# AGENDA

**MONTHLY MEETING**
Tuesday February 16, 2021
1:30 PM

**CONFERENCE CALL ONLY**
Conference number: (360) 407-3810  ID: 214817

### 1. Call to Order

Kathleen Drew, EFSEC Chair

### 2. Roll Call

Tammy Mastro, EFSEC Staff

### 3. Proposed Agenda

Kathleen Drew, EFSEC Chair

### 4. Minutes

Meeting Minutes
- January 19, 2021 Monthly Meeting
- January 19, 2021 Special meeting

### 5. Projects

#### a. Kittitas Valley Wind Project
- Operational Updates
  Eric Melbardis, EDP Renewables

#### b. Wild Horse Wind Power Project
- Operational Updates
  Jennifer Diaz, Puget Sound Energy

#### c. Chehalis Generation Facility
- Operational Updates
  Mark Miller, Chehalis Generation

#### d. Columbia Generating Station
- Operational Updates
  Mary Ramos, Energy Northwest

#### e. WNP – 1/4
- Non-Operational Updates
  Mary Ramos, Energy Northwest

#### f. Desert Claim
- Project Updates
  Amy Moon, EFSEC Staff

#### g. Columbia Solar
- Project Updates
  Kyle Overton, EFSEC Staff

#### h. Grays Harbor Energy Center
- Operational Updates
  Chris Sherin, Grays Harbor Energy
- PSD Amendment 5 update
  Kyle Overton, EFSEC Staff

#### i. Goose Prairie Solar
- Application
  Kyle Overton, EFSEC Staff
- Project Presentation
  OneEnergy Renewables

#### j. Horse Heaven Wind Farm
- Application
  Amy Moon, EFSEC Staff
- Project Presentation
  Scout Clean Energy

### 6. Other

- Revised 3rd Quarter Cost allocation
  Sonia Bumpus, EFSEC Staff

### 7. Adjourn

Kathleen Drew, EFSEC Chair

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**Note:** "FINAL ACTION" means a collective positive or negative decision, or an actual vote by a majority of the members of a governing body when sitting as a body or entity, upon a motion, proposal, resolution, order, or ordinance.  RCW 42.30.020
### Page 1

**LACEY, WASHINGTON, JANUARY 19, 2021**

**1:30 P.M.**

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**PROCEEDINGS**

**CHAIR DREW:** Good afternoon. This is Kathleen Drew, Chair of the Energy Facility Site Evaluation Council. Our meeting is now going to begin. I am asking for the roll to be called a little bit differently today so that our clerk Tammy Mastro will go through the Councilmembers and then EFSEC Staff. And then she will call each facility that is on the agenda so that you can let us know who is there through that process.

And then at the end we'll ask for anyone else who wants to introduce themselves.

So with that, we're calling this meeting to order.

Ms. Mastro, will you call the roll.

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### Page 2

**APPEARANCES**

Councilmembers:
1. KATHLEEN DREW, Chair
2. STACEY BREWSTER, Utilities and Transportation Commission
3. MIKE LIVINGSTON, Fish and Wildlife
4. KATE KELLY, Department of Commerce
5. ROB DENGEL, Department of Ecology

Assistant Attorney General:
6. JON THOMPSON

EFSEC Staff:
7. SONIA BUMPUS
8. AMY MOON
9. JOAN OWENS
10. PATTY BETTS
11. STEWART HENDERSON
12. STEPHEN POSNER
13. KYLE OVERTON

Also in Attendance:
14. JENNIFER DIAZ, Puget Sound Energy
15. ERIC MELBARDIS, EDP Renewables
16. CHRIS SHERIN, Grays Harbor Energy
17. TIM MCMAHAN, Stoel Rives
18. JEREMY SMITH, Chehalis Generation
19. MARY RAMOS, Columbia Generating Station
20. SCOTT INLOES, Department of Ecology

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### Page 3

**MS. MASTRO:** Fish and Wildlife?

**MR. LIVINGSTON:** Mike Livingston, present.

**MS. MASTRO:** The DNR position is vacant.

Utilities and Transportation Commission?

