewed the DPO at the June 24, 2022 council meeting and provided their comments to the Department.

**Looking Forward:** The Department is preparing the Proposed Order based on comments received and Council review of the DPO.

**West End Solar Energy Project**

**Facility Description:** Solar PV power generation facility with an average generating capacity of 45 MW on approximately 324 acres (0.5 sq. miles). Of the 324 acres, the proposed facility site includes approximately 238 acres of high-value farmland under ORS 195.300(10)(f) because of the location within the designated Columbia Valley American Viticulture Area (AVA). The facility is proposed by EE West End Solar LLC (applicant), a subsidiary of Eurus Energy America Corporation.

**Phase:** Preliminary Application for Site Certificate (Expedited Review)

**What’s New:** N/A

**Looking Forward:** Department review of the pASC, drafting the DPO, and coordination with reviewing agencies and the applicant is ongoing.

**Archway Solar Energy Facility**

**Facility Description:** Solar PV power generation facility with a nominal generating capacity of up to 400 MW on approximately 4,300 acres (6.7 sq. miles). The facility is proposed by Archway Solar Energy, LLC, a subsidiary of Invenergy Solar Development North America, LLC.

**Phase:** Preliminary Application Submittal

**What’s New:** The Department received the preliminary Application for Site Certificate (pASC) in June 2022.
Looking Forward: The Department will review the pASC exhibits, and begin its completeness review.

Wagon Trail Solar Project

Facility Description: Solar PV power generation facility with a nominal generating capacity of up to 500 MW on approximately 5,000 acres (7.8 sq. miles). Related or supporting facilities include among other things a distributed energy storage (lithium-ion batteries) and an 8-mile 230 kilovolt (kV) transmission line. The facility is proposed by Wheatridge East Wind, LLC, a wholly owned subsidiary of NextEra Energy Resources, LLC.

Phase: Amended Notice of Intent

What’s New: N/A

Looking Forward: The applicant anticipates submitting a preliminary application for site certificate in 2022.

Bonanza Energy Facility

Facility Description: Solar PV power generation facility with a nominal generating capacity ranging between 150 MW and 300 MW (depending on the solar module technology selected at final design) on approximately 2,733 acres (4.2 sq. miles). Related or supporting facilities include a 500-kV generation-tie transmission line and an up to 1,100 MW battery storage system, among other components. The facility is proposed by Hecate Bonanza LLC, a wholly owned subsidiary of Hecate Energy NAF LLC.

Phase: Notice of Intent

What’s New: N/A

Looking Forward: The applicant anticipates submitting a preliminary application for site certificate in 2022.

Echo Solar Project

Facility Description: Solar PV power generation facility with a nominal generating capacity of up to 1,250 MW proposed on approximately 10,900 acres (17.03 sq. miles) of predominately cultivated land in Morrow County. The facility is proposed by Echo Solar, LLC, a subsidiary of Pine Gate Renewables, LLC.

Phase: Notice of Intent

What’s New: The Department received a Notice of Intent to apply for a Site Certificate on May 10, 2022. On June 10, 2022, the Department issued a Public Notice initiating a comment period on the Notice of Intent.

Looking Forward: Public Comments and recommendations related to the Notice of Intent will be accepted through August 5, 2022. Written comments may be submitted in writing by mail, e-mail, or by fax. Please send comments to:

Oregon Department of Energy
ATTN: Christopher Clark, Senior Siting Analyst
550 Capitol Street NE
Salem, OR 97301
Phone: (503) 871-7254
The Department and applicant will also host a public informational meeting to provide an additional opportunity for the public to provide comments and ask questions about the proposed facility and review process. The informational meeting will be held on **July 27, 2022 at 5:30 p.m.**

**Join in Person:**
Port of Morrow Riverfront Center  
Riverfront Room  
2 East Marine Drive  
Boardman, Oregon 97818

**Join via WebEx:**
https://odoe.webex.com/odoe/onstage/g.php?MTID=e450d802ba549aaaaadecded816e548580  
Event number: 2349 256 7808  
Event password: EFSC

**Join by Phone:** +1-844-992-4726 (Toll Free), Access Code: 2349 256 7808

Oral comments on the NOI will be accepted at the informational meeting. The informational meeting is not a public hearing, and participation in the informational meeting is not required to establish eligibility to participate in the contested case during the review of the ASC.

