

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

July 17, 2018



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

MONTHLY COUNCIL MEETING
Verbatim Transcript of Proceeding

REPORTED BY: TAYLER GARLINGHOUSE, CCR 3358

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A P P E A R A N C E S

Councilmembers:

- KATHLEEN DREW, Chair
- JAIME ROSSMAN, Department of Commerce
- CULLEN STEPHENSON, Department of Ecology
- MIKE LIVINGSTON, Department of Fish and Wildlife (via phone)
- MARGUERITE FRIEDLANDER, Utilities & Transportation Commission (via phone)

Local Government and Optional State Agency for the Columbia Solar Project:

- IAN ELLIOT, Kittitas County (via phone)

Assistant Attorney General:

- JON THOMPSON
- ANN ESSKO

Administrative Law Judge:

- LAURA CHARTOFF

EFSEC Staff:

- SONIA BUMPUS
- STEPHEN POSNER
- AMI KIDDER
- AMY MOON
- STEWART HENDERSON
- JOAN AITKEN
- CHRISTINA POTIS
- TAMMY MASTRO

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A P P E A R A N C E S (Continued)

Guests:

- JENNIFER DIAZ, Wild Horse PSE
- SCOTT LICHTENBERG, Wild Horse PSE
- MARK MILLER, Chehalis Generating Station
- ERIC MELBARDIS, EDP Renewables (via phone)
- CHRIS SHERIN, Grays Harbor Energy
- MARY RAMOS, Energy Northwest (via phone)
- DENNIS MOSS, Utilities and Transportation Commission
- KARA WARNER, Golder Associates (via phone)
- MARK GOODIN, ORCAA (via phone)
- MARLENE PFEIFER, Save Our Farms (via phone)
- DICK CARKNER, Save Our Farms (via phone)
- KATHI PRITCHARD, Save Our Farms (via phone)
- KAREN PAULSON, Landowner, Kittitas County (via phone)

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1 OLYMPIA, WASHINGTON; JULY 17, 2018

2 1:30 P.M.

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4 P R O C E E D I N G S

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

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

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.

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.

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

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

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

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.

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

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.

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

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?

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.

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

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

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.

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

1 comments.

2 MS. RAMOS: Thank you.

3 CHAIR DREW: Moving on to Chehalis

4 Generation Facility.

5 Mark Miller?

6 MR. MILLER: Good afternoon, Chair Drew and
7 Councilmembers and Staff. My name is Mark Miller. I'm
8 the plant manager at the PacifiCorp Chehalis Generation
9 Facility. I have one nonroutine comment. In the -- for
10 the month of May, we completed our 24-day outage, which
11 we inspected both combustion turbines, replaced turbine
12 controls, inlet filters, and also of significance,
13 replaced the SCR, the -- the selective catalytic
14 reduction ox- -- catalyst for those air emission control
15 units.

16 Those had not been replaced since startup
17 in 2003, and so that was -- they had -- hadn't really
18 lost performance, but we felt it was prudent to change
19 those out during that long window of opportunity. There
20 are no other comments for the June report. Are there
21 any questions?

22 CHAIR DREW: Any questions from
23 Councilmembers?

24 MR. MILLER: Thank you.

25 CHAIR DREW: Thank you.

1 Moving on to the Desert Claim project
2 update, and I believe that's Ms. Bumpus?

3 MS. BUMPUS: Yes, thank you. The Council
4 took a visit out to the Desert Claim's site on June
5 26th. They were able to go out and look at some of the
6 areas that are new areas proposed in the SCA amendment.
7 And we also have talked a little bit about the changes,
8 the other changes such as the turbine size and things
9 like that, location changes.

10 We've also been working on reviewing the
11 Applicant's or rather the certificate holder's responses
12 to Data Request 2. We have a few additional questions
13 for them. We're preparing a Data Request 3, and
14 primarily the questions are focused on things regarding
15 visual impacts. So we're -- we're working to -- to
16 gather some more data so that we can get a better
17 understanding of potential visual impacts, if any, in
18 light of the SCA changes. So we will keep the Council
19 updated as that work continues.

20 CHAIR DREW: And just an additional comment,
21 thank you for that, the Council knows that perhaps not
22 everybody attending that the Site Certificate --
23 Certificate Amendment includes fewer turbines that are
24 taller, and the -- one of the main comments we heard
25 from the public in the -- in the public hearing in the

1 amendment process was to understand what those visual
2 impacts would be. So we are following up to get that
3 information to the Council and to the public. Thank
4 you.

