Oregon Department of ENERGY

Energy Facility Siting Council Meeting

Virtual Meeting – Teleconference and Zoom

September 25, 2020
Opening Items:

- Call to Order
- Roll Call
- Announcements
Announcements:

• For those attending in person:
  • Comment Registration Cards are available on the table.
  • GovDelivery Sign Up Cards to receive project information by email are also on the table

• Those participating via the AT&T phone line, please mute your phone and if you receive a phone call, please hang up from this call and dial back in after finishing your other call
Announcements continued:

- If you would like to address the Council, please do not use the speaker phone feature, because it will create feedback.

- For those signed onto the webinar, please do not broadcast your webcam.

- Please silence your cell phones.

- Energy Facility Council meetings shall be conducted in a respectful and courteous manner where everyone is allowed to state their positions at the appropriate times consistent with Council rules and procedures. Willful accusatory, offensive, insulting, threatening, insolent, or slanderous comments which disrupt the Council meeting are not acceptable. Pursuant to Oregon Administrative Rule 345-011-0080, any person who engages in unacceptable conduct which disrupts the meeting may be expelled.
Agenda Item A

• July Meeting Minutes
• August Meeting Minutes
• Council Secretary Report
Council Appointment of Klamath County Board of Commissioners as Special Advisory Group for Bonanza Energy Facility

September 25, 2020
Katie Clifford, Senior Siting Analyst, Oregon Department of Energy
Facility Background

- Applicant: Hecate Energy Bonanza LLC
- Type of Facility: Solar photovoltaic (PV)
- Location: Klamath County near Bonanza
- Status: Notice of Intent received August 7th. Application anticipated February 2021
Special Advisory Group Appointment

- ORS 469.480(1) requires EFSC to designate as a special advisory group the governing body of any local government within whose jurisdiction the facility would be located.

- Klamath County Board of Commissioners is the governing body for Klamath County.

- The Department recommends that the Council designate the Klamath County Board of Commissioners as the special advisory group for the proposed Bonanza Energy Facility.
Initiation of Rulemaking to Ensure Safe Public Meetings and Hearings

September 25, 2020
Christopher M. Clark, Siting Policy Analyst and Rules Coordinator
Background

- Some rules require public meetings and hearings to be held in-person or in the “area affected” by an Application or Request for Amendment.

- COVID-19, wildfire, flooding, and winter storms can all present risks to the health and safety of the public or participants traveling to or attending in-person meetings.

- Executive Order 20-16 waived these requirements during the COVID-19 pandemic but was rescinded effective September 1, 2020.
Need and Authority for Rules

• Council may not waive requirements of ORS chapter 469, but may adopt rules allowing waiver of procedural requirements of OAR chapter 345 if needed to carry out effectively the duties, powers and responsibilities of the council.

• OAR 345-011-0015 and ORS 192.670 allow most public meetings to be held remotely, as long as public is provided opportunity to attend or participate by telephone or other electronic means.
Potential Impacts on Stakeholders

• Some stakeholders prefer attending meetings or providing testimony in person.
• Rules would mitigate some impacts by being used only extraordinary circumstances and by ensuring adequate opportunities for public participation under ORS 192.
• Rule is not expected to result in fiscal or economic impacts.
• Staff does not recommend use of RAC but we recommend Council accept advice during this agenda item.
(1) The Council or Chair may waive any provision of OAR chapter 345 requiring that a public meeting or public hearing be held in person or in a specific geographical area, if:

(a) The Council or Chair finds that in-person attendance at the meeting or hearing would present a risk to public health or safety or the health and safety of the participants;

(b) The public meeting or public hearing is held through the use of telephone or other electronic communication in accordance with ORS 192.610 to 192.690; and

(c) For public hearings, the Council provides an opportunity for submission of testimony by telephone, video, or through some other electronic or virtual means, or provides a means of submitting written testimony, including by email or other electronic methods, that the Council may consider in a timely manner.

