



Washington State Energy Facility Site Evaluation Council AGENDA

MONTHLY MEETING
Tuesday, August 21, 2018
1:30 PM

1300 S Evergreen Park Drive SW
Olympia, WA 98504
Meeting Room 206

- 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**..... Kathleen Drew, EFSEC Chair
 - July 17, 2018
 - 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. Grays Harbor Energy Center
 - Operational Updates..... Chris Sherin, Grays Harbor Energy
 - d. Columbia Generating Station
 - Operational Updates..... Mary Ramos, Energy Northwest
 - e. WNP – 1/4
 - Non-Operational Updates..... Mary Ramos, Energy Northwest
 - f. Chehalis Generation Facility
 - Operational Updates..... Mark Miller, Chehalis Generation
 - g. Desert Claim
 - Project Update..... Amy Moon, EFSEC Staff
 - h. Columbia Solar Project
 - Project Update..... Ami Kidder, EFSEC Staff
 - Recommendation to Governor..... Sonia Bumpus, EFSEC Staff
- EFSEC staff will make a presentation and the Council will consider and may take Final Action on the Recommendation Report to the Governor.*
- 6. Adjourn..... Kathleen Drew, EFSEC Chair

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

Verbatim Transcript of Monthly Council Meeting
Washington State Energy Facility Site Evaluation
Council

July 17, 2018



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3 WASHINGTON STATE
4 ENERGY FACILITY SITE EVALUATION COUNCIL
5 Olympia, Washington
6 Tuesday, July 17, 2018
7 1:30 p.m.

9 MONTHLY COUNCIL MEETING
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11 Verbatim Transcript of Proceeding
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1 APPEARANCES
2 Councilmembers:
3 KATHLEEN DREW, Chair
JAIME ROSSMAN, Department of Commerce
4 CULLEN STEPHENSON, Department of Ecology
MIKE LIVINGSTON, Department of Fish and Wildlife (via
5 phone)
MARGUERITE FRIEDLANDER, Utilities & Transportation
6 Commission (via phone)
7
8 Local Government and Optional State Agency for the
Columbia Solar Project:
9 IAN ELLIOT, Kittitas County (via phone)
10
11 Assistant Attorney General:
JON THOMPSON
12 ANN ESSKO
13
14 Administrative Law Judge:
LAURA CHARTOFF
15
16 EFSEC Staff:
17 SONIA BUMPUS
STEPHEN POSNER
18 AMI KIDDER
AMY MOON
19 STEWART HENDERSON
JOAN AITKEN
20 CHRISTINA POTIS
TAMMY MASTRO
21
22
23
24
25

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1 APPEARANCES (Continued)
2 Guests:
3 JENNIFER DIAZ, Wild Horse PSE
SCOTT LICHTENBERG, Wild Horse PSE
4 MARK MILLER, Chehalis Generating Station
ERIC MELBARDIS, EDP Renewables (via phone)
5 CHRIS SHERIN, Grays Harbor Energy
MARY RAMOS, Energy Northwest (via phone)
6 DENNIS MOSS, Utilities and Transportation Commission
KARA WARNER, Golder Associates (via phone)
7 MARK GOODIN, ORCAA (via phone)
MARLENE PFEIFER, Save Our Farms (via phone)
8 DICK CARKNER, Save Our Farms (via phone)
KATHI PRITCHARD, Save Our Farms (via phone)
9 KAREN PAULSON, Landowner, Kittitas County (via phone)
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1 OLYMPIA, WASHINGTON; JULY 17, 2018
2 1:30 P.M.
3 --o0o--
4 PROCEEDINGS
5
6 CHAIR DREW: Good afternoon. This is
7 Kathleen Drew, the Chair of the Energy Facility Site
8 Evaluation Council, and we are going to begin our July
9 monthly meeting. We will start with a call to order.
10 Ms. Mastro?
11 I mean a roll call.
12 MS. MASTRO: Department of Commerce?
13 MR. ROSSMAN: Jaime Rossman, here.
14 MS. MASTRO: Department of Ecology?
15 MR. STEPHENSON: Cullen Stephenson, here.
16 MS. MASTRO: Fish and Wildlife?
17 MR. LIVINGSTON: This is Mike Livingston, on
18 the phone.
19 MS. MASTRO: Department of Natural
20 Resources?
21 MR. ELLIOT: Yeah, I was calling about a
22 meeting with EFSEC?
23 CHAIR DREW: We are currently doing the roll
24 call for our Councilmembers, then we'll give you a
25 chance to introduce yourself just as soon as we complete

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1 that.

2 Ms. Mastro?

3 MS. MASTRO: Thank you.

4 Department of Natural Resources?

5 MR. ELLIOT: I'm one of the Councilmembers.

6 MS. MASTRO: Utilities and Transportation

7 Commission?

8 (Multiple speakers speaking.)

9 MS. FRIEDLANDER: This is Marguerite

10 Friedlander, appearing via telephone.

11 MS. MASTRO: Local Governments and Optional

12 State Agencies for the Columbia Solar Project,

13 Department of Health?

14 CHAIR DREW: Kelly Cooper is excused.

15 MS. MASTRO: Kittitas County?

16 MR. ELLIOT: Ian Elliot.

17 MS. MASTRO: Chair, there is a quorum for

18 the regular Council and for the Columbia Solar Project

19 Council.

20 CHAIR DREW: Thank you.

21 Now, if there's anyone who is on the phone

22 and wishes to identify themselves, please do so, and I

23 would ask that afterwards, you mute your phone so it

24 doesn't interrupt the Council meeting, unless you have

25 something to say, and that would be the Councilmembers

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1 who have called in. Thank you.

2 Go ahead.

3 MS. RAMOS: Mary Ramos, Energy Northwest.

4 MR. ELLIOT: Ian Elliot, Kittitas County.

5 MS. WARNER: This is Kara Warner with Golder

6 Associates.

7 MS. PAULSON: Karen Paulson, interested

8 landowner, Kittitas County.

9 MR. GOODIN: Mark Goodin with Olympic Region

10 Clean Air Agency.

11 MS. PFEIFER: Marlene Pfeifer with Save Our

12 Farms.

13 MR. CARKNER: Dick Carkner, Save Our Farms.

14 MS. PRITCHARD: Kathi Pritchard, Save Our

15 Farms.

16 CHAIR DREW: Okay. We will now proceed to

17 item No. 3, the proposed agenda. Councilmembers have

18 received a copy of the proposed agenda. Are there any

19 changes? If not, is there a motion to approve the

20 agenda?

21 MR. ELLIOT: So moved, Ian Elliot.

22 MR. ROSSMAN: Second.

23 CHAIR DREW: Thank you.

24 All those in favor?

25 COUNCILMEMBERS: Aye.

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1 CHAIR DREW: Moving on now, we have three

2 sets of meeting minutes to walk through since -- that

3 are in the agenda under item 4. First, let's take a

4 look at the meeting minutes from May 15th, which was our

5 Council meeting in May. Is there a motion to approve

6 those minutes?

7 MR. STEPHENSON: I will so move.

8 CHAIR DREW: Second?

9 MR. ROSSMAN: Second.

10 CHAIR DREW: Are there any changes from this

11 transcript? Hearing none, all those in favor of

12 approving the minutes from May 15th, say "aye."

13 COUNCILMEMBERS: Aye.

14 CHAIR DREW: Opposed? Minutes are approved.

15 Moving on to the minutes from June 13th,

16 which was a phone Council meeting. Is there a motion to

17 approve those minutes?

18 MR. STEPHENSON: I'll so move.

19 CHAIR DREW: Second?

20 MR. ROSSMAN: Second.

21 CHAIR DREW: Okay. Any comments? All those

22 in favor, say "aye."

23 COUNCILMEMBERS: Aye.

24 CHAIR DREW: Opposed? Okay. Meetings [sic]

25 from the June 13th Council meeting are approved.

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1 And then there is the transcript of the

2 public meeting from June 26th. Is there a motion to

3 approve that transcript?

4 MR. STEPHENSON: I'll so move.

5 MR. ROSSMAN: Second.

6 CHAIR DREW: Second.

7 Any comments from Councilmembers in terms of

8 the transcript? All those in favor of approving the

9 transcript, please say "aye."

10 COUNCILMEMBERS: Aye.

11 CHAIR DREW: Opposed? The transcript from

12 the June 26th meeting is approved. Thank you.