5 Columbia Solar Project, Ms. Bumpus?

6 MS. BUMPUS: Yes. So -- so EFSEC recently
7 conducted a 32-day public comment period on the five
8 draft site certification agreements for the Columbia
9 Solar Project. EFSEC Staff have completed a review of
10 the comment submissions, and we've identified some of
11 the substantive comments related to each of the SCAs.

12 For purposes of the presentation today, I've
13 grouped these extracted comments, if you will, from the
14 submissions into a list of issues that I'm going to
15 summarize. And as I talk about each of the issues, I'll
16 also discuss whether there are any proposed changes from
17 Staff to the SCAs in light of the comments.

18 One other thing I wanted to mention before I
19 talk about the different issues is that we did receive
20 five verbal comments at the public comment meeting that
21 we had in Ellensburg, Washington, on June 26th for this
22 project. The Council heard comment on the five draft
23 SCAs, and we also totaled all of the other submissions
24 that we received handwritten, electronic submissions,
25 whether email or submitted through our comment database

1 online, and those totaled 32. So we've had about 37
2 submissions total to review for -- for substantive
3 comment.

4 If there aren't any questions about that,
5 I'll go ahead and -- and move forward with talking about
6 the issues.

7 CHAIR DREW: Please do.

8 MS. BUMPUS: So the -- the first issue that
9 we heard about was -- sort of falls under this Earth
10 resources if you're thinking about it in terms of SEPA.
11 We heard comments that related to the loss of prime
12 farmland, prime irrigated farmland, and we also heard
13 comments related to soil impacts. And this also goes
14 into whether you can restore the soil once you've
15 decommissioned the facility and removed the structures
16 from the site.

17 So in addressing the concerns about the loss
18 of prime farmland and soil impacts, we looked at our
19 SCA, and we already have a requirement in Article 4 that
20 the certificate holder submit an initial site
21 restoration plan prior to construction. It needs to be,
22 you know, prepared prior to restoration as well.
23 There's what's called a detailed site restoration plan
24 that has a lot more detail in it, and this is in Article
25 8.

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.

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.

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

1 remediation of this project and also no concerns
2 that -- with the feasibility of using soil amendments to
3 restore the site.

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.

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.

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

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.

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.

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.

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.

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.

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 micrositeing
20 process.

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

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

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

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 --

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

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.

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 --

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.

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

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.

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

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

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

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

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.

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CHAIR DREW: Thank you.

With that, our meeting is adjourned. Thank
you.

(Adjourned at 2:24 p.m.)

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C E R T I F I C A T E

STATE OF WASHINGTON

COUNTY OF THURSTON

I, Tayler Garlinghouse, a Certified Shorthand 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.

Tayler Garlinghouse, CCR 3358

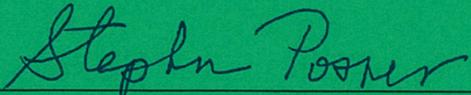
Energy Facility Site Evaluation Council

Non Direct Cost Allocation for 1st Quarter FY 2019 July 1, 2018 – September 30, 2018

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 1st quarter of FY 2019:

Kittitas Valley Wind Power Project	8%
Wild Horse Wind Power Project	8%
Columbia Generating Station	22%
Columbia Solar	17%
WNP-1	4%
Whistling Ridge Energy Project	3%
Grays Harbor 1&2	10%
Chehalis Generation Project	9%
Desert Claim Wind Power Project	16%
Grays Harbor Energy 3&4	3%



Stephen Posner, EFSEC Manager

Date: 7/5/2018

Chehalis Generation Facility----Monthly Plant Report – May 2018

Washington Energy Facility Site Evaluation Council

06.01.2018

Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 1028 days without a Lost Time Accident.

Environment:

- There were no air emissions or stormwater deviations or spills during the month of May 2018.
- Wastewater and Stormwater monitoring results were in compliance with the permit limits.

Operations and Maintenance Activities:

- The Plant generated 95,017 MW-hours in May for a 2018 YTD generation total of 520,528 MW-hours and a capacity factor of 23.37%.
- The Plant completed a 24 day Outage to conduct a borescope inspection of both combustion turbines, upgrade the combustion turbine controls to GE Mark 6e, install new inlet air filters and replace expended nitrogen oxide control catalyst in both heat recovery steam generators. There were no significant findings during this Outage.