(2) This rule does not apply to:

(a) Any meeting or hearing otherwise required to be held in-person or in a specified geographic location by ORS chapter 469; or

(b) A contested case hearing held pursuant to ORS chapter 183 and OAR chapter 345.
Public Comment
### Council Decision

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate Rulemaking and authorize Notice of Proposed Rulemaking.</td>
<td>Initiate Rulemaking and authorize Notice of Proposed Rulemaking, with modifications</td>
<td>No Action</td>
</tr>
</tbody>
</table>
Agenda Item D
(Action Item)

Montague Wind Power Facility
Council Review of Proposed Order on Request for Amendment 5 of Site Certificate

September 25, 2020
Sarah Esterson, Senior Siting Analyst
Presentation Overview

• Montague Wind Power Facility: Facility Overview and Site Certificate History

• Request for Amendment 5 (RFA 5) Proposed Changes

• Proposed Order (Action Item)
Montague Wind Power Facility

**Approved Facility**
- Certificate holder: Montague Wind Power Facility, LLC
- Parent company: Avangrid Renewables, LLC
- Type of facility: 404 MW wind and solar
  - 201 MW wind currently in operation
- Site Boundary: Approximately 47,056 acres, private land in Gilliam County

**Site Certificate History**
- Site Certificate approved 2010
- Amended four previous times
Approved Facility Site Boundary
RFA5 – Requested Modifications

- Split previously approved facility components into three site certificates:
  - Montague Wind Power Facility (201 megawatt (MW) wind) (Fifth Amended Site Certificate)
  - Montague Solar Facility (162 MW solar) (Original Site Certificate)
  - Oregon Trail Solar Facility (41 MW wind and solar) (Original Site Certificate)
- Construct and operate new equipment;
- Use an alternative route for a transmission line segment;
- Increase solar micrositing area;
- Reduce site boundary;
- And, modify site certificate conditions
Oregon Trail Solar Facility Site Boundary
### RFA5 – Procedural History

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Responsible Party</th>
<th>Date</th>
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<tbody>
<tr>
<td>Preliminary Request for Amendment 5</td>
<td>Certificate Holder</td>
<td>April 20, 2020</td>
</tr>
<tr>
<td>Type B Determination</td>
<td>ODOE</td>
<td>May 19, 2020</td>
</tr>
<tr>
<td>Complete RFA5 Received</td>
<td>Certificate Holder</td>
<td>May 29, 2020</td>
</tr>
<tr>
<td>Draft Proposed Order Issued (Type A) (27-day comment period)</td>
<td>ODOE</td>
<td>June 26, 2020</td>
</tr>
<tr>
<td>Draft Proposed Order Public Hearing</td>
<td>ODOE</td>
<td>July 23, 2020</td>
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<tr>
<td>Proposed Order</td>
<td>ODOE</td>
<td>July 30, 2020</td>
</tr>
<tr>
<td>Council review of Proposed Order</td>
<td>EFSC</td>
<td>Today, Sept 25, 2020</td>
</tr>
<tr>
<td>Final Order/Amended &amp; New Site Certificates</td>
<td>EFSC</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Overview of Proposed Order

Summary of Changes – Amended Conditions

- Condition 118(b) – clarified ADR requirement for each certificate holder of future modification of shared facility components
- Condition 32 – included reference to updated retirement cost tables for each facility
- Condition 49(b) – increased mitigation obligation for visual impacts to Weatherford Barn from expanded solar area
Overview of Proposed Order

- **Examples of edits:**
  - **Recommended Amended Condition 118(b):** If certificate holders of the Montague Wind Power Facility, Montague Solar Facility or Oregon Trail Solar Facility propose to substantially modify any of the shared facilities listed in sub(a) of this condition, each certificate holder shall submit an amendment determination request or request for site certificate amendment to obtain a determination from the Department on whether a site certificate amendment is required or to process an amendment for both site certificates. If certificate holders opt to submit an amendment determination request, the requirement may be satisfied through submittal of a single amendment determination request with authorization (or signature) provided from all three certificate holders.
Overview of Proposed Order

