1. Call to Order

2. Roll Call

3. Proposed Agenda

4. Minutes

5. Projects
   a. Kittitas Valley Wind Project
      • Operational Updates
   b. Wild Horse Wind Power Project
      • Operational Updates
   c. Chehalis Generation Facility
      • Operational Updates
   d. Grays Harbor Energy Center
      • Operational Updates
         • Title V Air Operating Permit Public comment update
   e. WNP – 1/4
      • Non-Operational Updates
   f. Columbia Generating Station
      • Operational Updates
   g. Desert Claim
      • Project Updates
   h. Columbia Solar Project
      • Project Updates

6. Other
   a. EFSEC Council
      • 3rd Quarter Cost Allocation

7. Adjourn
WASHINGTON STATE
ENERGY FACILITY SITE EVALUATION COUNCIL
Lacey, Washington
Tuesday, December 17, 2019
1:32 p.m.

MONTHLY COUNCIL MEETING
Verbatim Transcript of Proceedings

REPORTED BY: SHERRILYN SMITH, CCR# 2097
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APPEARANCES

Councilmembers:
KATHLEEN DREW, Chair
CULLEN STEPHENSON, Department of Ecology
MIKE LIVINGSTON, Fish & Wildlife (via phone)
DAN SIEMANN, Natural Resources (via phone)
STACEY BREWSTER, Utilities & Transportation Commission

Assistant Attorney General:
STEPHANIE DUVALL

Council Staff:
SONIA BUMPUS
AMI KIDDER
KYLE OVERTON
TAMMY MASTRO
JOAN AITKEN

In Attendance:
JENNIFER DIAZ, Wild Horse Wind Power, PSE (via phone)
CHRIS SHERIN, Grays Harbor Energy
MARK MILLER, Chehalis Generating Station
TIM McMAHAN, Stole Rives (via phone)
HALEY OLSON, Puget Sound Energy

-000-

LACEY, WASHINGTON: DECEMBER 17, 2019
1:32 P.M.

PROCEEDINGS

CHAIR DREW: Good afternoon. This is Kathleen Drew, Chair of the Energy Facility Site Evaluation Council. Our December meeting is called to order.

Ms. Mastro, will you call the roll.

MS. MASTRO: Department of Ecology?

MR. STEPHENSON: Cullen Stephenson, here.

MS. MASTRO: Department of Fish and Wildlife?

MR. LIVINGSTON: This is Mike Livingston on the phone.

MS. MASTRO: Department of Natural Resources?

MR. SIEMANN: Dan Siemann is on the phone.

MS. BREWSTER: Stacey Brewster, here.

CHAIR DREW: Thank you.

Moving on to the proposed agenda. You have that before you. Is there a motion to adopt the proposed agenda?

MR. STEPHENSON: I will so move.

MS. BREWSTER: I will second the motion.

CHAIR DREW: Thank you.

Are there any questions or changes?

If not, all those in favor of adopting this proposed agenda, please say "aye."

THE COUNCILMEMBERS: Aye.

CHAIR DREW: Nay?

The agenda is adopted.

Before I got on, I would like to ask if there is anyone else on the phone who wants to introduce themselves at this point?

MR. McMAHAN: Tim McMahon with Stoel Rives.

MS. DIAZ: Jennifer Diaz, Puget Sound Energy.

MS. OLSON: Haley Olson, Puget Sound Energy.

CHAIR DREW: Okay. Thank you.