13 Before we begin our project updates, I would

14 like to make a couple of introductions. Surprise. And

15 I'd like to first introduce Amy Moon, who joined our

16 Staff in May as an Energy Facility Site specialist.

17 Some of the Councilmembers may have met her on the tour

18 and the meeting on June 26th. But she joins us from the

19 Department of Ecology where she was the statewide

20 project manager for construction stormwater general

21 permitting, and we're happy to have you on board on our

22 Staff.

23 I'd like to also welcome back Ami Kidder,

24 who was at the May meeting and then since then has had a

25 darling baby girl and returned to us from maternity

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1 leave. So thank you. Good to see you again, Amy.
 2 And I'd also like to welcome Stewart
 3 Henderson, who started this month as a senior policy
 4 advisor who's assisting us with the EFSEC strategic
 5 review to improve our processes. He has a great
 6 background in the private sector and with state agencies
 7 leading lean process improvements and a good deal of
 8 knowledge of the energy sector. So welcome, Stewart.
 9 MR. HENDERSON: Thank you.
 10 CHAIR DREW: So with that, I'd like to go to
 11 our project updates beginning with the Kittitas Valley
 12 Wind Project.
 13 Eric Melbardis?
 14 MR. MELBARDIS: Good afternoon, Chair Drew,
 15 EFSEC Council. This is Eric Melbardis with EDP
 16 Renewables for the Kittitas Valley Wind Power Project.
 17 I have two reports for you, and I'm hoping you have them
 18 both too in your packets.
 19 For May 2018, everything operationally was
 20 routine. If you recall from a few months back, we did
 21 receive a request to curtail a turbine for shadow
 22 flicker mitigation. We -- in -- in looking at the
 23 property and the claim, the company has denied the
 24 request, and it was based on the layout of the property
 25 and compared to the requirements for shadow flicker

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1 mitigation in the FCA.
 2 The FCA states that we have to -- we have to
 3 mitigate if the residence is within 2500 feet of an
 4 [interruption on bridge line.] And in this situation,
 5 there is no residence, it's an empty lot, and it was
 6 greater than 2500 feet from the turbine. I think we had
 7 it listed as around 3500 feet away. Um --
 8 CHAIR DREW: Thank you. Oh, did you have
 9 more on that issue? I actually would just want to make
 10 a clarifying comment, and that is, that one of the
 11 requirements is that there should -- needs to be a
 12 structure so there's actually a receptor; is that
 13 correct?
 14 MR. MELBARDIS: That's -- that's correct.
 15 CHAIR DREW: And there is no structure, it's
 16 an empty lot?
 17 MR. MELBARDIS: That's correct.
 18 CHAIR DREW: Okay. Are there other
 19 questions from Councilmembers on this issue? Okay.
 20 MR. ELLIOT: I have a question. If there is
 21 a structure on the lot at some later date, does the
 22 distance still preclude it from being rejected?
 23 MR. MELBARDIS: Yes, the -- the shadow
 24 flicker studies, basically it's not -- it's not just
 25 that you can be standing and looking and seeing the sun

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1 through the blades of the turbine as -- as it rotates.
 2 It's -- shadow flicker's specifically when it hits
 3 receptors, meaning windows or other glass, and it
 4 actually shines alternating flashes inside the
 5 residence. So it looks -- in the FCA, it says that it
 6 would have to have had a structure on it before 2003 or
 7 permitted for the structure before 2003 and be within
 8 2500 feet.
 9 CHAIR DREW: Okay.
 10 MR. ELLIOT: Okay.
 11 CHAIR DREW: Thank you very much. And do
 12 you have further reports?
 13 MR. MELBARDIS: Yes, I do. For June 2018,
 14 no complaints. We're in compliance. I will point out
 15 we had an incredibly windy month. We were at 54 percent
 16 capacity factor, and that's all I have.
 17 CHAIR DREW: Okay. Thank you very much.
 18 Moving on to Wild Horse Wind Power Project,
 19 Jennifer Diaz. And you have a guest with you.
 20 MS. DIAZ: I do.
 21 MR. LICHTENBERG: Yeah.
 22 CHAIR DREW: Welcome. Push the button.
 23 MS. DIAZ: Do I have to hold it? All right.
 24 CHAIR DREW: I think you pushed it on.
 25 MS. DIAZ: Let's try that. Ah.

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1 CHAIR DREW: There you go.
 2 MS. DIAZ: Very good. All right. Thank
 3 you, Chair Drew and Councilmembers and Staff. For the
 4 record, my name is Jennifer Diaz. I'm with Puget Sound
 5 Energy at the Wild Horse Wind Facility, and to my right
 6 here is Scott Lichtenberg. He is our new plant manager.
 7 He's actually been at Wild Horse for a year and a half.
 8 He has been with PSE for 33 years, and prior to Wild
 9 Horse, he worked at our Electron Project and Gas First
 10 Response, Safety Department, and at our Snoqualmie Falls
 11 Hydro Facility. So he brings a lot of experience to
 12 Wild Horse, and we're very pleased to have him.
 13 CHAIR DREW: Thank you.
 14 MS. DIAZ: I'm going to provide our updates
 15 for the month of May and June, and then I'm going to
 16 turn it over to Scott to give an update on a small
 17 wildland fire that we had within the wind farm boundary.
 18 CHAIR DREW: Okay. Thank you.
 19 MS. DIAZ: So my first update is according
 20 to the TAC Rules of Procedures, the TAC is required to
 21 meet once per calendar year unless additional or fewer
 22 meetings are agreed to by a majority of TAC members
 23 voting. In lieu of a meeting this year, PSE proposed to
 24 provide the 2018 annual TAC update by email this year
 25 due to a couple of factors. One, the likelihood that

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1 EFSEC would not have a new TAC facilitator until later
 2 this year, since Jim LaSpina has left EFSEC; and two,
 3 that there are no significant updates or actions
 4 requiring TAC consideration at this time.
 5 The TAC did vote by email seven to two in
 6 favor of PSE's motion to provide an update to the TAC
 7 via email in lieu of holding an in-person meeting in
 8 2018, and the email update will be sent to the TAC
 9 members by this Friday, June 20th.
 10 CHAIR DREW: Thank you.
 11 MS. DIAZ: And then I thought I'd provide an
 12 update on our Eagle Conservation Plan and Eagle Permit.
 13 The final draft of the Eagle Conservation Plan and the
 14 revised draft of the Environmental Assessment was
 15 submitted to U.S. Fish and Wildlife Service on
 16 January 23rd, 2018.
 17 The next steps are for the U.S. Fish and
 18 Wildlife Service to review and provide input and
 19 revisions to the Environmental Assessment prior to the
 20 public review and comment period.
 21 After review and comment, the Service will
 22 make a determination of whether to issue an Eagle
 23 Incidental Take Permit. And that's all I have. I'm
 24 happy to answer any questions about that update before
 25 turning it over to Scott.

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1 CHAIR DREW: Are there any questions?
 2 Thank you very much. Welcome.
 3 MR. LICHTENBERG: Thank you. This is --
 4 this is uncomfortable. Thanks for having me. I was
 5 told I was going to give an update on our small, little
 6 fire that we had on the project. Our first, as I
 7 understand it, that we've had on the property.
 8 9 o'clock in the morning, Monday, July 2nd,
 9 one of our employees noticed a small plume of smoke out
 10 between A and B line on our property. We immediately
 11 called 911. Jennifer, myself, and another employee
 12 responded to the site of where we saw the smoke coming.
 13 We also took a 500-gallon water buffalo with us that we
 14 have onsite for fighting fires.
 15 We dispatched that. One of the employees
 16 went down there and started putting out the hot spots,
 17 waiting for first response, which arrived in about 20
 18 minutes, which was fantastic. They showed up with two
 19 water trucks, then two off-road tanker trucks and
 20 approximately 16 responders. It was phenomenal
 21 response. They also had a helicopter on standby just in
 22 case.
 23 We're lucky. The fire actually started in a
 24 rocky ravine, so there wasn't a whole lot of fuel there
 25 for it to ignite. And the wind, although it was very

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1 windy, it was 35, 45-mile-an-hour gusts, was going right
 2 over the top of it. So it wasn't affected by the wind
 3 that much. So we estimated the -- the damage when all
 4 was said and done at two acres or less. We had -- oh,
 5 let me see here. DNR sent out a fire investigator to
 6 try and determine the cause of the fire. The results of
 7 their investigation was inconclusive.
 8 We should point out, or I will point out
 9 that -- and you might be aware of this -- we've had
 10 several lightening strikes over the past several weeks
 11 over there, and I think we've been on the news even with
 12 a couple of our fires down there by Vantage. So I
 13 don't -- we don't know if that had anything to do with
 14 it. I have to go with the experts and they said
 15 inconclusive so...
 16 CHAIR DREW: Thank you. Was it, then, away
 17 from roadways?
 18 MR. LICHTENBERG: Yes, yeah. It was
 19 between -- literally between two of our lines, A and B,
 20 in a -- in a rocky ravine. There was nowhere -- we
 21 started thinking, would anybody camp down there. Would
 22 there be any reason for someone to be down there. We
 23 can't think of it so...
 24 CHAIR DREW: Okay. Thank you.
 25 Any other questions?