**Organizational Expertise [OAR 345-022-0010]**
Proposed Order, Section III.A.2. (Starting on p. 30)

Amended Condition 118 – applies to amended and two new site certificates
• Clarifies responsibility for shared facility components
• Requires a shared-facilities agreement
Overview of Proposed Order

**Land Use [OAR 345-022-0030]**
Proposed Order, Section III.A.4 (Starting on p. 37)

New Condition Amended Condition 119 – applies to amended and new site certificates
• Requires each certificate holder to demonstrate compliance with county sign requirements
Amended Condition 60 – Applies to new site certificates
• Requires Fire Safety Plans for solar facilities to include vegetation management, and discussion of potential mutual assistance
Overview of Proposed Order

**Siting Standards for Transmission Lines [OAR 345-024-0090]**
Proposed Order, Section III.A.9 (Starting on p. 107)

Amended Condition 80 – applies to amended and new site certificates
• Removed 200-foot setback restriction for transmission line structures to residential structures
Overview of Proposed Order

Other standards: administrative condition edits only

- General Standard of Review
- Soil Protection
- Fish and Wildlife Habitat
- Threatened and Endangered Species

- Noise rules
- Public H&S for Wind Facilities
Overview of Proposed Order

Standards Not Affected by RFA5
Proposed Order, Section III.B. (Starting on p. 117)

- Structural Standard [OAR 345-022-0020]
- Protected Areas [OAR 345-022-0040]
- Threatened and Endangered Species [OAR 345-022-0070]
- Scenic Resources [OAR 345-022-0080]
- Recreation [OAR 345-022-0100]
- Waste Minimization [OAR 345-022-0120]
- Cumulative Effects Standards for Wind Facilities [OAR 345-024-0015]
- Water Rights Laws
## Council Decision on the Proposed Order

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve Proposed Order and Adopt Final Order</td>
<td>Approve Proposed Order with Modifications and adopt Final Order</td>
<td>Deny Proposed Order, direct staff to make changes and re-issue Proposed Order</td>
</tr>
</tbody>
</table>
Agenda Item E
(Information Item)

2019 Housekeeping Rulemaking Update

September 25, 2020
Christopher M. Clark, Siting Policy Analyst and Rules Coordinator
Background

• On Sept. 27, 2019, Council adopted rules changes:
  • Specifying that rulemaking notices may be sent electronically and adopting procedures to update rulemaking mailing lists.
  • Updating definitions and procedural rules.
  • Reducing required number of printed copies of project materials and facilitating electronic distribution of materials to reviewing agencies.
  • Aligning property owner listing requirements with local government practices.
• During the rulemaking, Council received two requests for a statement of the rules objectives and how Council would evaluate.
Objectives & Evaluation

• Objectives identified in NOPR were:
  • To facilitate electronic transmission of application materials,
  • To improve the consistency of noticing requirements with statute and local government processes, and
  • To Reduce administrative and reporting costs to applicants and certificate holders. The rulemaking also had a secondary objective of improving the clarity, consistency, and readability of the rules.

• To evaluate, Council directed staff to flag any issues raised in complaints or comments from stakeholders and provide an evaluation in one year.

• Staff did not identify any complaints or comments related to implementation of the proposed rule.
Agenda Item F

Compliance Update
Information Item

September 25, 2020

Presented by:
Duane Kilsdonk, Compliance Officer
Presentation Overview

• Operating Energy Facilities with Site Certificates

• Oregon Energy Facilities Map

• Compliance Work Plan for July 2020 – June 2021

• Compliance Inspection Calendar for July 2020 – June 2021

• PGE Independent Spent Fuel Storage Installation Update

• Summit Ridge Construction Update
**EFSC Energy Facilities**

35 Site Certificates Under the Jurisdiction of the Energy Facility Siting Council

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Wind</strong></td>
<td>• 9 Operating&lt;br&gt;• 4 Under Construction</td>
</tr>
<tr>
<td><strong>Natural Gas</strong></td>
<td>• 7 Operating&lt;br&gt;• 2 Underground Natural Gas Pipelines&lt;br&gt;• 1 Underground Natural Gas Storage Facility&lt;br&gt;• 1 Pre-Construction Stage</td>
</tr>
<tr>
<td><strong>Nuclear</strong></td>
<td>• 2 Research Reactors&lt;br&gt;• 1 Decommissioned Nuclear Facility (Trojan) (ISFSI)</td>
</tr>
</tbody>
</table>
Compliance Work Plan

