



Washington State Energy Facility Site Evaluation Council AGENDA

MONTHLY MEETING
Tuesday, June 14, 2016
1:30 PM

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

- 1. Call to OrderBill Lynch, EFSEC Chair
- 2. Roll CallTammy Mastro, EFSEC Staff
- 3. Proposed AgendaBill Lynch, EFSEC Chair
- 4. Minutes **Meeting Minutes**..... Bill Lynch, EFSEC Chair
 - May 17, 2016
- 5. Projects **a. Kittitas Valley Wind Project**
 - Operational Update.....Eric Melbardis, EDP Renewables**b. Wild Horse Wind Power Project**
 - Operational Update.....Jennifer Diaz, Puget Sound Energy**c. Columbia Generating Station**
 - Operational Update.....Shannon Khounnala, Energy Northwest**d. WNP - 1/4**
 - Non-Operational Update.....Shannon Khounnala, Energy Northwest
 - Amon Creek Update.....Jim LaSpina, EFSEC Staff**e. Chehalis Generation Facility**
 - Operational Update.....Mark Miller, Chehalis Generation Staff**f. Grays Harbor Energy Center**
 - Operational Update.....Pete Valinske, Grays Harbor Energy**g. Tesoro/Savage Vancouver Energy Distribution Terminal**
 - Project Update.....Sonia Bumpus, EFSEC Staff
- 6. Other **a. Council**
 - Rules Update.....Bill Lynch, EFSEC Chair
 - July Council Meeting Update.....Bill Lynch, EFSEC Chair
- 7. AdjournBill Lynch, 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 42.30.02

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6 WASHINGTON STATE
7 ENERGY FACILITY SITE EVALUATION COUNCIL
8 Richard Hemstad Building
9 1300 South Evergreen Park Drive Southwest
10 Conference Room 206
11 Olympia, Washington
12 May 17, 2016
13 1:30 p.m.

14 MONTHLY COUNCIL MEETING
15 Verbatim Transcript of Proceeding

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1 APPEARANCES
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3 Councilmembers Present:
4 Bill Lynch, Chair
5 Jaime Rossman, Department of Commerce
6 Cullen Stephenson, Department of Ecology
7 Joe Stohr, Department of Fish and Wildlife
8 Dennis Moss, Utilities and Transportation Commission
9 Dan Siemann, Department of Natural Resources

10 Local Government and Optional State
11 Agencies (for Tesoro Savage Project):
12 Larry Paulson, Port of Vancouver
13 Ken Stone, Department of Transportation
14 Bryan Snodgrass, City of Vancouver (by phone)
15 Greg Shafer, Clark County (by phone)

16 Assistant Attorney General:
17 Ann Essko, Senior Counsel

18 Staff in Attendance:
19 Stephen Posner
20 Jim LaSpina
21 Tammy Mastro
22 Sonia Bumpus
23 Cassandra Noble
24 Joan Aitken

25 Guests in Attendance:
Pete Valinski, Grays Harbor Energy
Mark A. Miller, PacifiCorp Chehalis Generation Facility

Guests in Attendance Via Phone:
Shannon Khounnala, Columbia Generating & WNP 1/4
Jennifer Diaz, Puget Sound Energy
Eric Melbardis, EDP Renewables

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1 OLYMPIA, WASHINGTON, MAY 17, 2016
2 1:30 p.m.
3 --o0o--
4
5 CHAIR LYNCH: Good afternoon. Today is
6 May 17th and the regular meeting of the Energy Facility
7 Site Evaluation Council.
8 Could we please have the clerk call the
9 roll?
10 MS. MASTRO: Department of Commerce?
11 MR. ROSSMAN: Jaime Rossman present.
12 MS. MASTRO: Department of Ecology?
13 MR. STEPHENSON: Cullen Stephenson is here.
14 MS. MASTRO: Fish and Wildlife?
15 MR. STOHR: Joe Stohr is here.
16 MS. MASTRO: Department of Natural
17 Resources?
18 MR. SIEMANN: Dan Siemann is here.
19 MS. MASTRO: Utilities and Transportation
20 Commission?
21 MR. MOSS: Dennis Moss is here.
22 MS. MASTRO: Local Governments and Optional
23 State Agencies for the Tesoro Savage project; Department
24 of Transportation?
25 MR. STONE: Ken Stone is present.