Moving on to the meeting minutes. We have two
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<td>8. MR. STEPHENSON: Of November 19th.</td>
<td>8. CHAIR DREW: Thank you.</td>
<td>8. CHAIR DREW: Thank you.</td>
<td>8. I also wanted to note that US EPA Region 10</td>
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<td>9. CHAIR DREW: Thank you.</td>
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<td>10. MS. BREWSTER: I will second the motion.</td>
<td>10. MS. DIAZ: That's all I have.</td>
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<td>11. CHAIR DREW: Thank you.</td>
<td>11. CHAIR DREW: Are there any questions?</td>
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<td>12. Are there any questions or changes that anyone</td>
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<td>13. Generating Effluent Guidelines.</td>
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<td>14. Hearing none, the minutes of the November 19th</td>
<td>14. we appreciate that. Thank you.</td>
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<td>14. Also, I have a couple typos in my report</td>
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<td>15. council meeting are before us for approval. All those</td>
<td>15. Councilmembers and Staff. I'm Mark Miller, the plant</td>
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<td>16. in favor signify my saying &quot;aye.&quot;</td>
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<td>18. CHAIR DREW: The minutes are approved</td>
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<td>22. MR. STEPHENSON: Chair, I will move to</td>
<td>22. MR. STEPHENSON: Chair, I will move to</td>
<td>22. MR. MILLER: Good afternoon, Chair Drew,</td>
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<td>23. approve the minutes from November 25th.</td>
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<td>25. CHAIR DREW: Thank you.</td>
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<td>25. Facility. I have two nonroutine comments to add</td>
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<td>17. MS. DIAZ: Thank you, Chair Drew, and</td>
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<td>17. Federal Register. Not VFR, it's CFR. So a few typos.</td>
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<td>21. of November.</td>
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<td>21. MR. MILLER: All right. Thank you.</td>
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<td>22. The Kittitas County fire marshal conducted the</td>
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<td>22. MR. MILLER: All right. Thank you.</td>
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<td>23. annual Fire Life and Safety inspection on</td>
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<td>22. CHAIR DREW: Thank you very much.</td>
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<td>24. November 18th. No violations were identified.</td>
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<td>23. Moving on to Desert Claim Project update,</td>
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<td>25. And then the United States Fish and Wildlife</td>
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<td>23. Ms. Moon.</td>
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<td>24. MS. MOON: Good afternoon, Council,</td>
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<td>Chair Drew, and Councilmembers. For the record, this is Amy Moon, and I am providing an update for Desert Claim Project. The current construction target date is 2021. EFSEC is expecting plan submittal and review by late 2020 or early 2021. CHAIR DREW: Okay. Any questions? MR. STEPHENSON: Yes. CHAIR DREW: Mr. Stephenson. MR. STEPHENSON: Thanks, Chair Drew. Amy, is that enough time between getting the plans and doing everything, and having you have everything you need to say, yes, go, and construction? MS. MOON: Well, we are working with them now to ensure that they submit them in a timely manner so that we do have enough time to review. Of course, it’s not 100 percent predictable, but they won’t be able to begin construction without review and approval of required plans. MR. STEPHENSON: Thank you. CHAIR DREW: Okay. Moving on to WNP-1/4, also -- and Columbia Generating Station, also Ms. Moon. MS. MOON: All right. Thank you, Chair Drew. Energy Northwest submitted their facility updates for WNP-1/4 and Columbia Generating Station. They are included in the Council packet. There are no updates to report for either facility. CHAIR DREW: Okay. Columbia Solar Project, the Operational Update, Ms. Kidder. MS. KIDDER: Thank you. Good afternoon, Chair Drew and Councilmembers. For the record, my name is Ami Kidder. I have a brief update for you on the Columbia Solar Project. December 6th, 2019, Order No. 878 reinstating the Columbia Solar Site Certification Agreements became effective. EFSEC Staff have resumed coordination with the certificate holder and our contractors on preconstruction activity for the project. Staff will continue to update the Council as preconstruction activity moves forward and the certificate holder completes requirements indicated in both the mitigated determination of nonsignificance and the site certification agreements. Are there any questions? CHAIR DREW: Questions? Thank you. Grays Harbor Energy Center project update,</td>
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<td>Mr. Sherin. That should be operational update. MR. SHERIN: Good afternoon, Chair Drew, Councilmembers. I'm Chris Sherin, plant manager of Grays Harbor Energy Center. For the month of November, we -- I don't have any nonroutine items to report. CHAIR DREW: Thank you. And then to discuss the Title V Air Permit, Mr. Overton. MR. OVERTON: This is Kyle Overton with -- EFSEC site specialist for Grays Harbor. In regards to the Title V Air Permit, I have -- this right up here provides the context, the Draft Title V Air Operating Permit and the associated Technical Support Document was provided to Council on December 11th, 2019, for their review. The permit is in response to Federal and State Clean Air regulations which require -- which were triggered due to Grays Harbor Energy being an energy production facility and the facility's potential to emit several regulated air pollutants at or above major source thresholds as defined in regulation. Grays Harbor Energy Facility is currently and will remain operating under the Prevention of Significant Deterioration Air Permit, Amendment 4, which was issued by the Council and signed on July 12th, 2018. The PSD is required for new major sources of air emissions prior to beginning operation. The AOP is a master document required by Title V with the Clean Air Act, which lists all of the air pollution requirements that apply to the Grays Harbor Energy Facility and incorporates the thresholds and monitoring requirements identified in that PSD. After beginning operation, Grays Harbor Energy Facility submitted a complete application for their operating permit in 2009. During this review, the need to amend the then-current PSD air permit was identified, which effectively put the air operating permit process on hold until that amendment for the PSD was completed. After the PSD amendment was finalized, a draft air permit was completed and is before you today. The proposed air operating permit was drafted primarily by EFSEC contractor Mark Goodin with the Olympic Clean Air Agency, in conjunction with EFSEC Staff contractors and Facility input. The next step in the process is the need to provide opportunity for public engagement via a 30-day public comment period. Depending on comments received, this -- data, further public hearing,</td>
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CHAIR DREW: Okay. So the PSD is a Harbor is subject to, including the PSD requirements.