**MS. BREWSTER:** Stacey Brewster, present.

**MS. MASTRO:** Chair is present.

With that, there is a quorum for the EFSEC Council.

**EFSEC Staff, Sonia Bumpus?**

**MS. BUMPUS:** Sonia Bumpus, present.

**MS. MASTRO:** Amy Moon?

**MS. MOON:** Amy Moon, present.

**MS. MASTRO:** Kyle Overton?

**MR. OVERTON:** Kyle Overton, here.

**MS. MASTRO:** Joan Owens?

**MS. OWENS:** Present.

**MS. MASTRO:** Patty Betts?

**MS. BETTS:** Patty Betts, present.

**MS. MASTRO:** Stewart Henderson?

Steven Posner?

**MR. POSNER:** Stephen Posner, present.

**MS. MASTRO:** The AAG for EFSEC?

**MR. THOMPSON:** John Thompson, present.

**MS. MASTRO:** And representatives from the facilities.
VERBATIM TRANSCRIPT OF MONTHLY COUNCIL MEETING - 1/19/2021

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1. Kittitas Valley?
   MR. MELBARDIS: Eric Melbardis, present.

2. MS. MASTRO: Wild Horse?
   MS. DIAZ: Jennifer Diaz, present.

3. MS. MASTRO: Grays Harbor?
   MR. SHERIN: Chris Sherin, present.

4. MS. MASTRO: Chehalis?
   MR. SMITH: Jeremy Smith, present.

5. MS. MASTRO: Energy Northwest?
   MS. RAMOS: Mary Ramos, present.

6. MS. MASTRO: Thank you. The court reporter?
   THE REPORTER: Carisa Kitselman, present.

7. MS. MASTRO: Thank you, Chair Drew.
   CHAIR DREW: Thank you. Are there others on the call who would like to introduce themselves now?
   MS. HENDERSON: Stewart Henderson with EFSEC. Couldn't unmute fast enough, but present.

8. MR. McMAHAN: Tim McMahan, present.


10. MR. LIM: MengChiu Lim with Department of Ecology, present.

11. MR. SMITH: Jeremy Smith, the environmental analyst for Chehalis.

12. CHAIR DREW: Okay. Thank you very much. Councilmembers, you have before you the proposed agenda.

13. Is there a motion to adopt the agenda?
   MR. DENGEL: Rob Dengel, motion to approve the agenda.
   CHAIR DREW: Second?
   MS. KELLY: Kate Kelly, second.


15. The agenda is adopted.

16. Moving on to the meeting minutes from last meeting, December 15th, 2020. They have been provided to you in draft form.

17. Is there a motion to approve the meeting minutes from December 15th?
   MR. LIVINGSTON: This is Mike Livingston. I'll move to approve the meeting minutes as presented.
   CHAIR DREW: Thank you. Second?
   MS. BREWSTER: Stacey Brewster, I'll second.

18. CHAIR DREW: Are there any comments or changes?

19. Hearing none, all those in favor of approving the meeting -- meeting minutes from December 15th, 2020, please say "aye."

20. COUNCILMEMBERS: Aye.

21. CHAIR DREW: Nays?
   The meeting minutes are approved.

22. Moving on to the facility updates.
   We have before us Kittitas Valley Wind Project, Mr. Melbardis?

23. MR. MELBARDIS: Good afternoon, Chair Drew, EFSEC Council, and Staff. This is Eric Melbardis with EDP Renewables for the Kittitas Valley Wind Power Project. There was nothing nonroutine to report over the period.

24. CHAIR DREW: Thank you. Moving on to Wild Horse Wind Power Project.
   MS. DIAZ: Yes. Thank you, Chair Drew and Councilmembers and Staff. This is Jennifer Diaz with Puget Sound Energy at the Wild Horse Wind Facility. And I have nothing nonroutine to report for December of 2020.

25. CHAIR DREW: Thank you. Moving on to Chehalis Generation Facility. Mr. Smith?
   MR. SMITH: Good afternoon, Chair Drew, EFSEC Council, and Staff. This is Jeremy Smith, the environmental analyst for Chehalis.