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1 MS. MASTRO: City of Vancouver?
2 MR. SNODGRASS (via phone): Brian Snodgrass
3 on the phone.
4 MS. MASTRO: Clark County?
5 MR. SHAFER (via phone): Greg Shafer on the
6 conference call.
7 MS. MASTRO: And Port of Vancouver?
8 MR. PAULSON: Larry Paulson is here.
9 MS. MASTRO: Chair, there is a quorum for
10 the regular council and for the Tesoro project council.
11 CHAIR LYNCH: Thank you. If we could just
12 have the Council take a quick look through the proposed
13 agenda today and see if they have any suggested changes.
14 I will note, while the Council's taking that
15 last look through, that there are no action items for
16 the council meeting today, so it should be a relatively
17 short meeting. And hopefully we'll have former
18 councilmember Liz Green-Taylor here today, and if she
19 arrives, we will take up her resolution at the end of
20 the meeting.
21 And at this point in time, I'd like to have
22 anybody on the phone who wishes to identify
23 themselves -- and they're not required to -- to do so
24 now.
25 Anybody on the phone who wishes to identify

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1 themselves?

2 MS. DIAZ (via phone): This is Jennifer Diaz

3 with Puget Sound Energy, Wild Horse Wind Facility.

4 MS. KHOUNNALA (via phone): Shannon

5 Khounnala with Energy Northwest.

6 MR. MELBARDIS (via phone): Eric Melbardis

7 with EDP Renewables.

8 CHAIR LYNCH: Okay. Let's go ahead and

9 proceed.

10 If you could please take a look at the

11 minutes from the April 19th meeting, I actually have

12 three small corrections I'd like to make.

13 The first is on page 9, line 18, and on that

14 line there's a reference to "BMTs," and that's actually

15 "BMPs."

16 And then on that same page, page 9, line 20,

17 there's a reference to the "Stormwater Solution

18 Prevention Plan," and it should be the "Stormwater

19 Pollution Prevention Plan," though I kind of like

20 calling them Stormwater Solution Plans. I wonder how

21 far along we'd get if we just made them solution plans.

22 And then the final one is on page 49, line

23 25, instead of the word "gain," it should be "game,"

24 g-a-m-e.

25 And those are the only corrections I have.

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1 Do councilmembers have other ones?

2 Councilmember Stephenson?

3 MR. STEPHENSON: Thank you, Mr. Chair.

4 On page 25, line 21, it's "accedence,"

5 a-c-c; I believe that should "exceedance," e-x-c.

6 And on page 38, line 10, it says "here,"

7 h-e-r-e, and I believe that should be h-e-a-r.

8 Am I getting that right?

9 CHAIR LYNCH: Where was that second one,

10 Mr. Stephenson?

11 MR. STEPHENSON: That's page 38, line 10.

12 CHAIR LYNCH: Oh, line 10. Oh, yes,

13 h-e-a-r.

14 Any other suggested edits to the minutes

15 from the April 19th meeting? Hearing none, I'd accept a

16 motion for the approval of the April 19th minutes as

17 amended.

18 MR. STEPHENSON: I'll so move.

19 CHAIR LYNCH: Do we have a second?

20 MR. MOSS: With due acknowledgement to the

21 care with which my colleagues have obviously read these,

22 I will second the motion.

23 CHAIR LYNCH: It's been moved and strongly

24 seconded that the Council approve the minutes from the

25 April 19th meeting as amended.

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1 All those in favor, say "Aye."

2 MULTIPLE SPEAKERS: Aye.

3 CHAIR LYNCH: Opposed? Motion carries.

4 At this point in time, let's go ahead and

5 turn to our operational updates. And first we'll turn

6 to Mr. Melbardis regarding the Kittitas Valley Wind

7 Project.

8 MR. MELBARDIS: Good afternoon, Chair Lynch,

9 EFSEC Council. This is Eric Melbardis with EDP

10 Renewables for Kittitas Valley.

11 The site had a generally nonroutine month.

12 We spent a lot of time --

13 CHAIR LYNCH: Sorry. Excuse me,

14 Mr. Melbardis. Could you please speak a little more

15 directly into the phone? We could barely hear you and

16 then we couldn't hear you at all.

17 MR. MELBARDIS: Okay. Sorry about that,

18 Chair Lynch.

19 This is Eric Melbardis with EDP Renewables

20 for Kittitas Valley. We have nothing nonroutine to

21 report.

22 CHAIR LYNCH: Any questions for

23 Mr. Melbardis?

24 Thank you, Mr. Melbardis.

25 And now we'll turn to Ms. Diaz with Puget

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1 Sound Energy for the Wild Horse Wind Power Project

2 update.

3 MS. DIAZ: Yes. Thank you, Chair Lynch and

4 councilmembers. I have a few updates for the Council

5 this month, one update under the heading of Safety and

6 then three updates under Compliance and Environmental.