**Blue Marmot Solar Energy Facility**

**Facility Description:** Solar PV power generation facility with a nominal generating capacity of up to 50 MW proposed on approximately 2,322 acres (3.6 sq. miles). The facility is proposed by Blue Marmot Solar Park, LLC, a subsidiary of EDP Renewables North America, LLC. The Notice of Intent was submitted on October 27, 2020. The Department issued the Project Order on February 23, 2021.

**Phase:** Notice of Intent

**What’s New:** N/A

**Looking Forward:** The applicant indicated it is pursuing a modified facility layout and pursuing permitting via the County process (see the HB 2329 Section below for more details). The applicant also indicated it may proceed with the EFSC review of the facility proposed to EFSC in the ASC, however, the ODOE/EFSC review of the proposed facility is on a temporary hold at this time.

**Approved Energy Facilities - Requests for Amendment**

**Stateline Wind Project Amendment #7**

**Facility Description:** Operational wind energy facility consisting of two geographic units – Stateline 1 & 2 and Vansycle II. Stateline 1 & 2 is composed of 186 wind turbines and has a peak generating capacity of up to 123 megawatts. Vansycle II consists of up to 45 wind turbines with a peak
generating capacity of up to 119 megawatts. The certificate holders are FPL Energy Vansycle II, LLC and FPL Energy Stateline II, Inc.

**Amendment Description:** Amend approved turbine specifications for wind turbines at Vansycle II, if repowered. The dimension changes apply to the minimum above-ground blade tip clearance (from 59 to 50 feet) and hub height (from 295 to 315 feet).

**Review Process:** Type B

**Phase:** Final Order

**What’s New:** At the June 24, 2022 EFSC meeting, Council approved the Proposed Order as the Final Order and issued a seventh amended site certificate.

**Looking Forward:** N/A

**Carty Generating Station Amendment #3**

**Facility Description:** The Carty Generating Station is an operational 450 megawatt (MW), combined-cycle natural gas-fueled electric generating power plant, and a not-yet-constructed 50 MW solar PV electric power generating unit (Carty Solar Farm) on 315 acres (0.49 sq. miles). The portion of the facility site boundary subject to pRFA3 is located approximately 13 miles southwest of the City of Boardman, immediately north and south of the Carty Reservoir. The Carty Solar Farm includes 50 MW of solar photovoltaic energy generation components and related or supporting facilities. The site certificate holder is Portland General Electric.

**Amendment Description:** pRFA3 seeks Council approval for a three year extension to both the construction commencement and completion deadlines of the Carty Solar Farm. This change would make the new construction commencement deadline February 4, 2025, and the new construction completion deadline February 4, 2028. No other changes are proposed in pRFA3. A complete RFA3 was submitted to the Department on April 29, 2022.

**Review Process:** Type B Requested

**Phase:** Draft Proposed Order

**What’s New:** Public Comment period on Draft Proposed Order closes at 5:00 PM on July 12, 2022.

**Looking Forward:** The Department anticipates issuing its Proposed Order on RFA3 in July 2022 and presenting to Council at the July 22, 2022 EFSC meeting for a possible final decision.

**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:** Expand the site boundary from approximately 23,975 to 24,463 acres; decommission an existing 115 kV transmission line; construct and operate a new 17.6-mile 230 kV transmission line to be double circuited with the existing 115 kV transmission line; a new 500/230 kV substation (Sam’s Valley substation); upgrade the existing Grants Pass substation to accommodate the termination of the new proposed 230 kV transmission line; reconductor a 4.9-mile segment of existing 230 kV transmission line; and 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:** Amendment Submittal
What’s New: The Department is reviewing an updated Exhibit S received in April 2022. 
Looking Forward: The Department is working with its consultant in drafting the Draft Proposed Order section based on the updated Exhibit S. The Department anticipates issuing a determination of completeness and issuance of the Draft Proposed Order in the second/third of quarter 2022.