Annual Tasks

• Facility Inspections
• Annual Report Review
• Financial Assurance Update
• Annual Assessment
Compliance Work Plan

Process Improvement Tasks

• Compliance Program Evaluation
• Habitat Mitigation Area Assessment
• Site Certificate Transition
• Reed and OSU Annual Report Review
• Incident Response Process
# Compliance Inspection Calendar for July 2020 – June 2021

<table>
<thead>
<tr>
<th>July - 2020</th>
<th>August - 2020</th>
<th>September - 2020</th>
<th>October - 2020</th>
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</thead>
<tbody>
<tr>
<td>Shepherds Flat North (C)</td>
<td>In Office: Compliance Work Assessment and compliance work plan. Project report catch-up.</td>
<td>Summit Ridge Const. (C)</td>
<td>3 X Wheat Ridge Const 1ST Golden Hills Const.</td>
</tr>
<tr>
<td>Shepherds Flat Central (C)</td>
<td></td>
<td>Coyote Springs Cogen (PGE)</td>
<td></td>
</tr>
<tr>
<td>Shepherds Flat South (C)</td>
<td></td>
<td>Coyote Springs Cogen (Avista)</td>
<td></td>
</tr>
<tr>
<td>State Line Wind Project (C)</td>
<td></td>
<td>Perennial Wind Chaser Const.</td>
<td></td>
</tr>
<tr>
<td>Klondike Wind Project (C)</td>
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<tr>
<td>November - 2020</td>
<td>December - 2020</td>
<td>January - 2021</td>
<td>February - 2021</td>
</tr>
<tr>
<td>Port Westward Battery Const.</td>
<td>Montague Wind</td>
<td>Port Westward 1&amp;2</td>
<td>Columbia Ethanol Project</td>
</tr>
<tr>
<td>Leaning Juniper II B</td>
<td>S. Mist Feeder</td>
<td></td>
<td></td>
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<tr>
<td>Biglow Canyon Wind Farm</td>
<td>S. Mist Extension</td>
<td></td>
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<tr>
<td>March - 2021</td>
<td>April - 2021</td>
<td>May - 2021</td>
<td>June - 2021</td>
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<tr>
<td>Bakeoven Solar Const. (Tentative)</td>
<td>2nd Golden Hills Const.</td>
<td>Klamath Cogeneration Project</td>
<td>Eugene – Medford</td>
</tr>
<tr>
<td>Carty Generating Station</td>
<td>Hermiston Generating Project</td>
<td>Klamath Generation Peaker’s</td>
<td>Shepherds Flat North</td>
</tr>
<tr>
<td></td>
<td>Hermiston Power Project</td>
<td>Klondike III Wind Project</td>
<td>Shepherds Flat Central</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stateline Wind</td>
<td>Shepherds Flat South</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>
# Construction Projects 2020-2021

<table>
<thead>
<tr>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bakeoven Solar Project</td>
</tr>
<tr>
<td>Golden Hills Wind Project</td>
</tr>
<tr>
<td>Montague Wind Power Facility (Solar components)</td>
</tr>
<tr>
<td>Port Westward Generating Project (Battery Energy Storage System)</td>
</tr>
<tr>
<td>Summit Ridge Wind Farm</td>
</tr>
<tr>
<td>Wheatridge Renewable Energy Facility I</td>
</tr>
<tr>
<td>Wheatridge Renewable Energy Facility II (Wind and Battery Energy Storage System)</td>
</tr>
<tr>
<td>Perennial Wind Chaser Station</td>
</tr>
<tr>
<td>Perennial Wind Station</td>
</tr>
<tr>
<td>Oregon Trail Solar</td>
</tr>
</tbody>
</table>
Independent Spent Fuel Storage Installation
License Renewal:
Project Update
Trojan Nuclear Plant/ISFSI License History