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1 Thank you very much, and good work. We're
 2 glad that was successfully put out and didn't spread.
 3 MR. LICHTENBERG: Yeah.
 4 CHAIR DREW: So good news for all of us.
 5 Moving on to Grays Harbor Energy Center.
 6 Go ahead.
 7 MR. SHERIN: Good afternoon, Chairman Drew
 8 and Councilmembers. I'm Chris Sherin, plant manager for
 9 Grays Harbor Energy Center. The only items I'll note
 10 from June's operating -- operational report would be --
 11 out of the norm would be our -- we did finalize the
 12 scheduling of our Relative Accuracy Test Audit. The
 13 test dates were August 15th through the 17th.
 14 Also of a significant note is our PSD or
 15 Prevention of Significant Deterioration Air Permit,
 16 Amendment 4. An effective date of September 1st was
 17 finalized, and we're in the process of implementing our
 18 continuous emissions monitoring system changes, and the
 19 one logic change for our ammonia injection. So that'll
 20 be -- should be complete by the end of the month, and
 21 that's -- that's it.
 22 CHAIR DREW: Okay. And I know that
 23 Ms. Bumpus from EFSEC Staff also has comments she would
 24 like to make.
 25 MS. BUMPUS: Yes. Thank you, Chair Drew.

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1 Good afternoon, Councilmembers. At the May
 2 15th Council meeting -- this is just a follow-up on the
 3 update for the PSD Permit. At the May 15th Council
 4 meeting, the Council made a preliminary determination to
 5 approve the Draft Prevention of Significant
 6 Deterioration and Notice of Construction Permit. EFSEC
 7 Staff conducted a public comment period on the Draft
 8 Permit documents from May 16, 2018, to June 14th.
 9 We did not receive any public comments, and
 10 so we proceeded with finalizing the permit documents for
 11 signatures. The contractor for EFSEC at Ecology, Scott
 12 Inloes, our engineer who developed the permit, has
 13 signed the permit and Chair Drew signed the permit on
 14 July 12th, 2018. And it has been sent to the permittee
 15 at this point.
 16 CHAIR DREW: Okay. So we will be in place
 17 for that permit to be in order as of September 1st?
 18 MS. BUMPUS: Correct.
 19 CHAIR DREW: Okay. Any questions from
 20 Councilmembers?
 21 Okay. Thank you very much.
 22 MR. SHERIN: Thank you.
 23 CHAIR DREW: Columbia Generating Station,
 24 Mary Ramos?
 25 MS. RAMOS: Good afternoon, Chair Drew and

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1 EFSEC Councilmembers. This is Mary Ramos with Energy
 2 Northwest.
 3 CHAIR DREW: And I believe this is also your
 4 first time in this role for us?
 5 MS. RAMOS: Yes, it is.
 6 CHAIR DREW: Welcome.
 7 MS. RAMOS: Thank you.
 8 Columbia is online at 100 percent power, and
 9 I have two items to report for Columbia. One is
 10 regarding our evaporation pond line break. On June
 11 4th --
 12 CHAIR DREW: If I can interrupt for just a
 13 second. If I could ask you to -- I don't know if we can
 14 turn up the volume. It's pretty low.
 15 MS. RAMOS: Okay.
 16 CHAIR DREW: There we go. Better.
 17 MS. RAMOS: All right. I'll start over. So
 18 Columbia is online at 100 percent power, and I have to
 19 two items to report. One is on our evaporation pond
 20 line break. On June 4th, Columbia discovered a PVC pipe
 21 failure at the facility's evaporation pond, and the
 22 pipe -- the failed pipe caused a portion of the hillside
 23 to be washed out and some of the soil to be deposited
 24 into our evaporation pond No. 2.
 25 The water released contained backwash water

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1 from our potable water filter plant, reverse osmosis
 2 filtrate, and fire test water. And all of these are
 3 permitted under our NPDES Permit to be utilized for
 4 construction water or road watering. So the water
 5 release was not radiologically contaminated and does not
 6 result in a threat to human health or the environment.
 7 There was no release to surface water.
 8 Energy Northwest completed all the required
 9 notifications, that includes the 24-hour immediate
 10 notification and also a written follow-up notification
 11 within five days of discovery. We have also completed
 12 the repair of the pipe and we are waiting for the water
 13 level in the evaporation pond No. 2 to decrease later
 14 this summer. And at that point, we will remove the
 15 minimum -- the minimal amount of sediment that was
 16 deposited and place that into the original water source.
 17 CHAIR DREW: Thank you for that report.
 18 Are there any questions from Councilmembers?
 19 No? Okay.
 20 MS. RAMOS: And then also for Columbia, we
 21 will be updating our Operations and Maintenance Manual
 22 for our evaporation ponds to allow the use of chemicals
 23 for algae and vegetation control. And we will be
 24 sending a letter to EFSEC requesting concurrence for
 25 that proposed revision.

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1 CHAIR DREW: Okay. Thank you.
 2 Any other questions?
 3 Then on WNP 1/4. There's -- looks like
 4 there's no change.
 5 MS. RAMOS: That's correct. No change.
 6 CHAIR DREW: And then I see there was also a
 7 May report. Is there anything you wanted to touch on in
 8 the May report?
 9 MS. RAMOS: On the May report?
 10 CHAIR DREW: It looks like there was just a
 11 forced outage and was asked because of the high water
 12 level in BPA.
 13 MS. RAMOS: Oh, that -- that's correct. So
 14 we experienced a six-day forced outage in May. This was
 15 due to one of the station's main power transformers
 16 automatically disconnecting from the transmission system
 17 because of the grid disturbance. And we were asked by
 18 BPA to delay our start -- startup because of the
 19 Economic Dispatch Request.
 20 CHAIR DREW: Because we had -- BPA was
 21 experiencing a lot of energy from the hydro facilities.
 22 MS. RAMOS: That's correct.
 23 CHAIR DREW: Okay. Just for those who may
 24 not know how the system interacts there.
 25 Okay. Thank you very much for your