Amendment Determination Requests (subject to requirements of OAR 345-027-0357)

Carty Generating Station Amendment #3
Facility Description: The Carty Generating Station is an operational 450 megawatt (MW), combined-cycle natural gas-fueled electric generating power plant, and a not-yet-constructed 50 MW solar PV electric power generating unit (Carty Solar Farm) on 315 acres (0.49 sq. miles). The portion of the facility site boundary subject to pRFA3 is located approximately 13 miles southwest of the City of Boardman, immediately north and south of the Carty Reservoir. The Carty Solar Farm includes 50 MW of solar photovoltaic energy generation components and related or supporting facilities. The complete RFA3 was submitted on April 29, 2022. The site certificate holder is Portland General Electric.
ADR Description: Type B Review
Phase: Determination
What’s New: The Department approved the Type B determination request on June 17, 2022.
Looking Forward: N/A

Montague Solar Facility
Facility Description: Solar photovoltaic energy generation facility under construction. The certificate holder is Montague Solar, LLC, a wholly owned subsidiary of Avangrid Renewables, LLC.
ADR Description: The ADR evaluates a change in the type of economic benefit resulting from the facility; local economic benefits previously relied upon by Council for the Goal 3 exception taken for the solar facility were from a Strategic Investment Program (SIP). A SIP is a program that establishes an agreement between the county and certificate holder to reduce property tax payment requirements for up to 15 years and requires payment of a community service fee (up to $2.5 million). The total tax benefit to the county ranges from $18-24 million over a 25-year period, + up $2.4 million in community service fees. The proposed change is from use of a SIP to instead apply for qualification under the Rural Renewable Energy Development Zone, which allows for a property tax exemption up to 5 years, and then followed by tax payments to the county, estimated at $24 million in tax benefits to the county over 25 years. The site certificate holder is asserting that the change does not trigger an amendment.
Phase: Under Review
What’s New: N/A
Looking Forward: The Department anticipates issuance of a determination on whether the proposed changes require a site certificate amendment under OAR 345-027-0350(4) in 2022.

Approved Facilities Under Construction
Perennial Wind Chaser Station
**Approved Facility:** Natural gas power generating facility with a maximum generation capacity of 415 MW.
**Construction Deadlines:** September 23, 2020 (commencement); September 23, 2023 (completion)
**Construction Status:** On April 27, 2022, the Department received a Notice of Intent to file a Request to Terminate the site certificate by the certificate holder. The Department anticipates receiving their proposed retirement plan and site certificate to termination request the in the coming weeks.

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)
**Construction Status:** Construction of wind turbine string access road modifications commenced on August 6, 2020 and is complete. The certificate holder must fulfill all applicable pre-construction requirements prior to constructing additional phases of the facility.

Montague Solar Facility
**Approved Facility:** Solar photovoltaic energy generation facility with a generating capacity of 162 MW that would use or occupy up to 1,189 acres (1.85 sq. miles).
**Construction Deadlines:** August 30, 2022 (commencement); August 30, 2025 (completion)
**Construction Status:** Construction on all 162 MW commenced in March 2021; construction is anticipated to be complete in September 2022.

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 November 2022.

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 February 2023.

Shepherds Flat North
**Approved Facility:** Operational wind facility, 265 MW; repower activities commenced in August 2021.
**Construction (Repower) Deadlines:** December 9, 2022 (commencement); three years from start date (completion)

Shepherds Flat Central
Approved Facility: Operational wind facility, 290 MW; repower activities approved, not yet started.
Construction Deadlines: January 24, 2023 (commencement); three years from start date (completion)

Shepherds Flat South
Approved Facility: Operational wind facility, 290 MW; repower activities approved, not yet started.
Construction Deadlines: January 24, 2023 (commencement); three years from start date (completion)

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

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 applicant submitted the Phase 2 Geotechnical Investigation Plan.
Looking Forward: The applicant is working to complete the pre-construction requirements of its FERC license.

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 2.6 to 8 mile long double-circuit 230-kilovolt transmission line which would intersect the proposed Boardman-to-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 develop a formal application to submit to FERC.

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:** Seven of the nine required federal environmental review and permitting processes have been completed. Remaining to complete are the Use Authorization (DOI-BOR) and Section 404 Clean Water Act permits (ACE).

**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 within 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:** On June 6, FERC issued a Notice of Intent to prepare an Environmental Impact Statement (EIS) for the project. The schedule calls for issuing a draft EIS in January 2023, with a target date of October 2023 for the final EIS. It is worth noting that FERC originally had issued a notice stating that the project was ready for Environmental Analysis, but several commenters requested that FERC issue an Environmental Impact Statement instead of an Environmental Analysis. FERC also responded to a request by the Yakama Nation to suspend its activities on the project to cure procedural and technical deficiencies; FERC declined the request.