MR. OVERTON: The air operating permit covers some of the same issues, if not --

CHAIR DREW: And the air operating permit?

MR. OVERTON: Correct.

At this time, EFSEC Staff would like to request that the Council will make a preliminary determination to approve the proposed permit documents for public comment, which will allow Staff to move forward with the 30-day public comment period, as required by WAC 173-401-820. This is adopted by reference in EFSEC’s rules, WAC 463-78-005.

Any questions?

CHAIR DREW: So, Mr. Overton, is it true that to operate a facility such as Grays Harbor Energy Center, they are required to have both a PSD and an air operating permit?

MR. OVERTON: Correct.

CHAIR DREW: And the air operating permit covers some of the same issues, if not --

MR. OVERTON: The air operating permit incorporates all the air requirements that Grays Harbor is subject to, including the PSD requirements.

CHAIR DREW: Okay. So the PSD is a subset. And there are no new issues or anything of that sort. This is part of the process that the Facility has to go through in order to have the appropriate permits?

MR. OVERTON: Correct. There is no new thresholds or reporting requirements that arise from the AOP currently.

CHAIR DREW: Thank you.

Are there questions? Mr. Stephenson.

MR. STEPHENSON: Thanks, Chair Drew.

Kyle, my only concern is putting it out for 30 days. If we do that, that puts 30 days right over the holidays. Is there any way to get around that or is 30 days enough to take that into consideration and get a good, robust chance for people to look at the documents?

MR. OVERTON: The 30-day requirement was -- is laid out in the regulation. Judging from the previous air permit, the most recent PSD, we received no comments on that all, and considering that this doesn’t have any new requirements or -- or regulations on the facility, we don’t really anticipate much public engagement. But during that time period, the public has the opportunity to request that public hearing if that is needed.

CHAIR DREW: Or an extension, if that were to come up. And then it is followed by a 45-day public hearing from the EPA as well.

MR. OVERTON: EPA review, correct.

CHAIR DREW: Sure. Go ahead.

MR. STEPHENSON: And the public notice for that goes to?

MR. OVERTON: I believe the EFSEC manager is going to comment on that.

MS. BUMPUS: Councilmember Stephenson, you are asking who receives the public notice for the public comment period?

MR. STEPHENSON: Yes, who receives it, and then how do we get that out? What media do we use?

MS. BUMPUS: Well, we have -- EFSEC maintains an interested persons list of people who regularly get notifications about any activities that EFSEC undertakes, so council meetings, things like that. And then we also maintain a project mailing list and contact list for specific facilities, where people have notified us that they are following that project and activities related to it and they want to be notified of any activities related to it.