Site Certificate Issued: July 1971 (Oregon’s only nuclear facility)

Operational History: March 1976 to January 1993 (~17 years)

Historic Location: U.S. Highway 30, approx. 12 miles north of St. Helens, Columbia County

Unrestricted Release of the Site

ISFSI Permit: Allows for storage of spent fuel from Trojan Nuclear Plant operations

ISFSI Permit Renewal: Issued by Nuclear Regulatory Commission
ISFSI License Renewal Update
PGE Request for Certificate Renewal

- PGE Extension Request
- ISFSI Installation to 2059
- Revisions to Safety Analysis Report and the Aging Management Program
- Tollgate Assessments

Impact Limiter

Transfer Cask
ODOE Review Status Update

- Field Visit for Structural Review
- Structural Analysis
- Request for Additional Information

Top view of one cask

Inspection included detailed measurement of selected surface scaling, pitting on concrete.
Summit Ridge Wind Construction Update

- Site Location
- Phase One of Construction
- Farm Road
- Limited to 0.8 miles
- Uneven and Sparse of Gravel
Summit Ridge Wind Construction Update

- Entrance to Main Access Route
- Removal of existing 10’ Cattle Guard
- Replaced with Two 10’ Cattle Guards
Summit Ridge Wind Construction Update

- 20’ Cattle Guard
- Collapsible Sides
Summit Ridge Wind Construction Update

- BMP’s
- 10’ Temporary Shoulders
- Seeded Area
Summit Ridge Wind Construction Update

- GPS Data Collected
- Average Road Width 20’
- 13 inches of Rock
- Total of 6,830.6 Tons of Rock
Agenda Item F

PUBLIC COMMENT
EFSC Submittal Requirements and Standards Overview

September 21, 2020
Todd Cornett, Siting Division Administrator/Council Secretary,
Oregon Department of Energy
EFSC Submittal Requirements & Standards

Key Terms & Takeways

• Burden of Proof

• Preponderance of Evidence

• Applicable Standards

• Future Rulemaking
Oregon Energy Facility Siting Process

Notice of Intent → Project Order → Application → Draft Proposed Order → Proposed Order → Contested Case → Final Order and Site Certificate

- Applicant’s Requirement
- Staff Determination of Standards
- Applicant’s Burden of Proof
- Staff Recommendation
Notice of Intent
Notice of Intent

• Purpose
• Early notification and review of project
  o Public
  o Reviewing Agencies
• Staff Review
• Study Area – The Area within which the applicant must conduct their analysis to show potential impacts of the facility the Notice of Intent
  o Within site boundary: everything not specifically included below
  o Within site boundary and ½ mile: fish and wildlife habitat
  o Within site boundary and 5 miles: T&E species, recreational opportunities
  o Within site boundary and 10 miles: scenic resources, public services
  o Within site boundary and 20 miles: protected areas
Study Area

- 20 Miles – Protected Areas
- 10 Miles – Scenic Resources, Pub. Services
- 5 Miles – T&E Species, Recreation
- ½ Mile – Fish and Wildlife Habitat
Project Order

• Purpose

• Analysis areas –
  o Areas specifically described in the project order containing resources that the proposed facility may significantly affect
  o Greater than, less than or equal to study areas

• Can be changed
  o Changes in project
  o Changes in statues and rules – but not local land use after submittal of preliminary application
Notice of Intent to Application
Example NOI Exhibit J

NOI Exhibit J. Identification of significant potential environmental impacts affecting:

- Air Quality
- Surface & Groundwater
- Land Use
- Wildlife & Wildlife Habitat
- T&E Species
- Scenic Resources
- Historic, Cultural and Archeological Resources
- Recreation

ASC Requirements

- Exhibit E – Permits Required
- Exhibit J - Wetlands and other Jurisdictional Waters
- Exhibit K - Land Use
- Exhibit O - Water Use
- Exhibit P - Fish and Wildlife Habitat
- Exhibit Q – T&E Species
- Exhibit R - Scenic
- Exhibit S – Historic, Cultural & Archaeological Resources
- Exhibit T - Recreation
- Exhibit V - Solid Waste and Wastewater
Application