<p style="text-align: right;">Page 21</p> <p>1 comments.</p> <p>2 MS. RAMOS: Thank you.</p> <p>3 CHAIR DREW: Moving on to Chehalis</p> <p>4 Generation Facility.</p> <p>5 Mark Miller?</p> <p>6 MR. MILLER: Good afternoon, Chair Drew and</p> <p>7 Councilmembers and Staff. My name is Mark Miller. I'm</p> <p>8 the plant manager at the PacifiCorp Chehalis Generation</p> <p>9 Facility. I have one nonroutine comment. In the -- for</p> <p>10 the month of May, we completed our 24-day outage, which</p> <p>11 we inspected both combustion turbines, replaced turbine</p> <p>12 controls, inlet filters, and also of significance,</p> <p>13 replaced the SCR, the -- the selective catalytic</p> <p>14 reduction ox- -- catalyst for those air emission control</p> <p>15 units.</p> <p>16 Those had not been replaced since startup</p> <p>17 in 2003, and so that was -- they had -- hadn't really</p> <p>18 lost performance, but we felt it was prudent to change</p> <p>19 those out during that long window of opportunity. There</p> <p>20 are no other comments for the June report. Are there</p> <p>21 any questions?</p> <p>22 CHAIR DREW: Any questions from</p> <p>23 Councilmembers?</p> <p>24 MR. MILLER: Thank you.</p> <p>25 CHAIR DREW: Thank you.</p>	<p style="text-align: right;">Page 23</p> <p>1 amendment process was to understand what those visual</p> <p>2 impacts would be. So we are following up to get that</p> <p>3 information to the Council and to the public. Thank</p> <p>4 you.</p> <p>5 Columbia Solar Project, Ms. Bumpus?</p> <p>6 MS. BUMPUS: Yes. So -- so EFSEC recently</p> <p>7 conducted a 32-day public comment period on the five</p> <p>8 draft site certification agreements for the Columbia</p> <p>9 Solar Project. EFSEC Staff have completed a review of</p> <p>10 the comment submissions, and we've identified some of</p> <p>11 the substantive comments related to each of the SCAs.</p> <p>12 For purposes of the presentation today, I've</p> <p>13 grouped these extracted comments, if you will, from the</p> <p>14 submissions into a list of issues that I'm going to</p> <p>15 summarize. And as I talk about each of the issues, I'll</p> <p>16 also discuss whether there are any proposed changes from</p> <p>17 Staff to the SCAs in light of the comments.</p> <p>18 One other thing I wanted to mention before I</p> <p>19 talk about the different issues is that we did receive</p> <p>20 five verbal comments at the public comment meeting that</p> <p>21 we had in Ellensburg, Washington, on June 26th for this</p> <p>22 project. The Council heard comment on the five draft</p> <p>23 SCAs, and we also totaled all of the other submissions</p> <p>24 that we received handwritten, electronic submissions,</p> <p>25 whether email or submitted through our comment database</p>
<p style="text-align: right;">Page 22</p> <p>1 Moving on to the Desert Claim project</p> <p>2 update, and I believe that's Ms. Bumpus?</p> <p>3 MS. BUMPUS: Yes, thank you. The Council</p> <p>4 took a visit out to the Desert Claim's site on June</p> <p>5 26th. They were able to go out and look at some of the</p> <p>6 areas that are new areas proposed in the SCA amendment.</p> <p>7 And we also have talked a little bit about the changes,</p> <p>8 the other changes such as the turbine size and things</p> <p>9 like that, location changes.</p> <p>10 We've also been working on reviewing the</p> <p>11 Applicant's or rather the certificate holder's responses</p> <p>12 to Data Request 2. We have a few additional questions</p> <p>13 for them. We're preparing a Data Request 3, and</p> <p>14 primarily the questions are focused on things regarding</p> <p>15 visual impacts. So we're -- we're working to -- to</p> <p>16 gather some more data so that we can get a better</p> <p>17 understanding of potential visual impacts, if any, in</p> <p>18 light of the SCA changes. So we will keep the Council</p> <p>19 updated as that work continues.</p> <p>20 CHAIR DREW: And just an additional comment,</p> <p>21 thank you for that, the Council knows that perhaps not</p> <p>22 everybody attending that the Site Certificate --</p> <p>23 Certificate Amendment includes fewer turbines that are</p> <p>24 taller, and the -- one of the main comments we heard</p> <p>25 from the public in the -- in the public hearing in the</p>	<p style="text-align: right;">Page 24</p> <p>1 online, and those totaled 32. So we've had about 37</p> <p>2 submissions total to review for -- for substantive</p> <p>3 comment.</p> <p>4 If there aren't any questions about that,</p> <p>5 I'll go ahead and -- and move forward with talking about</p> <p>6 the issues.</p> <p>7 CHAIR DREW: Please do.</p> <p>8 MS. BUMPUS: So the -- the first issue that</p> <p>9 we heard about was -- sort of falls under this Earth</p> <p>10 resources if you're thinking about it in terms of SEPA.</p> <p>11 We heard comments that related to the loss of prime</p> <p>12 farmland, prime irrigated farmland, and we also heard</p> <p>13 comments related to soil impacts. And this also goes</p> <p>14 into whether you can restore the soil once you've</p> <p>15 decommissioned the facility and removed the structures</p> <p>16 from the site.</p> <p>17 So in addressing the concerns about the loss</p> <p>18 of prime farmland and soil impacts, we looked at our</p> <p>19 SCA, and we already have a requirement in Article 4 that</p> <p>20 the certificate holder submit an initial site</p> <p>21 restoration plan prior to construction. It needs to be,</p> <p>22 you know, prepared prior to restoration as well.</p> <p>23 There's what's called a detailed site restoration plan</p> <p>24 that has a lot more detail in it, and this is in Article</p> <p>25 8.</p>

<p style="text-align: right;">Page 25</p> <p>1 So we -- we felt like this was a pretty 2 well-covered issue. It also -- the SCA also includes 3 that the initial site restoration plan include the 4 requirement to restore any disturbed soils to their 5 previous condition. So, again, we -- we felt like this 6 comment was pretty well-addressed in the requirement as 7 they are in the site certification agreements. And I'm 8 sorry, I should have mentioned this at the start, this 9 applies to all -- this comment applies to all five of 10 the site certification agreements that we put out for 11 comment.</p> <p>12 So I want to add some background about this 13 issue, because it is an issue we heard during the SEPA 14 process before we issued the revised Mitigated 15 Determination of Nonsignificance. EFSEC, back at that 16 time, had consulted with the Department of Agriculture 17 on this issue. We -- we also consulted with our 18 consultant and the Applicant as well, and we identified 19 soil amendments as an approach in the revised MDNS.</p> <p>20 Of course, we've heard this issue again 21 during the public comment on the SCAs, and so EFSEC 22 Staff went back to the Department of Agriculture and 23 consulted again with them on whether they had any 24 concerns about the approach to restore the site. And 25 Agriculture said they had no concerns with the site</p>	<p style="text-align: right;">Page 27</p> <p>1 Applicant proposes to use are silicone panels, which do 2 not contain that compound; however, we understand that 3 the compound is still in use. Some manufacturers do use 4 it to produce their panels, and also, the SCAs do not 5 currently bind the Applicant to install a specific 6 panel.</p> <p>7 So in light of that, we talked to the 8 Applicant a bit more, and we thought it would be ideal 9 to add some additional language that the Applicant would 10 identify any -- any processes for handling contaminated 11 materials specifically from the panels. So this would 12 be in Article 4 and likely Article 8.</p> <p>13 And so, again, there's already -- there are 14 already sections of the SCAs that require that they 15 properly dispose of the materials when they decommission 16 and restore the site, but we can add a little bit more 17 detail here that's specific to the panels.</p> <p>18 The other one, and this overlaps quite a bit 19 with this change to the SCA, is the one for salvage. 20 There were concerns about salvaging the equipment to the 21 extent possible from commenters. And so we -- we did 22 check the SCA, and Article 4 already requires that the 23 Applicant include salvaging and disposal of waste 24 materials in their initial site restoration plan that 25 they would submit to EFSEC.</p>
<p style="text-align: right;">Page 26</p> <p>1 remediation of this project and also no concerns 2 that -- with the feasibility of using soil amendments to 3 restore the site.</p> <p>4 For another sort of overlapping issue that 5 we heard about, this related to soil impacts and 6 restoration, was the type of oversight that EFSEC would 7 have during site restoration activities. This is, you 8 know, years down the road. So EFSEC did already have 9 the requirement for a detailed site restoration plan; 10 however, Staff is proposing that we add a requirement 11 that a qualified biologist review the certificate 12 holder's detailed site restoration plan and activities 13 and efforts on behalf of EFSEC.</p> <p>14 This requirement or, you know, language 15 would be added under Article 8, Part C. So the 16 requirement, I think, is -- the issue is addressed, I 17 think, but this gives a little bit more detail and 18 specifies the -- I think more to the types of 19 credentials the individual would have that we would have 20 on site to oversee on our behalf.</p> <p>21 The next set of issues is also related to 22 Earth, but this has to do with site contamination and 23 salvage. So for concerns that we heard about the 24 potential for toxic metals such as cadmium telluride 25 causing onsite contamination. The current panels the</p>	<p style="text-align: right;">Page 28</p> <p>1 The details of how the salvaging would be 2 done, what materials would be salvaged would be 3 documented in a detailed site restoration plan years 4 later, and this would be reviewed and approved by the 5 Council. So the certificate holder would not be able to 6 move forward with restoration activities until the 7 Council approves that.</p> <p>8 So moving on to the next issue. We heard 9 concerns about wetlands as well. Multiple commenters 10 raised concerns about impacts to wetlands, the question 11 about specific buffers to be used and mitigation 12 standards that apply. So Staff proposes that we add a 13 bit more of clarifying language to each of the SCAs that 14 final wetland buffers, setbacks, and wetland mitigation 15 be determined by EFSEC in consultation with Ecology, and 16 that buffers would not be reduced from what the 17 Applicant initially proposed in the application. These 18 details are still being worked out and -- and this is 19 something that we would identify during the micro-siting 20 process.</p> <p>21 We did discuss with the Applicant adding the 22 requirement for our Wetland Mitigation Plan that would 23 also include all final buffers and identify final 24 standards used. We would add this -- add this 25 requirement for the plan, and it would also be reviewed</p>