26. The Chehalis facility experienced an unavoidable Title V deviation event on December 26th. Pacificorp staff continues to work with EFSEC Staff and Southwest Clean Air Agency to provide additional information.

27. That's -- that's all for the Chehalis facility for the month of December.

28. CHAIR DREW: Thank you. Are there any questions?
   THE REPORTER: This is the reporter. I believe he cut out there.
   MR. SMITH: Okay. Apologies.

29. The Chehalis facility experienced an unavoidable Title V deviation event on December 26th. Pacificorp staff continues to work with EFSEC Staff and Southwest Clean Air Agency to provide additional information.

30. Is there any questions? Did you hear us that time?
   CHAIR DREW: Yes.
   THE REPORTER: Yes.

31. MR. SMITH: Thank you.
   CHAIR DREW: Thank you. Moving on to the Desert Claim Wind Power Project. Ms. --

32. MS. MOON: Good --
   CHAIR DREW: -- Moon?
   MS. MOON: -- afternoon. Oh, yeah. Thank you, Chair Drew.

33. Good afternoon, Chair Drew and Councilmembers.

34. This is Amy Moon providing an update on the Desert Claim Project.
Ms. Ramos: Good afternoon, Chair Drew.

Moving on to Columbia Generating Station.

Thank you very much. We'll have more information at the next meeting.

Questions?

Ms. Ramos: Thank you. EFSEC Councilmembers, and Staff. This is Mary Ramos reporting for Energy Northwest.

For the month of December 2020, Energy Northwest submitted a closure plan for the industrial development complex in our landfill.

Other than that, no -- only routine reports were submitted. No other updates.

Chair Drew: Thank you. I'll stop and repeat that.

Ms. Ramos: Oh, I apologize. Let me repeat that.

This is Mary Ramos reporting for Energy Northwest.

For the month of December 2020, Energy Northwest submitted a closure plan for the industrial development complex in their waste landfill.

Other than that, only routine reports were submitted. No other updates. Was that okay?

The Reporter: Yes, thank you.

Ms. Ramos: Thank you.

Chair Drew: Thank you. Grays Harbor Energy Center, Mr. Sherin?

Mr. Sherin: Good afternoon, Chair Drew,

Councilmembers. This is Chris Sherin for Grays Harbor Energy Center.

Operationally for the month of December, Grays Harbor has no nonrepeat items to report. Any questions?

Chair Drew: Thank you.

And moving on to the PSD Amendment 5 update. Mr. Overton?

Mr. Overton: Yes. This is Kyle Overton, the site specialist for Grays Harbor.

Last -- the last council meeting, the Council voted to release the amended PSD air permit for public comment. Since then, the proposed permit amendment has been made available to the public and a public comment meeting is scheduled to be held this evening at 5 p.m.

And -- the comment period is scheduled to close at midnight on the 21st of January. And at this time, no comments have been received.

Are there any questions?

Chair Drew: Any questions?

The Reporter: Any questions?

Hearing none, let's move on to the next item on our agenda, which is the third quarter cost allocation. Ms. Bumpus?

Ms. Bumpus: Thank you, Chair Drew and Councilmembers. This is Sonia Bumpus.

And if you do hear it cut out, just let me know and I'll repeat it. Just let me know as I'm going and I'll stop and repeat.

So as we do at the beginning of every new quarter, we have a nondirect cost allocation that is updated for third quarter, fiscal year 2021.

The Reporter: I don't hear anything.

Ms. Bumpus: -- year 2021 covering --

The Reporter: This is the reporter. It's cutting out. I don't know --
MS. BUMPUS: Okay.

THE REPORTER: I got "...quarter, we have a nondirect cost allocation..."

MR. MELBARDIS: Just as a reference --

MS. BUMPUS: Okay. This --

MR. MELBARDIS: -- this is Eric. I -- I'm not hearing any cutouts at all.

CHAIR DREW: No, nor am I. So I do think that's the -- the issue is specific. I'm going to go ahead and turn off my video hoping that whatever is going on will be helpful. And we can also submit in writing the piece on the cost allocation as well.

Are you hearing it better now?