Regulatory/Compliance:

- Nothing to report this period.

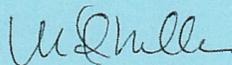
Sound monitoring:

- Nothing to report this period.

Carbon Offset Mitigation:

- Nothing to report this period.

Respectfully,



Mark A. Miller
Manager, Gas Plant
Chehalis Generation Facility



Chehalis Generation Facility
1813 Bishop Road
Chehalis, Washington 98532
Phone: 360-748-1300

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

07.01.2018

Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 1058 days without a Lost Time Accident.

Environment:

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

Operations and Maintenance Activities:

- The Plant generated 192,059 MW-hours in June for a 2018 YTD generation total of 712,587 MW-hours and a capacity factor of 31.99%.

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

**Energy Northwest
EFSEC Council Meeting
May 2018 Operations Report
Debbie Knaub**

Columbia Generating Station Operational Status

Columbia is online at 100 percent power and producing 1144 MWs.

Six Day Forced Outage in May:

Columbia experienced a six-day forced outage last month when one of the station's main power transformers automatically disconnected from the transmission system following a grid disturbance. The transformer's protection system sensed an issue and initiated a trip signal, which resulted in a main generator trip that took the plant offline on May 18, 2018. Columbia reconnected to the grid on May 24, 2018. During the forced outage, maintenance was performed on relays and valves in the main transformer and plant.

Reduced Power Level Response to BPA Economic Dispatch Request:

High water levels currently flowing through the federal hydroelectric system from spring runoff have resulted in a surplus of generation in the region. Columbia operated at the 65 percent power level from May 24 through early June 10 to support an economic dispatch request from the Bonneville Power Administration.

Columbia Reinstatement to Top Performance Category:

The Columbia Generating Station has been reinstated to the top performance level for public safety and was notified by the NRC that it had retroactively rated Columbia Generating Station in the top performance category.

WNP 1/4 Building Transfer/Water

No change from March 2018 Operations Report

NEPA/Leasing:

Energy Northwest's new lease with the Department of Energy for WNP 1/4 went into effect on July 1, 2017. We have started the planning and some field work on the water distribution system project, which will eventually utilize the Water Rights permit granted by the Department of Ecology.

**Energy Northwest
EFSEC Council Meeting
July 2018 Operations Report
Mary Ramos**

Columbia Generating Station Operational Status

Columbia is online at 100 percent power and producing 1144 MWs.

Evaporation Pond Line Break:

On June 4, 2018, Columbia discovered a PVC pipe failure at the facility's evaporation ponds near cistern no. 1. Cistern no. 1 is located between evaporation pond 1B and evaporation pond 2. The failed pipe caused a portion of the hillside to be washed out and some of the soil to be deposited into evaporation pond 2. It was estimated that the water line began leaking at approximately 2:30 PM on June 4th and the flow was isolated the same day at approximately 4:30 PM. The water released contained backwash water from the potable water filter plant, reverse osmosis filtrate, and fire test water and is permitted (under Columbia's NPDES permit) to be utilized for construction water or road watering. Therefore, the water released was not radiologically contaminated and did not result in a threat to human health or the environment. There was no release to surface water.

Energy Northwest notified EFSEC of the event via phone and email on June 5, 2018 and submitted a follow-up written notification on June 7, 2018. Energy Northwest is working with a vector truck service contractor to determine the extent of damage on July 9, 2018 and plans to complete the repairs by mid-July 2018. The minimal amount of sediment which was deposited into evaporation pond 2 will be removed during late summer 2018 when the pond water level decreases. The sediment will be placed into the original barrow source.

Evaporation Pond Use of Chemicals for Algae Control:

Columbia will be updating the Operations & Maintenance Manual for the facility's evaporation ponds to allow the use of chemicals for control of algae and emergent vegetation. Columbia will be sending to EFSEC a letter containing the revised language and a request for EFSEC concurrence.

WNP 1/4 Building Transfer/Water

No change from March 2018 Operations Report

NEPA/Leasing:

Energy Northwest's new lease with the Department of Energy for WNP 1/4 went into effect on July 1, 2017. We have started the planning and some field work on the water distribution system project, which will eventually utilize the Water Rights permit granted by the Department of Ecology.