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1 by the EFSEC and approved prior to construction. This
 2 language would be added to Article 4, and it's
 3 specifically Part E 2, where wetland streams and
 4 repairing areas are covered.
 5 The next issue was a site-specific comment
 6 that we heard for Typha specifically, and this had to do
 7 with visual impacts specially for the view shed between
 8 the golf course and the Typha site. This was something
 9 that we've heard about during the SEPA process as well.
 10 Our understanding was at the time, that the Applicant
 11 had incorporated visual buffers into its design based
 12 off some of this feedback. We did go back and talk to
 13 the Applicant again about this issue, and they have
 14 agreed to incorporate additional plantings on the
 15 southern boundary of the Typha project site.
 16 We are thinking here that this commitment
 17 will help address this concern. We would incorporate
 18 this measure into Attachment 1 for the Typha Site
 19 Certification Agreement. And just to remind everyone,
 20 the Attachment 1 is attached to all five of the site
 21 certification agreements, and it contains all of the
 22 site-specific conditions. So this condition wouldn't be
 23 added to all of the other SCAs, it would just be for
 24 Typha's Attachment 1.
 25 So that concludes the -- the bigger issues

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1 that we extracted that we thought warranted some, you
 2 know, a few substantive tweaks to the SCA.
 3 CHAIR DREW: So can we pause for a second
 4 there --
 5 MS. BUMPUS: Of course.
 6 CHAIR DREW: -- and see if Councilmembers
 7 have any questions about the information that was just
 8 provided? Okay.
 9 MR. ROSSMAN: Oh, I have one.
 10 CHAIR DREW: Oh, I was listening, so I
 11 didn't see you. Go ahead, Mr. Rossman.
 12 MR. ROSSMAN: Thank you.
 13 Ms. Bumpus, I -- I recall some comments too
 14 about water rights, and I know that I've seen something
 15 about mitigation of the water rights, but can you just
 16 tell me what the -- what the conclusion of that is in
 17 terms of what the SCAs would require around maintaining
 18 water rights? Thank you.
 19 MS. BUMPUS: Right. So we -- we do have a
 20 requirement in each of the Attachment 1s for four of the
 21 site certification agreements that address the water
 22 rights concern. And it -- it basically requires that
 23 the certificate holder provide some level of assurance,
 24 and I was just going to dig it out to verify, but it
 25 essentially requires that they provide some level of

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1 assurance to EFSEC that the -- the shares for the water
 2 will be maintained during the life of the facility.
 3 The idea being that that water would be --
 4 by maintaining the shares for the water, the landowner
 5 would continue to have access to those shares even after
 6 the site is restored. So if they, for instance, chose
 7 to have the -- the facility decommissioned and -- and
 8 they wanted to go back to using the land for
 9 agricultural purposes, they would have the water they
 10 need to do that.
 11 CHAIR DREW: And just to clarify, that is
 12 that the Applicant won't have those shares, but the
 13 landowner will?
 14 MS. BUMPUS: Correct.
 15 CHAIR DREW: Okay. Any other questions?
 16 Okay.
 17 MS. BUMPUS: Okay. Now, there are just a
 18 few other things I'll note very quickly that are minor
 19 changes that we would make. We need to add some page
 20 numbers to the attachments. We did hear that we did not
 21 put page numbers on the attached documents, so that
 22 obviously needs to be done.
 23 We're also going to add footnotes within the
 24 Site Certification Agreement document to indicate where
 25 a mitigation measure is referring to an MDNS document --

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1 or sorry, the revised MDNS or the application itself and
 2 specifically where. The application is a large
 3 document, and so we'll -- we'll try to add some
 4 specificity there so that it's easier to find in the
 5 future if you're looking to find the details of a
 6 mitigation measure.
 7 The other thing is that we did identify a
 8 reference to WAC 463-42-655. It's in Part D of Article
 9 4. That WAC is an old WAC and it no longer applies.
 10 The correct rule that we need to add here is 463-72-040,
 11 and this is the WAC that addresses the initial site
 12 restoration plan.
 13 The only other change that would be needed
 14 there in that stanza is that they would -- the
 15 certificate holder would be required to submit the plan
 16 within 90 days prior to site preparation, not the 60
 17 days that it says now. I believe it says 60 now. So we
 18 would correct that. I will also check and see if
 19 there's any other references to that WAC anywhere else
 20 and make sure that those sections are corrected as well.
 21 So if there's no concerns about that, I'll
 22 go ahead and move forward.
 23 CHAIR DREW: Go ahead.
 24 MS. BUMPUS: So with the proposed changes,
 25 if Council is satisfied with what Staff has proposed

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1 here, we -- we do believe that these will address the
 2 substantive issues we've discussed today. And -- and
 3 with that, it is Staff's recommendation that the Council
 4 move forward with a recommendation to approve the
 5 Columbia Solar Project, to direct Staff to finalize the
 6 five site certification agreements, and prepare the
 7 report recommending approval to the governor.
 8 CHAIR DREW: Thank you.
 9 Councilmember Rossman?
 10 MR. ROSSMAN: Chair Drew, I would like to
 11 make a motion that the Council proceed to preliminary
 12 recommend approval of the Columbia Solar Project and
 13 direct Staff to draw up a recommendation document to the
 14 governor for our next meeting.
 15 CHAIR DREW: Thank you.
 16 Is there a second?
 17 MR. STEPHENSON: I'll second.
 18 CHAIR DREW: Thank you.
 19 Discussion? Mr. Rossman?
 20 MR. ROSSMAN: Yes, thank you.
 21 MR. ELLIOT: Chair Drew?
 22 CHAIR DREW: One second, Mr. Elliot. I'm
 23 going to call on Mr. Rossman and then I'll go to you.
 24 MR. ELLIOT: Okay. Thank you.
 25 CHAIR DREW: You're welcome.

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1 MR. ROSSMAN: Thanks. I really appreciate
 2 the work that Staff has done in terms of being
 3 responsive to the comments and making sure that we've
 4 looked thoroughly at all of the environmental and other
 5 issues that have been raised, and that we took the time
 6 even within our expedited framework to have public
 7 hearing and comment on the draft agreements. And I
 8 think that's helped us get some additional site-specific
 9 conditions into these that demonstrate that they'll have
 10 minimal negative impact.
 11 And I think the project is beneficial both
 12 in terms of providing additional energy, but also in
 13 particular providing renewable energy and recognizing
 14 definitely the community concerns about the siting of
 15 these on irrigated lands, but also that these are very
 16 small projects and that the property owners are in favor
 17 of using them this way, and that this is a temporary
 18 use, and every indication that we have is that the land
 19 could be returned to agricultural use in the future. So
 20 this seems like a good project, and I'm in support of
 21 recommending approval.
 22 CHAIR DREW: Thank you.
 23 Mr. Elliot?
 24 MR. ELLIOT: Yeah, I just wanted
 25 to reiterate --

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1 CHAIR DREW: Mr. Elliot, if you could move
 2 closer or turn up the volume, please.
 3 MR. ELLIOT: Well, I have --
 4 CHAIR DREW: There. That's good.
 5 MR. ELLIOT: -- a cell phone that doesn't
 6 have a volume increase, so I'll have to --
 7 CHAIR DREW: You're good.
 8 MR. ELLIOT: -- speak louder.
 9 CHAIR DREW: You're good there.
 10 MR. ELLIOT: I just wanted to reiterate my
 11 concerns that the projects themselves were not
 12 appropriately bundled together and should have been
 13 individual projects. And I think that there is some
 14 risk that ultimately if this process or this is -- is
 15 the way that we're going to do things in the future,
 16 that there's a risk that they can be challenged, and I
 17 don't think it was appropriate because they are
 18 different projects and should have been individually
 19 applied for.
 20 I understand the Applicant wanted to save
 21 money and Staff, at that point, didn't think there was
 22 any reason or substantive reasons why they were
 23 different, although we've found out that there are
 24 differences between projects. So just wanted to state
 25 my objection to that.