THE REPORTER: I can hear you fine. Thank you.

CHAIR DREW: Okay.

MS. BUMPUS: And we also have a recording, so hopefully the recording is picking up -- picking up the full audio so if we need to go back to that.

So this is the nondirect cost allocation for third quarter fiscal year 2021 for January 1, 2021 to March 31st, 2021.

For Kittitas Valley Wind Power Project, 9 percent. Wild Horse Wind Power Project, 9 percent. Columbia Generating Station, 24 percent. Columbia Solar, 8 percent. WNP-1, 3 percent. Whistling Ridge, 3 percent. Grays Harbor 1 and 2, 15 percent. Chehalis Generating Project, 12 percent. Desert Claim Wind Power Project, 8 percent. And Grays Harbor Energy units 3 and 4, 9 percent. And that concludes my update on the cost allocations.

CHAIR DREW: Thank you. Councilmembers, since there's nothing -- no more -- no more issues to bring up today, I will adjourn this meeting and thank you all for participating. This meeting is adjourned.

(Adjourned at 1:44 p.m.)

C E R T I F I C A T E

STATE OF WASHINGTON
COUNTY OF KITSAP

I, Carisa Kitselman, a Certified Court Reporter in and for the State of Washington, do hereby certify that the foregoing transcript is true and accurate to the best of my knowledge, skill and ability.

CARISA KITSELMAN, RPR, CCR #2018

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ENERGY FACILITY SITE EVALUATION COUNCIL

Skype Videoconference
January 19, 2021
5:00 p.m.

Videoconference Public Comment Permit Hearing
Verbatim Transcript of Proceedings

REPORTED BY: CRYSTAL R. McAULIFFE, RPR, CCR, #2121

PROCEEDINGS
MS. DREW: This is Kathleen Drew, chair of the Washington State Energy Facility Site Evaluation Council. I am calling to order the permit hearing for Grays Harbor Prevention of Significant Determination Permit, in accordance with the Revised Code of Washington, RCW 80.50 and RCW 70.94, and Washington Administrative Code 173-400-171, adopted by EFSEC, WAC 463-78-005.

This hearing is for the purpose of public comment on the proposed issuance of a Prevention of Significant Deterioration, PSD, and Notice of Construction Permit No. EFSEC/2001-01, Amendment 5 for the Grays Harbor Energy Center located in Elma, Washington.

EFSEC previously approved amendments to the Grays Harbor Energy Center Site Certification Agreement in 2009. Grays Harbor Energy LLC, operator, which approved GHEC’s request to install General Electric convection turbine upgrades, which include the Advanced Gas Path, AGP, upgrade to operating turbine units 1 and 2.

Subsequently, EFSEC made a preliminary determination to improve the PSD Amendment 5 permit and fact sheet and opened the public comment period on December 16th, 2020.

Information about how to submit a comment was made available in public notice and is available on the EFSEC website. Oral comments will be taken on proposed PSD and public comments may be submitted online or by U.S. mail to EFSEC until close of the public comment period which ends at midnight tonight, January 19th, 2021.

I would like to say that earlier in our EFSEC monthly meeting, the close of comment was stated to be January 21st. That is in error. The close of the comment period is midnight tonight, January 19th, 2021, which was advertised in all of our legal ad and other materials on our website.

Copies of the Draft PSD permit and fact sheet are available on the EFSEC website for public viewing. We also have an electronic copy of the draft permit documents that EFSEC staff can show on the screen during this hearing.

Ms. Owens, will you call the roll of council members who are in attendance?

MS. OWENS: Yes. Good afternoon, Chair Drew
and Council. For the record, my name is Joan Owens, and I will now call the roll.