7 The Safety update is that site staff

8 received AED, CPR and first-aid training last month.

9 And under Compliance/Environmental, in

10 accordance with the Stormwater Pollution Prevention

11 Plan, biannual culvert inspections were completed, and

12 the culverts were observed to be in good condition.

13 And in accordance with the Wildlife Incident

14 Reporting and Handling System, site staff received

15 annual training on how to respond to and document

16 wildlife incidents found within the facility boundaries.

17 And finally, on May 4th, Ray Latham from the

18 Department of Ecology joined Jim LaSpina at Wild Horse

19 to conduct an annual stormwater compliance inspection.

20 The inspection included a review of the stormwater plan,

21 the Spill Prevention, Control and Countermeasure Plan

22 and site inspection records.

23 The inspection also included a visit to our

24 substation, solar facility and our maintenance building.

25 And overall, the site was observed to be in good

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1 condition and is in full compliance with the SCA
 2 requirements.
 3 Ray provided some good feedback and some
 4 recommendations for improvements to the written SWPPP,
 5 which will be implemented by PSE and submitted to
 6 Ecology and EFSEC for review before finalizing.
 7 And that's all I have.
 8 CHAIR LYNCH: Very good.
 9 Any questions for Ms. Diaz regarding the
 10 Wild Horse Wind Power Project?
 11 Thank you, Ms. Diaz.
 12 MS. DIAZ: Thank you.
 13 CHAIR LYNCH: Let's turn now to
 14 Ms. Khounnala who is going to first tell us about the
 15 Columbia Generating Station and then WNP 1/4.
 16 MS. KHOUNNALA: Yes. Good afternoon,
 17 Council and Chair Lynch.
 18 In regard to the Columbia Generating
 19 Station, Columbia is operating as expected at
 20 100 percent power today.
 21 I did have a bring-back from last week's
 22 [sic] meeting to provide some additional details
 23 following our cause evaluation from the event SCRAM that
 24 happened at the end of March.
 25 So as you'll see in your updates, I've

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1 provided a short description, again, just summarizing --
 2 summarizing the events that led to that SCRAM. And I
 3 know at the time that I provided the update last month,
 4 we were in -- we were in the middle of the event
 5 investigation and the cause evaluation, so I'd like to
 6 give an update on that here today.
 7 Briefly, if you remember, I discussed during
 8 last month's meeting, and as you see in your summary, we
 9 were performing post-maintenance testing on a valve.
 10 And during that evolution, which was to essentially open
 11 the valve and close the valve, when we opened the valve,
 12 equipment operators received indication of some low
 13 water volume in the equipment cooling system.
 14 The Operations control room crew recognized
 15 those indications, and because of those indications,
 16 then took the appropriate actions to manually shut down
 17 the reactor.
 18 So following that, we completed an -- a
 19 cause evaluation, and that cause evaluation has
 20 identified that it was a human performance error in
 21 which a modified procedure contributed to essentially a
 22 failure in procedure adherence by our operators. As a
 23 result, a valve on that system was inappropriately left
 24 open during the post-maintenance testing, which led to
 25 the rapid loss of the coolant, which cooled some pretty

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1 important equipment.
 2 So the cause evaluation not only identified
 3 the human performance errors associated with that, but
 4 we've also identified short- and long-term corrective
 5 actions to be put in place to prevent any repeat
 6 occurrence and improve our performance under those
 7 evolutions.
 8 I'll reiterate that, although we did have a
 9 SCRAM event, there were no undesired radiological or
 10 industrial (beep on the bridge line interrupted the
 11 proceedings) resulting from the event, and even though
 12 we did have a loss of generation, which required reports
 13 made to the Nuclear Regulatory Commission, the plant did
 14 shut down safely, and all plant systems responded as
 15 expected during that event. So that's what you want in
 16 those unfortunate circumstances.
 17 So I have no other events or safety
 18 incidents to report with regard to Columbia.
 19 Are there any questions?
 20 CHAIR LYNCH: Any questions from
 21 councilmembers regarding the Columbia Generating
 22 Station?
 23 None. So just go ahead and proceed to
 24 WNP 1/4, Ms. Khounnala.
 25 MS. KHOUNNALA: Sure. So I had an

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1 additional bring-back with regard to the site injury
 2 that I mentioned during our last Council update at
 3 WNP 1/4.
 4 As you recall, I reported out that we had
 5 one employee that received a shock to their index
 6 finger, and we had completed a -- an event investigation
 7 with Department of Labor & Industries.
 8 Not much has happened since I have reported
 9 out on that. We provided them with a lot of data and
 10 information requests. However, we do have -- we were
 11 contacted this week, and we do have a closeout
 12 inspection meeting with them planned for tomorrow. So
 13 likely I'll have an additional bring-back at the next
 14 council meeting once we -- once we learn items from our
 15 meeting tomorrow.
 16 Moving onto the NEPA and the leasing
 17 evolutions at 1/4, we had our -- I guess our kick-off
 18 and site -- site visit with the Department of Energy and
 19 their contractors today. They have started the scoping
 20 documentation and other NEPA-required evolutions, and
 21 essentially have kicked off that effort.
 22 And as I've mentioned, that NEPA effort is
 23 expected to last through the fall, and then we will
 24 revisit resigning the lease with the Department of
 25 Energy.