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1 CHAIR DREW: Okay. Thank you very much,
 2 Mr. Elliot.
 3 Mr. Stephenson.
 4 MR. STEPHENSON: Thank you, Chair Drew. I
 5 was interested in EFSEC criteria, which require us to
 6 look at the need for a project, and so spent some time
 7 looking at that. The need has been demonstrated here in
 8 terms of providing renewable energy pursuant to federal
 9 and state standards. And so I'm comfortable with that,
 10 and I'm glad that we're continuing to look at the need
 11 for these projects, and this one will provide renewable
 12 energy that helps the state meet its goals.
 13 CHAIR DREW: Thank you.
 14 And I want to thank all the community
 15 members who expressed their concerns and their support
 16 both ways for the project, and we've worked with the
 17 Applicant to address the issues that have been brought
 18 before us throughout the process and thank the Staff for
 19 the work that they've done for that.
 20 Our process included multiple opportunities
 21 to speak to the Council and provide written comments,
 22 most recently in June, after we asked for comments on
 23 our draft site certification agreements. For those of
 24 you who don't know, this is the first time in EFSEC's
 25 history that we published our draft certification

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1 agreements for public comment, and we're just really
 2 pleased with the response of the public and our ability
 3 then to fine-tune the site certification agreements and
 4 look at the specifics.
 5 So as you've heard, we've changed our
 6 agreements in response to both our oral and written
 7 comments, and we look forward to our continuing to work
 8 with the community and the Applicant to have a
 9 successful project.
 10 I will ask now for Councilmembers to vote on
 11 the vote to approve the Columbia Solar Project. All --
 12 I will ask for a roll call vote.
 13 MS. MASTRO: Department of Commerce?
 14 MR. ROSSMAN: Aye.
 15 MS. MASTRO: Department of Ecology?
 16 MR. STEPHENSON: Aye.
 17 MS. MASTRO: Fish and Wildlife?
 18 MR. LIVINGSTON: Aye.
 19 MS. MASTRO: Natural Resources?
 20 CHAIR DREW: I don't believe there's --
 21 MS. MASTRO: Utilities and Transportation
 22 Commission is excused.
 23 MS. FRIEDLANDER: Aye.
 24 CHAIR DREW: No, she's --
 25 MS. MASTRO: Oh, she's -- I'm sorry.

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1 CHAIR DREW: She's on the phone.
 2 MS. FRIEDLANDER: Aye.
 3 CHAIR DREW: Thank you.
 4 MS. MASTRO: And Kittitas County?
 5 MR. ELLIOT: No.
 6 CHAIR DREW: We have a vote to approve the
 7 project and direct the Staff to move forward with the
 8 final documents for a recommendation to the governor.
 9 Thank you all.
 10 We now have item 6, Other, and that's our
 11 first quarter cost allocation.
 12 Mr. Posner.
 13 MR. POSNER: Good afternoon, Chair Drew,
 14 Councilmembers. As we do at the beginning of every
 15 quarter, we recalculate our nondirect costs to our
 16 certificate holders and applicants. And there is a
 17 green sheet in your packets that describes the process
 18 and also lists the percentages for the first quarter,
 19 fiscal year 2019, July 1st, 2018, through
 20 September 30th, 2018.
 21 We look at the -- to get to these numbers,
 22 we look at the past quarters' work, how much time we
 23 were spending on the different projects, and then also
 24 look -- look ahead in anticipating how much work we're
 25 going to be spending on -- on the quarter, the current

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1 quarter.
 2 So for the benefit of those folks on the
 3 phone, I'll go ahead and read the percentages. For the
 4 Kittitas Valley Wind Project, it's 8 percent; Wild Horse
 5 Wind Project, 8 percent; Columbia Generating Station, 22
 6 percent; Columbia Solar Project, 17 percent; WNP-1, 4
 7 percent; Whistling Ridge Energy Project, 3 percent;
 8 Grays Harbor 1&2, 10 percent; Chehalis Generation
 9 Project, 9 percent; Desert Claim Wind Project, 16
 10 percent; and Grays Harbor Energy 3&4, 3 percent.
 11 And that concludes my presentation. I'd be
 12 happy to answer any questions Councilmembers have.
 13 CHAIR DREW: Mr. Rossman?
 14 MR. ROSSMAN: Thanks. One thing that would
 15 be helpful would be not necessarily quarterly, but if we
 16 could maybe see just a statement of what the charges are
 17 over a whole year in terms of the dollar amount, not the
 18 allocation, both the indirect costs and direct charges.
 19 I'd just love to get a sense of -- of what those are.
 20 MR. POSNER: Sure.
 21 MR. ROSSMAN: Thank you.
 22 MR. POSNER: We can -- we can certainly do
 23 that.
 24 CHAIR DREW: I think an appropriate time to
 25 do that would be after, since this was the close of the

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1 fiscal year, then we get reports on that, we can bring
 2 that back for the past year, but that's --
 3 MR. ROSSMAN: That would be great.
 4 CHAIR DREW: Answer your question? Okay.
 5 MR. ROSSMAN: Thanks.
 6 CHAIR DREW: We have actually one additional
 7 item to come before us and that's a resolution.
 8 Commending Resolution No. 341, commending the services
 9 of Utilities and Transportation Commission Councilmember
 10 Dennis Moss, and I will read it. And he is with us.
 11 So would you like to take the witness stand
 12 in front of us?
 13 MR. MOSS: Always thought to swear me in.
 14 MS. FRIEDLANDER: This is Dennis' colleague,
 15 Marguerite Friedlander, and yes, I -- I approve the
 16 resolution (inaudible).
 17 CHAIR DREW: So whereas Dennis Moss was
 18 appointed to serve on the Washington State Energy
 19 Facility Site Evaluation Council representing the
 20 Utilities and Transportation Commission effective
 21 June 1, 2010;
 22 And whereas Dennis Moss served a second term
 23 with distinction as UTC Councilmember from
 24 June 1st, 2010, through May 31st, 2018;
 25 And whereas Dennis Moss has ably represented

<p style="text-align: right;">Page 41</p> <p>1 the interests of the citizens of the state of Washington 2 in Council deliberations during his service as UTC 3 Councilmember; 4 And whereas Dennis Moss has participated in 5 94 special or regular Council meetings. 6 We were hoping you could make a hundred. 7 And whereas Dennis Moss has participated in 8 approximately 12,303 minutes of adjudicative hearing; 9 And whereas Dennis Moss has participated in 10 the review of the Whistling Ridge Site Certification 11 Application resulting in a recommendation approved by 12 Governor Gregoire and upheld by the Washington Supreme 13 Court; 14 And whereas Dennis Moss actively 15 participated in the Council's activities during the 16 review of the application filed by Tesoro Savage for the 17 Vancouver Energy Project, including participation in 18 Public and State Environmental Policy Act public 19 meetings; 20 And whereas Dennis Moss participated in a 21 five-week adjudicative hearing, the longest in EFSEC 22 history, and 11 public comment meetings, some of which 23 involved testimony from several-hundred people for and 24 against the Tesoro Savage Project; 25 And whereas Dennis Moss participated in the</p>	<p style="text-align: right;">Page 43</p> <p>1 CHAIR DREW: Thank you. 2 With that, our meeting is adjourned. Thank 3 you. 4 (Adjourned at 2:24 p.m.) 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25</p>
<p style="text-align: right;">Page 42</p> <p>1 development and provided valuable input for the Tesoro 2 Savage Adjudicative Order and Recommendation Report, a 3 task which involved many hours analyzing an adjudicative 4 record of unprecedented size; 5 And whereas Dennis Moss' patience, judgment, 6 flexibility, level-headedness, and experience have 7 contributed greatly to the Council's collaborative 8 decision-making process; 9 And whereas Dennis Moss has served as an 10 effective and decisive Councilmember representing UTC. 11 And now, therefore, be it resolved that the 12 Energy Facility Site Evaluation Council hereby 13 recognizes Dennis Moss' vital contribution to the 14 Council over his term and expresses its gratitude for 15 his exemplary service and devotion as UTC Councilmember. 16 All those in favor? 17 COUNCILMEMBERS: Aye. 18 MR. MOSS: Thank you, Chair Drew, and I'd 19 like to extend my appreciation as well to my colleagues, 20 former colleagues, on the Council. I understand these 21 are the kind words of all of you, and I appreciate them 22 very much. I do feel a little weary after hearing all 23 of that, but it was a good experience for me, and in all 24 the many professional experiences I've had, I've never 25 worked with a finer group. Thank you.</p>	<p style="text-align: right;">Page 44</p> <p>1 CERTIFICATE 2 3 STATE OF WASHINGTON 4 COUNTY OF THURSTON 5 6 I, Tayler Garlinghouse, a Certified Shorthand 7 Reporter in and for the State of Washington, do hereby 8 certify that the foregoing transcript is true and 9 accurate to the best of my knowledge, skill and ability. 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 <p style="text-align: center;">_____ Tayler Garlinghouse, CCR 3358</p> </p>