Department of Commerce?
MS. KELLY: Kate Kelly, present.
MS. OWENS: Department of Ecology?
MS. OWENS: Department of Fish and Wildlife?
MR. LIVINGSTON: Mike Livingston is here.
MS. OWENS: The Department of Natural Resources is currently vacant.
Utilities and Transportation Commission?
MS. BREWSTER: Stacey Brewster, present.
MS. OWENS: Assistant Attorney General.
Okay. Moving on to council staff.
Sonia Bumpus?
MS. BUMPUS: Sonia Bumpus is here.
MS. OWENS: Amy Moon?
Kyle Overton?
MR. OVERTON: Kyle Overton, here.
MS. OWENS: Tammy Mastro?
Patty Betts?
Stuart Henderson?
And Steven Posner?
MS. DREW: If there are any representatives from Grays Harbor Energy Center who would like to introduce themselves, please do so.

MR. SHERIN: This is Chris Sherin, plant manager, Grays Harbor Energy.
MS. DREW: Thank you.
MS. EVANS: MacKenzie Evans from Invenergy is on.
MS. DREW: Are there members of the public who would like to comment on this Prevention of Significant Deterioration Permit for Grays Harbor Energy Center?
Ms. Owens, are there any speakers who have signed up to testify?
MS. OWENS: I have not received any, no.
MS. DREW: So it is now 5:05. We will wait for ten minutes to see if anyone else does join for this public meeting to provide any oral comments.
And I will state again that we have a public comment period which ends at midnight tonight, January 19th, 2021, before we close the meeting.
So at this point, I will turn my microphone off. Please let me know, Ms. Owens, if anyone else joins the meeting.
MR. DENGEL: Chair Drew. My apologies. This is Rob Dengel with Ecology. I just was able to enter the meeting now.
MS. DREW: Okay. Thank you very much.

MS. OWENS: I'll let you know if I hear any.

(Pause in the proceedings from 5:06 p.m. to 5:15 p.m.)
MS. DREW: Good evening. This is Kathleen Drew, chair of the Energy Facility Site Evaluation Council.
Again, asking if -- this is a Grays Harbor Prevention of Significant Deterioration, PSD Permit Hearing.
Is there anyone who would like to make a public comment about this proposed permit?
(No response)

MS. DREW: Ms. Owens, I don't believe anyone else has joined the line; is that correct?
MS. OWENS: That is correct. I have also not received any e-mails asking to sign up.
MS. DREW: And I also want to note that Scott Inloes from the Department of Ecology has also been on and present at this hearing, which we didn't introduce him earlier.
Hearing that there are no comments, public comments, at this point in time, I will once again state that this public hearing for the Grays Harbor Prevention of Significant Deterioration Permit is open -- excuse me, that the public comment period is open until midnight tonight, January 19th, 2021, and comments may be submitted online through the EFSEC website.
Since we have no oral comments to be taken at this point in time, I will now close the hearing.
Thank you all for your participation. This meeting is closed.

(Hearing concluded at 5:17 p.m.)
C E R T I F I C A T E

STATE OF WASHINGTON )
) ss.
COUNTY OF KITSAP )

I, CRYSTAL R. McAULIFFE, a Certified Court Reporter in and for the State of Washington, do hereby certify that the foregoing transcript of the remote Public Comment Meeting, taken on January 19, 2021, is true and accurate to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 28th day of January, 2021.

____________________________________
CRYSTAL R. McAULIFFE, RPR, CCR #2121
Facility Name: Kittitas Valley Wind Power Project
Operator: EDP Renewables
Report Date: February 1, 2021
Reporting Period: January 2021
Site Contact: Eric Melbardis, Sr Operations Manager
Facility SCA Status: Operational

Operations & Maintenance (only applicable for operating facilities)
- Power generated: 7925 MWh
- Wind speed: 4 m/s
- Capacity Factor: 10.6%

Environmental Compliance
- No incidents

Safety Compliance
- Nothing to report

Current or Upcoming Projects
- Nothing to report

Other
- No sound complaints
- No shadow flicker complaints
### EFSEC Monthly Council Meeting – Facility Update

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Wild Horse Wind Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator</td>
<td>Puget Sound Energy</td>
</tr>
<tr>
<td>Report Date</td>
<td>February 2, 2021</td>
</tr>
<tr>
<td>Report Period</td>
<td>January 2021</td>
</tr>
<tr>
<td>Site Contact</td>
<td>Jennifer Diaz</td>
</tr>
<tr>
<td>SCA Status</td>
<td>Operational</td>
</tr>
</tbody>
</table>