- Preliminary Application for Site Certificate
  - Reviewing Agency notice
  - Staff evaluation

- Complete Application for Site Certificate
  - Information adequate to make findings
  - Notice and response from reviewing agencies
  - Notice to public and optional public information meeting

- Analysis Areas Example – See next slide
Analysis Area Example

- Exhibit P – Fish and Wildlife Habitat and Species

Information about the fish and wildlife habitat and the fish and wildlife species, other than the species addressed in subsection (q) that could be affected by the proposed facility, providing evidence to support a finding by the Council as required by OAR 345-022-0060. The applicant must include:

***

(D) Based on consultation with the Oregon Department of Fish and Wildlife (ODFW) and appropriate field study and literature review, identification of all State Sensitive Species that might be present in the analysis area and a discussion of any site-specific issues of concern to ODFW;

(E) A baseline survey of the use of habitat in the analysis area by species identified in (D) performed according to a protocol approved by the Department and ODFW;

***
Application to Draft Proposed Order

Notice of Intent

Project Order

Application

Draft Proposed Order

Proposed Order

Contested Case

Final Order and Site Certificate

Applicant’s Requirement

Staff Determination of Standards

Applicant’s Burden of Proof

Staff Recommendation
Example: Exhibit O – Water Use

ASC Requirements

Exhibit O - Water Use

Siting Standards
- General Standard
- Organizational Expertise
- Land Use
- Protected Areas
- Fish and Wildlife Habitat
- Threatened and Endangered Species
- Recreation
- Public Services
- Waste Minimization
Example: Protected Areas, Scenic Resources, Recreation Standards

ASC Requirements
- Exhibit B - Proposed Facility Description
- Exhibit C - Proposed Facility Location
- Exhibit L - Protected Areas
- Exhibit O - Water Use
- Exhibit R - Scenic
- Exhibit T - Recreation
- Exhibit X - Noise
- Exhibit U - Public Services
- Exhibit V - Waste Minimization

Siting Standards

Protected Areas
- Exhibit L - Protected Areas

Scenic Resources
- Exhibit R - Scenic

Recreation
- Exhibit T - Recreation
- Exhibit V - Waste Minimization
Draft Proposed Order

- Staff Preliminary Recommendation
  - Findings of facts
  - Conclusions of law
  - Conditions of approval

- Notice
  - Public
  - Reviewing Agencies

- Public Hearing

- Council Review
Conclusions

- Alignment between NOI and DPO steps
- Analysis
- Rulemaking
BREAK
Agenda Item I
(Information Item)

Financial Management Overview

September 25, 2020
Sisily Fleming, Fiscal Analyst
Oregon Department of Energy
Expense Allocation and Tracking

• Necessary, just, and reasonable expenses related to the Council’s review and decision are allocated to respective projects
  • Staff, Reviewing Agencies, Department of Justice, Special Advisory Groups, etc.

• Program Cost Accounts (PCA’s) are used to track expenses throughout the review
  • NOI, ASC, Certified Facilities, and Amendments

• Detailed time tracking by PCA/task is recorded daily
  • Ability to track estimates to actuals by task
Meeting Expenses and Travel Reimbursements

• General meeting expenses are pro-rated to PCA’s according to timelines established for each meeting, such as:
  • All expenses incurred by Council members
  • All time and expenses incurred by the Council Secretary, Administrative Assistant, DOJ, or staff providing overall meeting support

• Direct expenses are allocated as appropriate
  • Siting Analysts time and expenses are allocated to the PCA’s related to their specific agenda items
EFSC Funding Statutes

ORS 469.421
- Authorizes cost recovery for all expenses incurred by the Council and Department related to the review and decision of the Council
- Authorizes funding for general program expenses that are not related to the review or council decision