Kittitas Valley Wind Power Project

Monthly Operations Report

July 2018

Project Status Update

Production Summary:

Power generated: 34,062 MWh
Wind speed: 8.7 m/s
Capacity Factor: 45%

Safety:

No incidents

Compliance:

Project is in compliance

Sound:

No complaints

Shadow Flicker:

No complaints

Environmental:

No incidents

Wild Horse

July 2018

Safety

No lost-time accidents or safety injuries/illnesses.

Compliance/Environmental

- As voted on by a majority of TAC members, the 2018 annual update was provided to the TAC via email in lieu of an in-person meeting (see update attached).
- In accordance with the Stormwater Pollution Prevention Plan (SWPPP) and Spill Prevention Countermeasures and Control Plan (SPCCP), annual review/training of these plans were completed with site staff.

Operations/Maintenance

Nothing to report.

Wind Production

July generation totaled 39,899 MWh for an average capacity factor of 19.67%.

Eagle Update

Nothing new to report.

Wild Horse Wind Facility Technical Advisory Committee 2018 Update



Female sage-grouse observed at Wild Horse on 12/27/17

Sage-Grouse Observation and Conservation Measures

Sage-Grouse Observation

On December 27, 2017, a sage-grouse was observed incidentally within 200 feet of turbine D31 directly adjacent to the site access road on WDFW property. At the time of the observation, the weather conditions included temperatures below freezing, fog, and no wind. Video was captured of the sage-grouse and emailed to Mike Schroeder, WDFW, who confirmed it was a female sage-grouse (Attachment 1 – Video).

On January 3, 2018 the sage-grouse was observed again in the same location. At the time of the observation, the weather conditions included temperatures below freezing, clear skies, and no wind. This observation was also captured on video.

Fence Removal

To date, approximately six miles of unnecessary fencing and barbed wire have been removed from the project area to reduce the potential for wildlife collisions.

Fence Marking

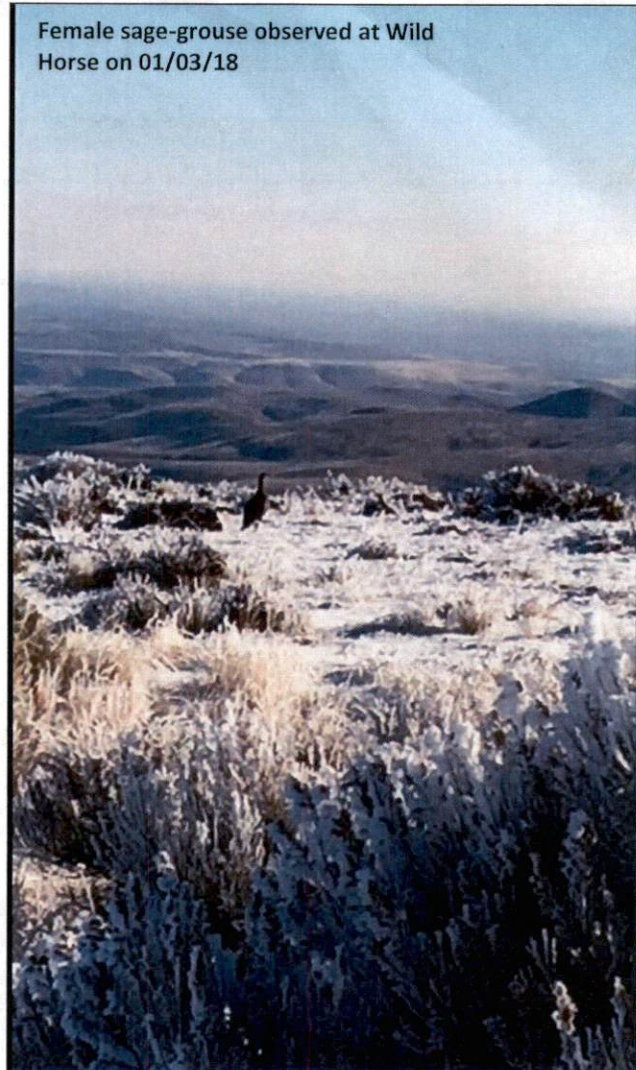
All fencing (approximately 20 miles) required for grazing has been marked with visibility markers to reduce the potential for collisions. The markers are holding up very well and show no sign of deterioration.

Raven Nest Removal

No inactive or active raven nests have been identified on PSE structures within the project boundary.

Sage-Grouse Nesting & Brood-Rearing Habitat Improvements

The 2017 sage-grouse habitat monitoring report is attached for your review (Attachment 2). This is the 2nd annual monitoring report. In 2017, PSE contracted with a Third Party, Beck Botanical Services, to complete the field work and collect data for the annual monitoring report. PSE continued to work with Beck Botanical Services in 2018, completing the two surveys on May 30th and July 18th. The results of these surveys will be provided to the TAC in the 2018 monitoring report. Monitoring of the sage-grouse nesting and brood-rearing habitat area will continue through 2020 in accordance with the Sage-Grouse Nesting & Brood-Rearing Habitat Restoration and Management Plan.



Female sage-grouse observed at Wild Horse on 01/03/18

Grazing Management and Springs Development/Restoration

During the last TAC meeting on May 31, 2017, Tip Hudson (WSU Extension) provided a comprehensive review of the CRM grazing management plan, monitoring results, and trends of utilization data collected from the project area. He also reviewed the CRM grazing schedule for the next 5 years (2017-2021). During the meeting, TAC members unanimously voted to approve the 5 year grazing plan as presented by Tip.



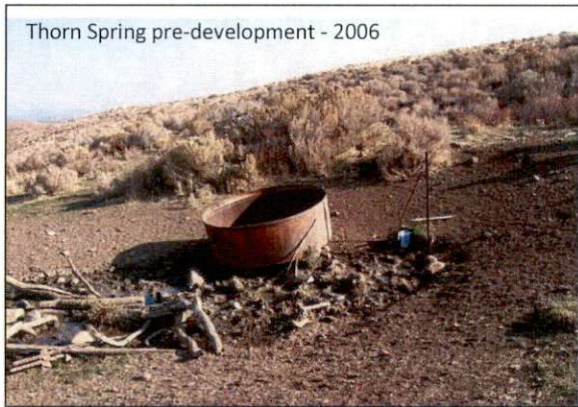
The 2017 Grazing Monitoring Report prepared by Tip is attached for your review (Attachment 3). This report includes monitoring results from the 2017 utilization measurements and observations in the Wild Horse paddocks. If you have any questions about this report please contact Tip Hudson at tipton.hudson@co.kittitas.wa.us.

In support of the Wild Horse Coordinated Resource Management (CRM) goals, PSE and the Stingley Ranch partnered in 2009 to redevelop 11 springs throughout the project area to provide water for livestock and wildlife. This included protection of cultural resources, installation of filter fabric and gravel pads (hardened areas) below watering tanks, replacement of old watering tanks, installation of wildlife escapes, installation of overflow pipes into existing channels, and installation of temporary exclusionary fencing during livestock grazing. Following redevelopment, PSE contracted with BFI Native Seeds to develop and implement site specific plans for restoring the areas around the springs at Wild Horse, which included planting native vegetation (plugs and seeds) to accelerate habitat recovery and development of long-term weed management.