### Operations & Maintenance
January generation totaled 35,088 MWh for an average capacity factor of 17.30%.

### Environmental Compliance
Nothing to report.

### Safety Compliance
No lost-time accidents or safety injuries/illnesses.

### Current or Upcoming Projects
Nothing to report.

### Other
Nothing to report.
EFSEC Monthly Council Meeting – Facility Update

Facility Name: Chehalis Generation Facility  
Operator: PacifiCorp  
Report Date: February 2, 2021  
Reporting Period: January 2021  
Site Contact: Jeremy Smith  
Facility SCA Status: Operational

Operations & Maintenance
- Relevant energy generation information, such as wind speed, number of windy or sunny days, gas line supply updates, etc.
  - 177,383 MW-hrs generated in January for a year-to-date 177,383 MW-hrs and a capacity factor of 47.05%.

The following information must be reported to the Council if applicable to the facility:

Environmental Compliance
- Permit status if any changes.
  - No changes.
- Update on progress or completion of any mitigation measures identified.
  - No issues or updates.
- Any EFSEC-related inspections that occurred.
  - None.
- Any EFSEC-related complaints or violations that occurred.
  - None.
- Brief list of reports submitted to EFSEC during the monthly reporting period.
  - None.

Safety Compliance
- Safety training or improvements that relate to SCA conditions.
  - Zero injuries this reporting period and a total of 2,012 days without a Lost Time Accident.

Current or Upcoming Projects
- Planned site improvements.
  - No planned changes.
- Upcoming permit renewals.
  - Title V Air Operating Permit Renewal Package submitted on December 23, 2020.
- Additional mitigation improvements or milestones.
  - No issues or updates.
Other
- Current events of note (e.g., Covid response updates, seasonal concerns due to inclement weather, etc.).
  - Nothing to report.
- Personnel changes as they may relate to EFSEC facility contacts (e.g., introducing a new staff member who may provide facility updates to the Council).
  - Nothing to report.
- Public outreach of interest (e.g., schools, public, facility outreach).
  - Nothing to report.

Respectfully,

Jeremy Smith – P22582
Environmental Analyst
Chehalis Generation Facility
EFSEC Monthly Council Meeting – January 2021

Facility Name: Columbia Generating Station and Washington Nuclear Project 1 and 4 (WNP-1/4)
Operator: Energy Northwest
Report Date: February 4, 2021
Reporting Period: January 2021
Site Contact: Mary Ramos
Facility SCA Status: (Pre-construction/Construction/Operational/Decommission): Operational

CGS Net Electrical Generation for January 2021: 865,094 MW-Hrs

The following information must be reported to the Council if applicable to the facility:

Environmental Compliance
EN requested and received an extension for the annual air emissions source registration for Columbia Generating Station. Discussions with Washington Department of Ecology are ongoing to determine the scope of emissions sources required for the annual report.

Current or Upcoming Projects
The Industrial Development Complex Inert Waste Landfill Closure Plan remains in progress. Energy Northwest is addressing comments received from Washington Department of Ecology and EFSEC on 1/25/2021.

Other
No updates.
Desert Claim Wind Power Project

February 2021 project update

[Place holder]
EFSEC Monthly Council Meeting

Facility Name: Grays Harbor Energy Center
Operator: Grays Harbor Energy LLC
Report Date: February 16, 2021
Reporting Period: January 2021
Site Contact: Chris Sherin
Facility SCA Status: Operational

**Operations & Maintenance**
- GHEC generated 274,836MWh during the month and 274,836MWh YTD.

The following information must be reported to the Council if applicable to the facility:

**Environmental Compliance**
- Received signed copies of PSD Amend 5 January 28th.
- There were no emission, outfall, or storm water deviations, during the month.
- Routine monthly and quarterly reporting –
  - Monthly Outfall Discharge Monitor Report (DMR), submitted to EFSEC & WA DOE.
  - Monthly Fuel Gas sample results, submitted to EFSEC & WA DOE.
  - 2020 Q4 State Quarterly EDR reporting, submitted to EFSEC, ORCAA & US EPA.