CHAIR DREW: Thank you.

MS. KIDDER: Thank you.

MR. STEPHENSON: And the public notice will also be published on the EFSEC website per WAC 173.

MR. STEPHENSON: Great. Thank you.

CHAIR DREW: Thank you.

So we have had a chance to review both the permit and the technical document. At this point, I would be interested in a motion to put this permit out for public comment for 30 days.

MR. STEPHENSON: Chair, I will move that Council directs Staff to put this permit out for public comment for 30 days.
MS. BREWSTER: I will second the motion.

CHAIR DREW: Are there any other questions? Discussion?

Hearing none, all those in favor signify by saying "aye."

THE COUNCILMEMBERS: Aye.

CHAIR DREW: The motion is approved.

Thank you.

Moving on to our revised second quarter cost allocation, Ms. Bumpus.

MS. BUMPUS: Thank you.

Good afternoon, Chair Drew and Councilmembers.

Before I cover the revised cost allocation, I just wanted to make note that we are preparing our schedule for EFSEC council meetings for the next year, in 2020. There are two months where we are looking at different dates, other than the third Tuesday of the month. And so I just wanted to make sure everyone is aware that we are planning to have the January council meeting at 10:00 a.m. on the 14th of January. I think Ms. Aitken has reached out to councilmembers about their availability for that. And then for February, I believe we are looking at February 11th for the February council meeting.

We will let you know if any of this changes, but other than that, we will keep you apprised of anything that changes later in the year.

CHAIR DREW: Thank you.

MS. BUMPUS: So going back to the nondirect cost allocation, Ms. Kidder has already discussed that Order No. 8784, Columbia Solar reinstated the site certification agreements for that project, and consequently I have updated the nondirect cost allocation starting with the effective date of the reinstatement of the SCAs, December 6th, through to the end of the second quarter for Fiscal Year 2020, which is December 30th, 2019.

So I will now go through the percentages as they are starting December 6th. Kittitas Valley Wind Power Project, 10 percent; Wild Horse Wind Power Project, 10 percent; Columbia Generating Station, 25 percent; Columbia Solar, 13 percent; WNP-1, 3 percent; Whistling Ridge Energy Project, 3 percent; Grays Harbor 1 and 2, 13 percent; Chehalis Generation Project, 11 percent; Desert Claim Wind Power Project, 9 percent; and Grays Harbor Energy 3 and 4, 3 percent.

CHAIR DREW: Are there any questions?

MS. BUMPUS: Thank you.

CHAIR DREW: Hearing none, that concludes our business for today. And wish everyone a happy holiday season and we will see you in the new year. Meeting is adjourned.

(Adjourned at 1:53 p.m.)
Kittitas Valley Wind Power Project
Monthly Operations Report

December 2019

Project Status Update

Production Summary:
Power generated: 4,276 MWh
Wind speed: 3.1m/s
Capacity Factor: 5.7%

Safety:
No incidents

Compliance:
Project is in compliance

Sound:
No complaints

Shadow Flicker:
No complaints

Environmental:
No incidents
Kittitas Valley Wind Power Project
Monthly Operations Report

January 2020

Project Status Update

Production Summary:
Power generated: 12,586 MWh
Wind speed: 4.9 m/s
Capacity Factor: 16.8%

Safety:
No incidents

Compliance:
Project is in compliance

Sound:
No complaints

Shadow Flicker:
No complaints

Environmental:
No incidents
Safety
No lost-time accidents or safety injuries/illnesses.

Compliance/Environmental
Nothing to report

Operations/Maintenance
Nothing to report

Wind Production
December generation totaled 30,357 MWh for an average capacity factor of 14.97%
Safety
No lost-time accidents or safety injuries/illnesses.

Compliance/Environmental
Nothing to report

Operations/Maintenance
Nothing to report
Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 1615 days without a Lost Time Accident.