**Looking Forward:** FERC will prepare and issue the draft Environmental Impact Statement for comments.

**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.

**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:** On June 16, Congressmen Cliff Bentz and Doug LaMalfa sent a letter to the Department of Interior, the states of Oregon and California, PacifiCorp, and the Klamath River Renewal Corp., with concerns regarding the project and requesting responses to specific questions posed in the letter. FERC also replied to a previous letter from Rep. LaMalfa requesting public meetings be held now that COVID-19 restrictions have been lifted; FERC denied the request. The USFWS concluded their consultation regarding the gray wolf, and the ACHP also submitted their comments.

**Looking Forward:** FERC will issue the final Environmental Impact Statement (EIS).

**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 applicant completed their responses to FERC’s Additional Information Requests (AIRs). FERC filed notes on 2 conference calls held with the EPA regarding issues such as greenhouse gas emissions and environmental justice.

**Looking Forward:** FERC will issue an Environmental Impact Statement (EIS).

**Coyote Springs Compressor Station (no ODOE web page)**

**Facility Description:** A new 1586 horsepower greenfield compressor station and related equipment to be installed in Morrow County.

**What’s New:** N/A

**Looking Forward:** FERC will continue to review the application for a Certificate of Convenience and Necessity.

**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:** On May 27, FERC accepted the license application for the Toketee/Fish Creek project; ODFW, ODEQ and OWRD have filed for intervenor status. PacifiCorp held a Joint Agency and Public Meeting for the proposed Toketee/Clearwater No. 2 project on June 8; a recording of the meeting can be found here.

**Looking Forward:** FERC will evaluate the amendment 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 will include here 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, LLC, a wholly owned subsidiary of News 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 was supposed to review the project at its January 18, 2022 meeting. No meeting minutes are available yet.

More information on this project is available at:


**Blue Marmot Solar Energy Project**
Facility Description: A new 50 MW solar energy facility on approximately 610 acres proposed by Blue Marmot IX, LLC, a wholly owned subsidiary of EDP Renewables North America. The project would be located in Lake County, north of the Town of Lakeview and would be located in multiple zoning designations, including Exclusive Farm Use.

What's New: N/A

Looking Forward: In February 2022, Blue Marmot IX, LLC filed a request to LUBA to pause the appeal of the denial of a conditional use permit by Lake County Board of Commissioners with an intent to work on a “settlement” with Lake County.

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 Council’s rulemaking activities here.

HB 2021 and 2022 Carbon Dioxide Standards Updates

Description: HB 2021 (2021) established new requirements for new and amended site certificates for fossil-fueled power plants (see ORS 469.413). This rulemaking is being conducted to implement the provisions of the bill related to energy facility siting, to establish clear standards and procedures for future siting decisions related to fossil-fueled power plants, and to clarify what constitutes a “significant increase” in the gross carbon dioxide emissions that are reasonably likely to result from operation of a fossil-fueled power plant. The rulemaking is also updating existing carbon dioxide emissions standards adopted under ORS 469.503(2) to ensure that carbon dioxide emissions are mitigated to the full extent allowed by law.

The proposed rules include a number of proposed rulemaking actions, including but not limited to:

- Amending OAR 345-024-0500 to incorporate the new requirements and clarify the standards applicable to the review of an application for a new fossil-fueled power plant.
- Amending OAR 345-024-0550, 345-024-0590, and 345-024-0620 to reset emissions standards based on the most efficient stand-alone combined cycle, combustion turbine, natural gas-fired energy facility that is commercially demonstrated and operating in the United States.
- Amending OAR 345-024-0580 to increase the monetary offset rate for carbon dioxide emissions from $2.85 to $4.27 per ton of carbon dioxide emissions.
- Amending OAR 345-020-0011 and 345-021-0010 and adopt new rules to establish specific application requirements for fossil-fueled power plants and other facilities that emit carbon dioxide.
- Amending OAR 345-027-0375 to implement new requirements for amendments to existing site certificates for fossil-fueled power plants and defining what is considered to be a “significant increase” in gross carbon dioxide emissions.
- Making non-substantive organizational and clerical changes to the rules.
Complete text of the proposed rules and other supporting materials can be found on the Council’s Rulemaking Website. The Notice of Proposed Rulemaking is also available from the Oregon Administrative Rules Database.

**What's New:** Council accepted oral comments at a rulemaking hearing on June 23, 2022, at the ODOE offices in Salem. During the hearing, Council extended the deadline for written comments to July 11, 2022.

**Looking Forward:** A public comment period on the proposed rule change is now open. In addition to comments on the proposed rule changes, Council requests public comment on whether other options should be considered for achieving the rule's substantive goals while reducing negative economic impact of the rule on business. All written comments must be received by 5:00 pm on **July 11, 2022**, to be considered.