EFSEC Monthly Operational Report

June 2018

1. Safety and Training

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

2. Environmental

- 2.1. On May 24, an on-site review of Grays Harbor Energy Center (GHEC) was completed by Ramboll as part of a 3rd party environmental audit.
- 2.2. Relative Accuracy Test Audit (RATA) testing dates were firmed up for August 15-17.

3. Operations & Maintenance

- 3.1. GHEC operated 14 days during the month of June with 13 starts on U1 and 11 starts on U2. Plant capacity factor was 33%.
- 3.2. GHEC generated 147,287MWh during the month of June.
- 3.3. PSD Amendment 4 suggested effective date September 1st, implementing PSD Amendment 4 changes.
- 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.

Wild Horse Wind Facility

May & June 2018

Safety

No lost-time accidents or safety injuries/illnesses.

Compliance/Environmental

According to the TAC Rules of Procedures, the TAC is required to meet once per calendar year unless additional or fewer meetings are agreed to by majority vote of the TAC members. In lieu of a meeting this year, PSE proposed to provide the 2018 annual TAC update by email this year due to a couple of factors; 1) The likelihood that EFSEC would not have a new TAC facilitator until later this year, and 2) There are no significant updates or actions requiring TAC consideration at this time. The TAC voted by email 7-2 in favor of PSE's motion to provide an update to the TAC via email in lieu of holding an in-person meeting in 2018. The email update will be sent to TAC members by July 20th.

Operations/Maintenance

Nothing to report.

Wind Production

May generation totaled 34,813 MWh for an average capacity factor of 17.16%.
June generation totaled 61,963 MWh for an average capacity factor of 31.57%.

Eagle Update

The final draft of the Eagle Conservation Plan and revised draft Environmental Assessment (EA) was submitted to the U.S. Fish and Wildlife Service on January 23, 2018. Next steps are for the USFWS to review and provide input/revisions to the EA prior to the public review and comment period. After public review and comment, USFWS will make a determination of whether to issue an eagle incidental take permit.

ENERGY FACILITY SITE EVALUATION COUNCIL

Lichtenberg

Roll Call Checklist

Meeting Date: July 17, 2018 EFSEC Monthly Meeting

State Agency Members	In attendance	Call	Present
Chair			
Kathleen Drew <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	1. Jennifer Diaz <i>wild horse PSE</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Commerce			
Jaime Rossman <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	2. Scott Lichtenberg <i>wild horse PSE</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ecology			
Cullen Stephenson <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	3. Mark Miller <i>Ochotona</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fish and Wildlife			
Mike Livingston <input type="checkbox"/> Present <input checked="" type="checkbox"/> Call	4. Eric Melbaidis <i>EDP</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Natural Resources			
Dan Siemann <i>N/A</i> <input type="checkbox"/> Present <input type="checkbox"/> Call	5. Chris Sherin <i>Gray Starbuck</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Utilities & Transportation Commission			
Marguerite Friedlander <input type="checkbox"/> Present <input checked="" type="checkbox"/> Call	6. Mary Ramos <i>ENW</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Local Gov't. and Optional State Agency for the Columbia Solar Project			
Dept. of Health			
Kelly Cooper <i>Excused</i> <input type="checkbox"/> Present <input type="checkbox"/> Call	7. Dennis Moss <i>UTC</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kittitas County			
Ian Elliot <input type="checkbox"/> Present <input checked="" type="checkbox"/> Call	8. Marlene Pfeifer	<input type="checkbox"/>	<input type="checkbox"/>
Assistant Attorney General			
Ann Essko <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	9. Dick Carner	<input type="checkbox"/>	<input type="checkbox"/>
Jon Thompson <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	10. Kathi Pritchard	<input type="checkbox"/>	<input type="checkbox"/>
Administrative Law Judge			
Laura Chartoff <input checked="" type="checkbox"/> Present <input type="checkbox"/> Call	11.	<input type="checkbox"/>	<input type="checkbox"/>
Council Staff			
<input checked="" type="checkbox"/> Stephen Posner	<input type="checkbox"/> Patty Betts	12.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Sonia Bumpus	<input checked="" type="checkbox"/> Christina Potis	13.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Tammy Mastro	<input checked="" type="checkbox"/> Joan Aitken	14.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Ami Kidder	<input checked="" type="checkbox"/> Stew Henderson	15.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Amy Moon		16.	<input type="checkbox"/>
		17.	<input type="checkbox"/>
		18.	<input type="checkbox"/>
		19.	<input type="checkbox"/>
		20.	<input type="checkbox"/>