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1 Any questions on WNP 1/4?
 2 CHAIR LYNCH: Any questions on WNP 1/4 for
 3 Ms. Khounnala?
 4 Thank you very much.
 5 MS. KHOUNNALA: Thank you.
 6 CHAIR LYNCH: And now we see Mr. Miller has
 7 approached the microphone and is going to give us an
 8 update on the Chehalis Generation Facility.
 9 MR. MILLER: Good afternoon, Chair Lynch,
 10 councilmembers. I'm Mark Miller, the plant manager at
 11 the PacifiCorp Chehalis Generation Facility. I do have
 12 one nonroutine comment to add.
 13 During the review of our annual emissions
 14 submittal, Clint Lamoreaux of the Southwest Clean Air
 15 Agency, EFSEC's contractor, discovered that we had
 16 under-reported SO2 emissions for our Chehalis plant for
 17 third and fourth quarters of 2014, and the first, second
 18 and third quarters of 2015.
 19 Our data acquisition and handling system
 20 software calculates SO2 emissions with the Part 75
 21 equation, D-1H, which uses total sulfur content in the
 22 natural gas with the measurement units in
 23 grains-per-hundred standard cubic feet.
 24 However, when entering the constant -- the
 25 sulfur content into the natural -- of the natural gas

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1 into our data handling system, the user is prompted to
 2 enter the value as a percent sulfur and not as a
 3 grains-per-hundred standard cubic feet.
 4 During the time period referenced above, the
 5 environmental analyst at the Chehalis plant followed the
 6 prompt from the DAHS software and entered the total
 7 sulfur as percent when it should have been in
 8 grains-per-hundred standard cubic feet.
 9 Therefore, we under-reported about three
 10 times lower in value, and we've engaged with the US EPA
 11 to understand how we -- or we're seeking guidance from
 12 the EPA on how to resubmit for those quarters and the
 13 increase, and also deal with the increased SO2
 14 allowances used for the plant.
 15 We've also engaged with the software vendor
 16 to modify the software programming to reduce or
 17 eliminate the possibility of incorrect variable data
 18 entry in the future. This happened during a period of
 19 changeover of personnel from an old environmental
 20 analyst to a new environmental analyst, and it was human
 21 error at the end of the day, and kind of institutional
 22 knowledge and not -- not a clear procedure on what
 23 values to enter into the data software -- handling
 24 software.
 25 At the end of the day, it increased the tons

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1 emitted during those periods by 1.5 tons in 2014 and
 2 1.4 tons in 2015. And there'll be a further update
 3 provided to EFSEC staff, but I thought I would just
 4 bring this to your attention now as we're working
 5 through it.
 6 CHAIR LYNCH: Mr. Miller, so you indicated
 7 this was a reporting error, but it was -- was it a
 8 violation in terms of the amount that was -- of the
 9 sulfur dioxide that could be emitted from the facility?
 10 MR. MILLER: No, absolutely not. This is
 11 really only in reference to the total emissions
 12 inventory that occurred during these periods, not the
 13 time-weighted averages that are emitted during
 14 operation.
 15 And SO2 allowances are purchased to offset
 16 those emissions. And you know, today SO2 allowances are
 17 cents per ton versus \$4 or \$500 a ton where they were
 18 when scrubbers were being built for coal facilities. So
 19 no, the answer is no, there's no violation of the permit
 20 conditions, just an under-reporting of emissions.
 21 CHAIR LYNCH: And was there any requirement
 22 for you to -- is there a need for you to somehow
 23 mitigate more for this extra --
 24 MR. MILLER: Potentially, if we didn't have
 25 enough SO2 allowances on hand in the accounting side of