ODOE has a new online portal for submitting public comments. The goal of the online portal is to provide members of the public with another convenient option to participate in Council rulemaking proceedings. The portal can be accessed at: https://odoe.powerappsportals.us/SitingPublicComment/

To comment on this project, select “2022 Carbon Standard Rulemaking” from the drop-down menu and follow the instructions. You will receive an email confirmation after submitting your comment.

Written comments may also be submitted by mail or email by sending them to:

EFSC Rules Coordinator
Oregon Department of Energy
550 Capitol St. NE
Salem, OR 97301
Email: EFSC.rulemaking@energy.oregon.gov

All written comments will be posted to the Council’s Siting Docket as they are received. Council will review comments received before the July 11 deadline at its July meeting and may consider the adoption of permanent rules at that time.

**Protected Areas, Scenic Resources, and Recreation Standards**

**Description:** This rulemaking project is being conducted to identify proposed revisions to the Council’s Protected Areas, Scenic Resources, and Recreation Standards and associated rules. The rulemaking is intended to review the standards and associated rules to ensure that the areas, designations, and resources protected by rules are up to date, and that rules are clear and consistent with the Council’s review process.

Council approved proposed rules associated with this project at its **meeting** on May 27, 2022 and authorized staff to issue a Notice of Proposed Rulemaking. The proposed rules would:
• Require an applicant to identify the managing agency of any protected area in the applicable study or analysis area for the project, as well as a mailing address and any other reasonably available contact information, in the notice of intent and application for site certificate.
• Amend the Recreation and Scenic Resources Standards to allow Council to consider evidence introduced into the record related to impacts to scenic resources and recreational opportunities outside the analysis area.
• Amend the Protected Areas Standard to remove the effective date for designations, allowing Council to consider impacts to protected areas that are designated prior to the filing of a complete application.
• Update and simplify the list of designations that are considered “protected areas" under the Protected Areas Standard and remove specific examples to reduce the need for future rulemaking.
• Clarify exception for when a linear facility may be located within a Protected Area.
• Amend Scenic Resources Standard to require assessment of visual impacts to State Scenic Resources.
• To avoid disruption of projects that are currently under review, specify that amended standards will only be applicable to the review of applications or requests for amendment filed on or after the effective date of the rules.

Complete text of the proposed rules and other supporting materials can be found on the Council’s Rulemaking Website. The Notice of Proposed Rulemaking is also available from the Oregon Administrative Rules Database.

What’s New: Council accepted oral comments at a rulemaking hearing on June 23, 2022, at the ODOE offices in Salem.

Looking Forward: A public comment period on the proposed rule change is now open. In addition to comments on the proposed rule changes, Council requests public comment on whether other options should be considered for achieving the rule's substantive goals while reducing negative economic impact of the rule on business. All written comments must be received by 5:00 pm on July 21, 2022, to be considered.

ODOE has a new online portal for submitting public comments. The goal of the online portal is to provide members of the public with another convenient option to participate in Council rulemaking proceedings. The portal can be accessed at: https://odoe.powerappsportals.us/SitingPublicComment/

To comment on this project, select “Protected Areas Rulemaking" from the drop-down menu and follow the instructions. You will receive an email confirmation after submitting your comment.

Written comments may also be submitted by mail or email by sending them to:

EFSC Rules Coordinator
Oregon Department of Energy
Wildfire Prevention and Response

Description: This rulemaking will evaluate whether Council should adopt standards or requirements related to wildfire prevention, preparedness, or response as part of the siting review process, consistent with rules currently under consideration by the Oregon Public Utility Commission.

Council approved proposed rules associated with this project at its meeting on May 27, 2022, and authorized staff to issue a Notice of Proposed Rulemaking. The proposed standard requires Council to find that all applicants have adequately characterized wildfire risk associated with a proposed facility and that the facility will be operated in compliance with a Council-approved wildfire mitigation plan. The rule also provides that Council may approve a facility without making these findings if the facility is subject to a wildfire protection plan approved by the Public Utility Commission or the governing body of a consumer-owned utility.

Complete text of the proposed rules and other supporting materials can be found on the Council’s Rulemaking Website. The Notice of Proposed Rulemaking is also available from the Oregon Administrative Rules Database.

What’s New: Council accepted oral comments at a rulemaking hearing on June 23, 2022, at the ODOE offices in Salem.