Washington State Energy Facility Site Evaluation Council

AGENDA

MONTHLY MEETING
Tuesday, July 17, 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
 - May 15, 2018
 - June 13, 2018
 - June 26, 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
 - PSD Permit.....Sonia Bumpus, EFSEC Staff

EFSEC staff will provide an update on Amendment 4 to the Prevention of Significant Deterioration Air Permit.
 - 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.....Sonia Bumpus, EFSEC Staff
 - h. **Columbia Solar Project**
 - Project Update.....Sonia Bumpus, EFSEC Staff
 - Recommendation to Governor.....Sonia Bumpus, EFSEC Staff

EFSEC staff will present information and make a recommendation to the Council as to approval or rejection of the Project's application for site certification. The Council may take Final Action on their recommendation to the Governor.
- 6. Other
 - a. **EFSEC Council**
 - 1st Quarter Cost Allocation.....Stephen Posner, EFSEC Staff
- 7. 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



Kittitas Valley Wind Farm
Operations & Maintenance Office
3701 Hayward Road
Cle Elum, WA 98922

509.957.2134 phone
509.857.2138 fax

June 12, 2018

Marion Gonzalez
East Cascade Realty
Keller Williams
1100 Dexter Ave North
Seattle, WA 98107

RE: Shadow flicker letter sent by Marion Gonzalez (the "Realtor") to Sagebrush Power Partners, LLC ("Kittitas Valley") on April 11, 2018 (the "Letter")

Dear Ms. Gonzalez,

Kittitas Valley is in receipt of Realtor's letter requesting mitigation measures for possible shadow flickering on lot 5 (the "Property"). The Property is adjacent to Kittitas Valley's wind power generating facilities with over 3,500 between between its center and the nearest wind turbine. There are no structures on the Property.

Kittitas Valley has reviewed Realtor's request in conjunction with the relevant sections of Kittitas Valley's Site Certification Agreement with the State of Washington's Energy Facility Site Evaluation Council (the "SCA"). Pursuant to the SCA, Kittitas Valley is not obliged to undertake the requested shadow flicker mitigation measures.

Kittitas Valley understands that Realtor may receive questions regarding the Property's proximity to the Project's wind generating facilities and would be happy to address any concerns that arise. Please feel free to contact me directly at david.nutt@edpr.com or 713-356-2493. Kittitas Valley values its neighbors and looks forward to maintaining these strong relationships for years to come.

Best,
SAGEBRUSH POWER PARTNERS, LLC

David Nutt, Asset Manager

Cc:
Ami Kidder, EFSEC
Eric Melbardis, EDR NA

Kittitas Valley Wind Power Project

Monthly Operations Report

June 2018

Project Status Update

Production Summary:

Power generated: 39,647 MWh
Wind speed: 9.5 m/s
Capacity Factor: 54.6%

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

May 2018

Project Status Update

Production Summary:

Power generated: 31,729 MWh
Wind speed: 9.4 m/s
Capacity Factor: 42.3%

Safety:

No incidents

Compliance:

Project is in compliance

Sound:

No complaints

Shadow Flicker:

Request from Realtor to curtail turbine B6 from casting shadow flicker on an empty lot. The lot in question has no structure (receptor) and Google maps tells us it's >2,500ft away from this turbine (3,324ft).

Request denied – see attached letter

Environmental:

No incidents

EFSEC Monthly Operational Report

May 2018

1. Safety and Training

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

2. Environmental

- 2.1. On May 24, an on-site review of Grays Harbor Energy Center (GHEC) was completed by Ramboll as part of a 3rd party environmental audit.

3. Operations & Maintenance

- 3.1. GHEC operated 5 days during the month of May with 6 starts on U1 and 4 starts on U2. Plant capacity factor was 7.1%.
- 3.2. GHEC generated 32,669MWh during the month of May.
- 3.3. The annual outage ended May 14 (scheduled April 28 – May 15).
- 3.4. The annual update of the Spill Prevention Control and Countermeasure Plan (SPCC) was completed on May 22.
- 3.5. Waiting on the PSD Amendment 4 public comment period to end.

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.