Environment:

- There were no storm-water deviations or spills during the month.
- Wastewater and Storm-water monitoring results complied with the permit limits for the month.

Operations and Maintenance Activities:

- The Plant generated 265,995 MW-hours in December for 2019 Year-To-Date generation equaling 2,420,809 MW-hours. The capacity factor for the month of December was 70.71% and the YTD is 55.90%.

Regulatory/Compliance:

Nothing to report this period.

Sound monitoring:

- Nothing to report this period.

Carbon Offset Mitigation:

- Nothing to report this period.

Respectfully,

Mark A. Miller--P75451
Manager, Gas Plant
Chehalis Generation Facility
Washington Energy Facility Site Evaluation Council

02.04.2020

Safety:

• There were no recordable incidents this reporting period and the plant staff has achieved 1646 days without a Lost Time Accident.

Environment:

• There were no storm-water deviations or spills during the month.
• Wastewater and Storm-water monitoring results complied with the permit limits for the month.

Operations and Maintenance Activities:

• The Plant generated 220,508 MW-hours in January for 2020 Year-To-Date generation equaling 220,508 MW-hours. The capacity factor for the month of January was 58.8% and the YTD is 58.8%.

Regulatory/Compliance:

Nothing to report this period.

Sound monitoring:

• Nothing to report this period.

Carbon Offset Mitigation:

• On January 24, 2020 The Climate Trust notified PacifiCorp that a series of events at the Farm Power Lynden carbon offset project may constitute a material adverse event according to our agreement. To date, The Climate Trust has delivered 61,762 Verified Emission Reductions (VER’s). PacifiCorp had contracted for up to 70,000 VER’s. We expect that they will deliver an additional 6,501 VER’s for the current reporting period, leaving the cumulative delivery short by 1,737 VER’s. PacifiCorp will summarize the compliance status of EFSEC Order No. 836 in a letter to EFSEC staff by the end of February 2020.
Respectfully,

Mark A. Miller--P75451
Manager, Gas Plant
Chehalis Generation Facility
EFSEC Monthly Operational Report
Grays Harbor Energy Center

December 2019

Safety and Training

- There were no accidents or injuries during the month and the plant staff has achieved 4016 days without a lost time incident.
- Conducted annual Electrical Safety refresher training.

Environmental & Compliance

- There were no air emissions, outfall or storm water deviations, during the month.
- All routine reporting was completed for the month.
- Submitted a revised/updated NPDES O&M Manual to EFSEC Staff.
- Submitted a revised/updated SPCCP to EFSEC Staff.

Operations & Maintenance

- Grays Harbor Energy Center (GHEC) operated 31 days during the month, with 0 starts on U1, and 0 starts on U2.
- GHEC generated 422,844 MWh during the month and 3,398,813 MWh YTD.
- The plant capacity factor was 92.1% for the month and 62.6% YTD.

Noise and/or Odor

- None.

Site Visits

- None.

Other

- AGP PSD Amendment – kickoff meeting scheduled for 14JAN19 1300 with EFSEC at the UTC Bldg.
EFSEC Monthly Operational Report
Grays Harbor Energy Center

January 2020

Safety and Training

- There were no accidents or injuries during the month and the plant staff has achieved 4016 days without a lost time incident.
- Completed annual First Aid/AED/CPR training.
- Completed annual Respirator training and fit testing.

Environmental & Compliance

- There were no air emissions, outfall or storm water deviations, during the month.
- All routine reporting was completed for the month.

Operations & Maintenance

- Grays Harbor Energy Center (GHEC) operated 29 days during the month, with 3 starts on U1, and 2 starts on U2.
- GHEC generated 243,077MWh during the month and 243,077MWh YTD.
- The plant capacity factor was 52.7% for the month and 52.7% YTD.

Noise and/or Odor

- None.

Site Visits

- None.

Other

- AGP PSD Amendment – kickoff meeting occurred on 14JAN19 1300 with EFSEC staff at the UTC Bldg.
Notice of Extension of Opportunity for Public Comment

Title V Air Operating Permit for
Grays Harbor Energy, LLC
Electrical Generating Facility
Elma, WA

What projects are proposed?