**Safety Compliance**
- None.

**Current or Upcoming Projects**
- Installation of AGP on GT1 & GT2 spring 2021.

**Other**
- Ongoing COVID-19 mitigation efforts at the site.

-
Goose Prairie Solar Project

February 2021 project update

[Place holder]
Goose Prairie Solar

EFSEC
Introductory Meeting

Feb 16, 2021

OneEnergy Renewables
  Blake Bjornson, Manager, Project Development
  Ann Siqveland, Director, Project Development

Stoel Rives, LLP
  Timothy McMahan, Counsel
Agenda

- OneEnergy Intro
- Solar Basics
- Goose Prairie Solar Intro
  - Facility Location
  - Development Status
- Questions and Discussion
OneEnergy Intro
OneEnergy Overview

OneEnergy is a privately held developer of utility-scale and community solar projects across the U.S.

- 30 employees, headquartered in Seattle with offices in Oregon, Wisconsin, Colorado, and Washington DC

- Founded in 2010, OneEnergy has a proven track record of project development and delivery, with more than 700MW in operation.

- With an active solar and storage pipeline of over 1 GW, OneEnergy has extensive project development experience and the scale to help you achieve the lowest cost energy.

- Experience working with investor-owned utilities, public power, and commercial & industrial customers.
Solar Basics
Basic Components of Solar Farm

Panels
- The primary material of a typical photovoltaic solar cell is crystalline silicon.
- Within the module individual cells are connected together in series and sandwiched between glass and a polymer back sheet. An aluminum frame provides the panel’s structure.
- Anti-reflective coating on the glass exterior reduces energy lost to reflection.

Racking
- The PV modules are secured on the racking system and supported by steel posts typically driven into the ground approx. 6 to 8 feet.
- The racking system will be installed with a tracking technology that allows the project to maximize energy production by following the sun east to west throughout the day.
- Minimally invasive mounting systems, which eases reclamation effort at the end of its useful life when the land is returned to an agricultural use.
Basic Components of Solar Farm

Inverters

- Inverters convert solar energy into a form the electrical grid can use.
- Each inverter would be coupled with a medium voltage step-up transformer to increase the voltage of the power to be consistent with the local utility’s lines.

Electrical Infrastructure

- All interconnection infrastructure, including inverters, is placed a safe distance from any public access on a secure cement pad.
Basic Components of Solar Farm

Battery Energy Storage System

- Optional equipment with the potential to store and smooth the variable renewable generation with array of benefits.
- Facility will utilize equipment listed or certified by Underwriters Laboratory (UL)
- Built in accordance with National Fire Protection Association (NFPA) Standards
Basic Components of Solar Farm

Fencing
- A security fence up to 8 feet in height will be installed around the perimeter.
- OneEnergy will work with the County and landowner to adjust the fence height in accordance with County and emergency services access needs.

Roads
- Low impact maintenance roads will be designed to allow maintenance access to the facility.
- Access will also include fire vehicle turnarounds that adhere to County code regulation.
- Access roads will be 20’ wide per International Fire Code.
Solar is a Great Washington Product

- Production profile that correlates well with peak demand (especially in summer), modular scaling and ability to site close to customers, no intensive use of water, and zero fuel price risk.

- Washington is a national leader with the Clean Energy Transformation Act (CETA) passed by legislature in 2019.
  - 100% greenhouse gas neutral by 2030.
  - 100% clean energy requirement by 2045.

- Compatible with agriculture and supplemental income for landowners
  - No impacts to common local farming practices
  - Non-permanent use – land restored at end of project life and landowners can return to agricultural use
  - Panels are no taller than an average apple tree, and projects are quiet, emissions-free, and low-maintenance
  - Project area re-seeded after construction with native seed mix, improving local water and soil quality

OneEnergy Renewables
Washington Communities Benefit From Solar

- **Taxes**: Property taxes and payments for local schools, roads, and community over life of the project
- **Recurring Annual Expenditures**: Lease payments & annual O&M
- **Local spending**: Direct & indirect spending on local contractors, supplies, materials, esp. during construction
- **Jobs & Labor**: Development, construction and contracting