ORS 469.441
- Requires all fees allocated under ORS 469.421 are necessary, just and reasonable
- Requires Council to establish a fee schedule for specific review types
  - Notice of Intent, Request for Exemption, Request for Pipeline, Request for Expedited Review
Cost Recovery Phases

• Notice of Intent, Request for Exemption or Expedited Review
  • ORS 469.421 (2)
  • Initial Fee as required by ORS 469.441 (1)
  • Monthly Statements/Invoices are issued

• Application for Site Certificate
  • ORS 469.421 (3)
  • Cost Estimate / Cost Reimbursement Agreement
  • Initial fee 25% of Cost Estimate (held on deposit)
  • Monthly Invoices issued until expenses reach 75% of cost estimate
Cost Recovery Phases

• Certified Facilities
  • ORS 469.421 (5)
  • Annual Assessments invoices issued based on State Fiscal Year (July 1–June 30)
  • Based on anticipated activities at each facility
  • Monthly Statements issued

• Requests for Amendment
  • ORS 469.421 (1)
  • Invoices issued monthly to recover actual expenses
Agenda Item J
(Information Item)

Project Updates

September 25, 2020
Presenter, Position, Affiliation
# Projects Under Review

## Applications for Site Certificate
- Obsidian Solar Center
- Blue Marmot Solar Energy Facility
- Boardman to Hemingway Transmission Line
- Bonanza Energy Facility
- Nolin Hills Wind Power Project
- Madras Solar Energy Facility
- Archway Solar Energy Facility

## Requests for Amendment
- Montague Wind Power Facility
- Wheatridge Renewable Energy Facility II
- Carty Generating Station
- Eugene to Medford Transmission Line
Proposed Obsidian Solar Center

Facility: 400 MW solar photovoltaic energy generation facility
Site Boundary: 3,921 acres (6.1 sq. miles)
ASC Status: Department drafting Proposed Order
Location: North Lake County
Applicant: Obsidian Solar Center, LLC
Parent Companies: Obsidian Renewables, LLC and Lindgren Development, Inc.
Facility: 60 MW solar photovoltaic energy generation facility
Site Boundary: 5,170 acres
ASC Status: Anticipated Revised NOI Submittal
Location: Lake County
Applicant: Blue Marmot Solar Park LLC
Parent Company: EDP Renewables North America, LLC
* Site Boundary map based off of NOI from January 2018 and anticipated to change.
## Proposed Boardman to Hemingway Transmission Line

<table>
<thead>
<tr>
<th>Facility:</th>
<th>273 Mile 500 kV Transmission Line and related or supporting facilities</th>
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</thead>
<tbody>
<tr>
<td>ASC Status:</td>
<td>Contested Case</td>
</tr>
<tr>
<td>Location:</td>
<td>Morrow, Umatilla, Union, Baker, Malheur Counties</td>
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<tr>
<td>Applicant:</td>
<td>Idaho Power Company</td>
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</table>
Proposed Bonanza Energy Facility

<table>
<thead>
<tr>
<th>Facility:</th>
<th>150 to 300 MW solar photovoltaic energy generation facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Boundary:</td>
<td>2,733 acres (4.2 sq. miles)</td>
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<tr>
<td>ASC Status:</td>
<td>Applicant to submit pASC</td>
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<tr>
<td>Location:</td>
<td>Klamath County</td>
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<tr>
<td>Applicant:</td>
<td>Hecate Energy Bonanza LLC</td>
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<tr>
<td>Parent Company:</td>
<td>Hecate Energy NAF LLC</td>
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Proposed Nolin Hills Wind Power Project

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<th>Facility:</th>
<th>350 MW wind energy generation facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Boundary:</td>
<td>44,900 acres</td>
</tr>
<tr>
<td>ASC Status:</td>
<td>Applicant revising pASC</td>
</tr>
<tr>
<td>Location:</td>
<td>Umatilla County</td>
</tr>
<tr>
<td>Applicant:</td>
<td>Nolin Hills Wind, LLC</td>
</tr>
<tr>
<td>Parent Company:</td>
<td>Capital Power Cooperation</td>
</tr>
</tbody>
</table>
Proposed Madras Solar Energy Facility