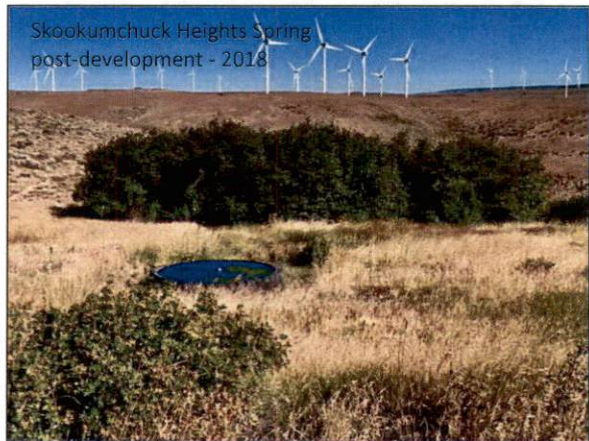
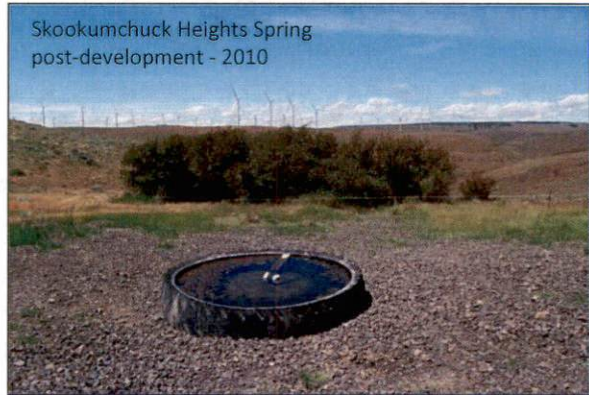
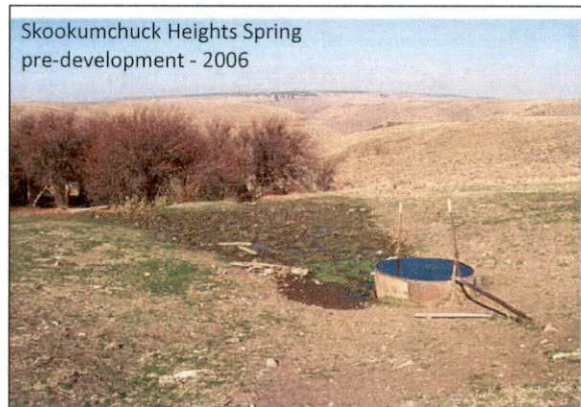
Visual observations of the springs indicate that redevelopment, restoration activities, and annual weed management have been successful at improving the overall health of the springs and providing water for both livestock and wildlife. Annual maintenance and management of the springs include:

- Cultural resource monitoring to ensure rock cover around tanks are intact and sufficient for protection of cultural resources;
- Maintenance of tanks/piping – cleaning out plugged overflow pipes to prevent water spilling over side of tanks;
- Maintenance of wildlife escapes; and
- Installation of temporary fencing during grazing season to protect riparian habitat associated with the springs.

Thorn Spring Restoration



Skookumchuck Heights Spring Restoration



Habitat Restoration and Weed Management

In 2012, Wildlands Inc. completed 5 years of post-construction habitat restoration monitoring as required by the EFSEC Site Certification Agreement. Results from their final report concluded that total vegetative cover in restored areas had risen steadily and native plants (both seeded and volunteer) continue to outnumber non-native plants, indicating that native vegetation is successfully out-competing non-native species in restored areas. In years following the 2012 monitoring, visual observations indicate that restoration activities, erosion control, and weed management combined with light grazing have helped to increase vegetative cover and improve overall site conditions.



In accordance with PSE's aggressive noxious weed management program, invasive weeds are chemically treated throughout the year, primarily in late spring/early summer and early fall. Treated species include thistles, whitetop, knapweeds, and other invasives on the Kittitas County Noxious Weed List. Areas treated include roadsides, underground cable corridors, transmission line routes, solar facilities, fill slopes, cutbanks, substation, springs, and the visitor center. In addition, cheatgrass is treated with a pre-emergent herbicide (Plateau), as needed throughout the entire project area.



Eagle Conservation Plan and Permit

The final draft of the Eagle Conservation Plan (ECP) and revised draft Environmental Assessment (EA) were submitted to the U.S. Fish and Wildlife Service (USFWS) on January 23, 2018. Next steps are for the USFWS to complete the EA and initiate the NEPA process. PSE will notify the TAC/EFSEC and provide a link to the ECP/EA when the USFWS begins the public review and comment period. Following public review and comment, USFWS will make a determination of whether to issue an eagle incidental take permit.

In June 2017, PSE signed a Settlement Agreement (SA) with the USFWS to resolve the four eagle fatalities at Wild Horse. The terms of the SA are consistent with the Chief's Directive, and include providing funding for Research and Development of Detect and Deter Technology and providing regular updates to the USFWS during the term of the SA. The SA covers past take, as well as interim take occurring during the ECP process up to the date of eagle permit issuance.

Wildland Fire

At 9:00am on Monday, July 2nd a PSE employee noticed smoke coming from between the A-line and B-line turbines in a rocky ravine on DNR land. PSE called 911 immediately and Kittitas Valley Fire and Rescue responded within 20 minutes with two water trucks, two off-road tanker trucks, and approximately 16 responders. The fire was contained within one hour and was fully extinguished within two hours. The estimated size of fire damage is approximately two acres. The DNR sent a fire investigator to determine the cause of the fire, but his investigation was inconclusive. Wind speeds that morning measured at 37 mph, with temperatures at 48°F. Lightning was detected in the area the previous week.



Questions and Comments

If you have any questions and/or comments regarding this annual update please contact Jennifer Diaz at 509-964-7813 or jennifer.diaz@pse.com.

EFSEC Monthly Operational Report

July 2018

1. Safety and Training

- 1.1. There were no accidents or injuries during the month of July.
- 1.2. Conducted scheduled and required monthly training.
- 1.3. Conducted the scheduled Safety Committee meeting.

2. Environmental

- 2.1. Final Relative Accuracy Test Audit (RATA) test plan submitted to EFSEC/ORCAA on schedule and load evaluations for both units were provided to Montrose. Scheduled for August 15-17.
- 2.2. All routine reporting completed.

3. Operations & Maintenance

- 3.1. GHEC operated 30 days during the month, with 2 starts on U1, and 1 start on U2. The plant capacity factor was 86%.
- 3.2. GHEC generated 395,156MWh during the month.
- 3.3. PSD Amendment 4 effective date September 1st, implemented Continuous Emissions Monitoring Systems (CEMS) changes required.
- 3.4. All routine reporting completed.

4. Noise and/or Odor

- 4.1. None.

5. Site Visits

- 5.1. None.

6. Other

- 6.1. Grays Harbor Energy Center is staffed with 21 personnel.

Energy Northwest
August 21, 2018 EFSEC Council Meeting
Operations Reporting Period for July 1 – 31, 2018
Site Contact: Mary Ramos

Columbia Generating Station Operational Status

Columbia is online at 100 percent power.

National Pollutant Discharge Elimination System (NPDES) Inspection:

On July 25, 2018, Washington State Department of Ecology (Ecology) staff and EFSEC Siting Specialist conducted a NPDES inspection of Columbia Generating Station. The team of four inspectors toured the circulating water pump house, evaporation ponds, sanitary waste treatment facility, and Tower Makeup (TMU) pump house. Monitoring equipment and sampling points were observed. Records of continuous monitoring data, equipment calibration, QA/QC for in-house laboratory analysis, laboratory accreditation, intake structure and outfall evaluations were reviewed.

WNP 1/4 Building Transfer/Water

No updates

Chehalis Generation Facility----Monthly Plant Report – July 2018
Washington Energy Facility Site Evaluation Council

08.10.2018

Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 1089 days without a Lost Time Accident.

Environment:

- There were no air emissions or stormwater deviations or spills during the month.
- Wastewater and Storm-water monitoring results were in compliance with the permit limits.

Operations and Maintenance Activities:

- The Plant generated 287,733 MW-hours in July for a 2018 YTD generation total of 1,000,320 MW-hours and a capacity factor of 38.1%.

Regulatory/Compliance:

- Nothing to report this period.

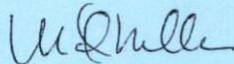
Sound monitoring:

- Nothing to report this period.

Carbon Offset Mitigation:

- Nothing to report this period.

Respectfully,



Mark A. Miller
Manager, Gas Plant
Chehalis Generation Facility