[OneEnergy Renewables Logo]
Goose Prairie Solar
Goose Prairie Solar
Area Definitions

Facility Area Extent: Micrositing boundary within which the Facility Area will be wholly encompassed.
Project Status

**Land**
- Site control secured for maximum possible project footprint

**Grid IX**
- Access secured to existing high-voltage transmission lines with available interconnection and transmission capacity

**Solar Resource**
- Strong, proven energy resource bringing diversity benefits to the electrical grid

**Permit**
- Acquire all necessary local, state and federal permits required to develop, build, own and operate the project

**Energy Sales**
- Project’s location close to Mid-C trading hub provides opportunity for many potential buyers.
Thank you!

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O: 206.900.9931
E: blake@oneenergyrenewables.com

Ann Siqveland
Director, Project Development
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Portland, OR 97232
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E: ann@oneenergyrenewables.com

www.oneenergyrenewables.com
Horse Heaven Wind Project

February 2021 project update

[Place holder]
Today’s Agenda:

- Scout Clean Energy
- Project Team
- Horse Heaven Project Overview
- Environmental Review
- Community Engagement
- Q & A
What We’re Doing:

- 948 Landowners earning from clean energy
- 12 Projects in development or construction
- 5 Projects in operation

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SCOUT CLEAN ENERGY

Presentation Team

Dave Kobus

Pat Landess
Horse Heaven Project
Horse Heaven - Project Location

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1,150 Megawatts

- 244 wind turbines (max.)
- Solar panels
- Battery storage

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Horse Heaven

Hybrid systems can help stabilize grids, increase efficiencies, and lower power costs.

- Winter-peaking wind
- Summer-peaking solar
- Battery storage

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Flexible Design
Built in multiple phases

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Local Planning & Zoning Ordinances

Protections and Review

Wind, Solar & Battery Storage

- Allowable conditional uses
- Setback distances established
- Consistency determined by EFSEC
Natural Environment

Protections and Review

- Air
- Water
- Habitat
- Wildlife
- Wetlands

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Environmental Health

Setbacks address statutory & industry standards

- Aesthetics
- Ambient Noise
- Shadow flicker

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Visual Simulations
Community Outreach

- Website
- Facebook Page
- Newsletter
- Information Based
- Paid Advertising
- Small Group
- Presentations
- Public Opinion Survey
Forthcoming Information

- Ambient Noise
- Habitat Mitigation
Questions & Answers
The EFSEC Cost Allocation Plan (Plan) was approved by the Energy Facility Site Evaluation Council in September 2004. The Plan directed review of the past quarter’s percentage of EFSEC technical staff’s average FTE’s, charged to EFSEC projects. This along with anticipated work for the quarter is used as the basis for determining the non-direct cost percentage charge, for each EFSEC project.

Using the procedures for developing cost allocation, and allowance for new projects, the following percentages shall be used to allocate EFSEC’s non direct costs for the 3rd quarter of FY 2021

- Kittitas Valley Wind Power Project: 8%
- Wild Horse Wind Power Project: 8%
- Columbia Generating Station: 24%
- Columbia Solar: 8%
- WNP-1: 3%
- Whistling Ridge Energy Project: 3%
- Grays Harbor 1&2: 13%
- Chehalis Generation Project: 12%
- Desert Claim Wind Power Project: 8%
- Grays Harbor Energy 3&4: 4%
- Goose Prairie: 9%

Date: 1/19/2021

Sonia E. Bumpus, EFSEC Manager
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- Kittitas Valley Wind Power Project 7%
- Wild Horse Wind Power Project 7%
- Columbia Generating Station 24%
- Columbia Solar 8%
- WNP-1 3%
- Whistling Ridge Energy Project 3%
- Grays Harbor 1&2 12%
- Chehalis Generation Project 12%
- Desert Claim Wind Power Project 6%
- Grays Harbor Energy 3&4 0%
- Goose Prairie 9%
- Horse Heaven 9%

Date: 2/8/2021

Sonia E. Bumpus, EFSEC Manager