In accordance with Revised Code of Washington (RCW) 80.50 and Washington Administrative Code (WAC) 463-78-010 and WAC 463-78-005, NOTICE is hereby given that the Washington State Energy Facility Site Evaluation Council (EFSEC) has made a tentative determination to issue for public comment an Air Operating Permit (AOP) and associated Technical Support Document (TSD) Permit No. EFSEC/XXXX-XX. The Grays Harbor Energy Center is located at 401 Keys Rd, Elma WA 98541. Permit compliance will be governed by applicable provisions of RCW 80.50, WAC 463-78, and WAC 463-70.

The facility is referred to as the Grays Harbor Energy Center (GHEC). GHEC is capable of generating up to 650 megawatts (MW) of electricity from a combined-cycle power plant comprised of two combustion turbines, each equipped with a duct burner and heat recovery steam generator and a single steam turbine and bank of cooling towers shared in common. GHEC also operates an auxiliary boiler, a diesel emergency generator and an emergency fire water pump. Commercial operation of GHEC began on April 25, 2008.

The GHEC has the potential to emit several regulated air pollutants above their major source thresholds. In addition, GHEC is an affected source under Title IV (Acid Deposition Control) of the federal Clean Air Act, which independently triggers the requirement to obtain a Title V AOP. AOPs are required pursuant to Title V of the Federal Clean Air Act and are designed to help ensure compliance with applicable air quality regulations and standards. Because GHEC is capable of generating up to 650 MW of electricity and is a “major source” as defined in WAC 173-401-200(19), GHEC is required to operate under an AOP issued by EFSEC.

What is EFSEC proposing to do?
EFSEC is proposing to issue AOP No. EFSEC/XXXX-XX and associated TSD.
How can you review the proposed permits?
Copies of the proposed No. EFSEC/XXXX-XX and the associated TSD are available at:


- EFSEC
  621 Woodland Square Loop
  PO Box 43172
  Lacey, WA 98503-3172

The commenting period for this proposal has been extended. You may comment on the proposed permit and supporting documents from Monday, February 10, 2020 through close of business on Wednesday, March 11, 2020, on the EFSEC website at [https://comments.efsec.wa.gov](https://comments.efsec.wa.gov) or in writing to the EFSEC office (see address above).

Can a decision be appealed?
Yes. This Order is subject to review pursuant to the WAC 463-78-140(3).

For more information about the draft AOP and TSD, contact Ami Kidder at (360) 664-1305 or ami.kidder@utc.wa.gov

To request ADA accommodation or materials in a format for the visually impaired, contact the EFSEC office at (360) 664-1345.
Washington Nuclear Project 1 and 4 (WNP-1/4)
No updates to report.

Columbia Generating Station (CGS)
No updates to report.
Washington Nuclear Project 1 and 4 (WNP-1/4)
No updates to report.

Columbia Generating Station (CGS)
No updates to report.
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 2020:

<table>
<thead>
<tr>
<th>Project</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kittitas Valley Wind Power Project</td>
<td>10%</td>
</tr>
<tr>
<td>Wild Horse Wind Power Project</td>
<td>10%</td>
</tr>
<tr>
<td>Columbia Generating Station</td>
<td>25%</td>
</tr>
<tr>
<td>Columbia Solar</td>
<td>14%</td>
</tr>
<tr>
<td>WNP-1</td>
<td>3%</td>
</tr>
<tr>
<td>Whistling Ridge Energy Project</td>
<td>3%</td>
</tr>
<tr>
<td>Grays Harbor 1&amp;2</td>
<td>13%</td>
</tr>
<tr>
<td>Chehalis Generation Project</td>
<td>11%</td>
</tr>
<tr>
<td>Desert Claim Wind Power Project</td>
<td>8%</td>
</tr>
<tr>
<td>Grays Harbor Energy 3&amp;4</td>
<td>3%</td>
</tr>
</tbody>
</table>

Date: 01/09/2020

Sonia E. Bumpus, EFSEC Manager