Facility: 63 MW solar photovoltaic energy generation facility
Site Boundary: 284 acres (.4 sq. miles)
ASC Status: Applicant revising pASC
Location: Jefferson County
Applicant: Madras PV1, LLC
Parent Company: Ecoplexus Inc.
## Proposed Archway Solar Energy Facility

<table>
<thead>
<tr>
<th>Facility:</th>
<th>400 MW solar photovoltaic energy generation facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Boundary:</td>
<td>3,650 acres (5.7 sq. miles)</td>
</tr>
<tr>
<td>ASC Status:</td>
<td>Preliminary ASC anticipated in Oct 2020</td>
</tr>
<tr>
<td>Location:</td>
<td>Lake County</td>
</tr>
<tr>
<td>Applicant:</td>
<td>Archway Solar Energy, LLC</td>
</tr>
<tr>
<td>Parent Company:</td>
<td>Invenergy Solar Development North America, LLC</td>
</tr>
</tbody>
</table>
## Montague Wind Power Facility

<table>
<thead>
<tr>
<th>Facility:</th>
<th>404 MW wind and solar energy facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>202 MW of wind in operation (Oct 2019)</td>
</tr>
<tr>
<td>Location:</td>
<td>Gilliam County</td>
</tr>
<tr>
<td>Certificate Holder:</td>
<td>Montague Wind Power Facility, LLC (subsidiary of Avangrid Renewables, LLC)</td>
</tr>
<tr>
<td>Amendment Request:</td>
<td>Split facility components into an amended and two new site certificates</td>
</tr>
<tr>
<td>Amendment Status:</td>
<td>RFA5 under review; Council decision on Sept 25, 2020</td>
</tr>
</tbody>
</table>
# Wheatridge Renewable Energy Facility II

<table>
<thead>
<tr>
<th>Facility:</th>
<th>550 MW wind and solar energy facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>200 MW of wind under construction in Morrow County</td>
</tr>
<tr>
<td>Location:</td>
<td>Morrow and Umatilla counties</td>
</tr>
<tr>
<td>Certificate Holder:</td>
<td>Wheatridge Wind II, LLC (subsidiary of NextEra Energy Resources, LLC)</td>
</tr>
<tr>
<td>Amendment Request:</td>
<td>Type B Review; split facility components into an amended and two new site certificates</td>
</tr>
<tr>
<td>Amendment Status:</td>
<td>RFA1 under review; Type B Review Determination Issued</td>
</tr>
</tbody>
</table>
## Carty Generating Station

<table>
<thead>
<tr>
<th>Facility:</th>
<th>Operational 450 MW combined cycle natural gas, and a not-yet-constructed 50 MW solar photovoltaic unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Status:</td>
<td>July 2016 – Operational</td>
</tr>
<tr>
<td></td>
<td>Previously approved components not constructed</td>
</tr>
<tr>
<td>Location:</td>
<td>Previously approved site boundary in Morrow County, amended site boundary to include existing transmission lines in Gilliam County.</td>
</tr>
<tr>
<td>Certificate Holder:</td>
<td>Portland General Electric</td>
</tr>
<tr>
<td>Amendment Request:</td>
<td>Site Boundary modification; incorporation of shared infrastructure and existing facilities (shared by the Boardman Coal Plant and Carty Generating Station); construction and operation of new infrastructure</td>
</tr>
<tr>
<td>Amendment Status:</td>
<td>Anticipated issuance of Proposed Order November 2020</td>
</tr>
</tbody>
</table>
## Eugene to Medford Transmission Line

| Facility: | 146-mile, 500 kV transmission line, from Eugene to Medford |
| Status:   | Operating |
| Location: | Eugene, Lane County, through Douglas County to Medford, Jackson County |
| Certificate Holder: | PacifiCorp |
| Amendment Request: | Expand site boundary; new 17.6-mile 230 kV transmission line; new 500/230 kV substation; reconductor 230 kV transmission line; temporarily improve existing access roads |
| Amendment Status: | pRFA under review |
Adjourn