Looking Forward: A public comment period on the proposed rule change is now open. In addition to comments on the proposed rule changes, Council requests public comment on whether other options should be considered for achieving the rule's substantive goals while reducing negative economic impact of the rule on business. All written comments must be received by 5:00 pm on July 21, 2022, to be considered.

ODOE has a new online portal for submitting public comments. The goal of the online portal is to provide members of the public with another convenient option to participate in Council rulemaking proceedings. The portal can be accessed at:
https://odoe.powerappsportals.us/SitingPublicComment/

To comment on this project, select “Wildfire Rulemaking” from the drop-down menu and follow the instructions. You will receive an email confirmation after submitting your comment.

Written comments may also be submitted by mail or email by sending them to:
All written comments will be posted to the Council’s Siting Docket as they are received. Council will review comments received before the July 21 deadline at its July meeting and may consider the adoption of permanent rules at that time.

**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:** N/A

**Looking Forward:** The Department is identifying potential rule revisions and drafting proposed rule language in consideration of comments and recommendations provided by the RAC. The Department intends to publish its initial draft proposed rules in early August and to convene an additional RAC meeting to review the draft rule language and outstanding policy issues later that month.

**Application Review Process – Phase 1**

**Description:** Council is conducting a multi-phase rulemaking project to update, clarify, and simplify its rules for the site certificate application review process. Phase 1 will reorganize rules in divisions 015 to 026 to create clear separation of procedural and substantive provisions in rules. While this phase is primarily intended to be organizational in nature, it will also seek to clarify and simplify existing procedures for the application review process where practicable.

**What’s New:** N/A

**Looking Forward:** Staff will conduct an initial scoping survey to obtain initial input on the rulemaking project and identify organization and individuals that may be interested in participating on a Rulemaking Advisory Committee for this project. Anyone who is interested in participating in the scoping survey can sign up for email updates on the Council’s rulemaking activities at: [http://web.energy.oregon.gov/cn/a6n53/subscribe](http://web.energy.oregon.gov/cn/a6n53/subscribe)

**COMPLIANCE**

**Inspections:** The compliance officer will be conducting the following inspections:

- 2 site inspections 4 desk audits in conjunction with the review of annual reports as noted below
- 3 construction site visits to the Montague Solar Facility; Bakeoven Solar Facility and the Golden Hills Wind Project.
**Review of Annual Reports:** (SUI) Springfield Utility Industrial Energy Center; Eugene to Medford (500 kV) MST-MIST NWNG Storage; South MIST Feeder Pipeline; South MIST Pipeline Extension; Klamath Cogeneration Facility and the Klamath Generation Peakers Facility.

**Updates to Website:** Staff reports and facilities’ webpage updates with 2021 Facility Annual and Wildlife Monitoring Reports per Site Certificate Conditions and Wildlife Monitoring and Mitigation Plan (WMMP) requirements for Klondike III Wind, Stateline Wind, Biglow Canyon Wind, Leaning Juniper Wind IIA and Leaning Juniper Wind IIB. Council-approved revisions to existing plans were also posted to the webpages for the Montague Wind (WMMP), Wheatridge Wind (Habitat Mitigation Plan), Wheatridge Renewable Energy I (WMMP), Wheatridge Renewable Energy II (WMMP). 2021 Web updates will be completed in May.

**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 $195,531,703. These assurances are updated annually to keep pace with inflation.

**COUNCIL MEETINGS**

Council agendas, meeting materials, and minutes can be found at:
http://www.oregon.gov/energy/Siting/Pages/Council-Meetings.aspx

**Next Council Meeting:** July 22, 2022. The meeting will be a hybrid meeting, to be conducted in-person and virtually. Agenda items include: 1) Boardman to Hemingway Transmission Line Application - Council’s review of specific standards in the Proposed Order; 2) Protected Areas, Scenic Resources and Recreation Resources Rulemaking – Council review and possible decision; 3) Wildfire Prevention and Response Rulemaking - Council review and possible decision; 4) Carbon Dioxide Standards Rulemaking - Council review and possible decision; and 5) Carty Generating Station Amendment 3 - Council review and possible decision

**HB 2021 and 2022 Carbon Dioxide Standards Updates**

**2022 Meeting Dates:** The following dates may be changed to ensure a quorum and will be released if not needed:

August 25-26; September 22-23; October 27-28; November 17-18; December 15-16

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

✉️ Sign up to receive email updates about energy facility siting in Oregon.