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1 it, we may have to purchase more. I do not believe
 2 that's the case because we purchased -- we, I think,
 3 currently hold 37 tons for an annual basis on emissions,
 4 and I believe our total tons emitted for those
 5 three quarters of 2014 are less than four tons. So
 6 there's a significant buffer in what we have purchased
 7 as far as SO2 allowances versus what we actually emit.
 8 I can verify that and, again, provide that to Staff.
 9 CHAIR LYNCH: Okay. And you're going to,
 10 like you said, provide a report to Staff after --
 11 MR. MILLER: Right.
 12 CHAIR LYNCH: -- the investigation's
 13 complete?
 14 MR. MILLER: Correct.
 15 CHAIR LYNCH: Any questions for Mr. Miller
 16 from councilmembers?
 17 Thank you, Mr. Miller.
 18 MR. MILLER: Thank you.
 19 CHAIR LYNCH: Now, if we could hear from
 20 Mr. Valinski about the Grays Harbor Energy Center.
 21 Welcome.
 22 MR. VALINSKI: Good afternoon, Chair Lynch,
 23 Council, EFSEC staff. My name is Pete Valinski. I'm
 24 the plant manager at Grays Harbor Energy. You should
 25 have our information in your packets.

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1 The only addition I have that the Council
 2 would be interested in hearing is that we've hired an
 3 engineering firm to develop a bid specification for our
 4 cooling tower. I've reviewed the draft of that bid spec
 5 today, and we should have it out to potential
 6 contractors by mid-June.
 7 That's all I have.
 8 CHAIR LYNCH: Thank you, Mr. Valinski. I'm
 9 just going to keep you at the mic an additional moment
 10 so I can finish reading the report you provided and
 11 allow councilmembers an opportunity to finish them as
 12 well.
 13 Any questions for Mr. Valinski?
 14 No? Thanks for being here today.
 15 MR. VALINSKI: Thank you.
 16 CHAIR LYNCH: Now if we could hear from
 17 Staff, the project update regarding the Tesoro Savage
 18 Vancouver Energy Distribution Terminal.
 19 We had to have Mr. Posner pinch-hit last
 20 month, and it wasn't nearly as good or as exciting as
 21 when we had Ms. Bumpus. And I see Ms. Bumpus is back.
 22 MS. BUMPUS: That makes sense, yeah.
 23 Good afternoon, Chair Lynch and
 24 councilmembers. I'm sorry I missed last month's council
 25 meeting. I didn't see tears in the transcript, but I'm

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1 sure that there were some because of my absence.
 2 So just a few updates for you on the Tesoro
 3 Savage project. For the SEPA work, the integration of
 4 the public comment submissions into the comment
 5 management database is complete now. The number of
 6 records in the database, it turns out, are closer to
 7 260,000 comment submissions in total. I think I said
 8 250,000 in previous project updates.
 9 With that in mind, any one submission can
 10 contain several comments, so the work moving forward
 11 is -- and it actually has already begun -- is reviewing
 12 each of the submissions and extracting these comments
 13 from within those submissions, and then EFSEC and Cardno
 14 will coordinate on the development of responses to each
 15 of those comments.
 16 The SEPA workshops are making progress, and
 17 we actually have added some additional workshops into
 18 May, two additional ones, but they're going well. And
 19 I'll continue to provide you updates on those and the
 20 progress we're making there.
 21 For -- well, I guess before I move into an
 22 update on where we are with permits, are there any
 23 questions about the SEPA work?
 24 CHAIR LYNCH: Any questions by
 25 councilmembers regarding the SEPA work so far?

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1 Please proceed.
 2 MS. BUMPUS: For the Stormwater NPDES
 3 Industrial Permit, a letter was sent to the Applicant on
 4 February 19th, and we are pending a response from the
 5 Applicant. Once we receive their response to that
 6 letter, we will need to coordinate a technical review of
 7 the information and -- with our Ecology permit
 8 contractor to continue developing that permit. So I'll
 9 keep you updated on that, let you know when we receive
 10 their response.
 11 For the NPDES Stormwater Construction
 12 Permit, the Ecology permit contractors and EFSEC are
 13 working together to develop the draft permit documents
 14 or preliminary draft permit documents. During this
 15 work, we may find that we need to request additional
 16 information or fine points of clarification from the
 17 Applicant, and I'll keep you updated on that as well if
 18 we find that we need to go back to them to request some
 19 additional information.
 20 For the Notice of Construction Air Operating
 21 Permit, the Applicant submitted a partial response to
 22 EFSEC's letter, dated March 14th, which requested
 23 additional technical information that we needed to
 24 continue work on the air permit. The remaining
 25 information is expected to come in around the end of

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1 May, so I'll let you know if we do get that. But even
 2 though we don't have all of the responses from the
 3 Applicant, our air permit contractors are reviewing the
 4 information we do have.
 5 CHAIR LYNCH: And my understanding, we're
 6 actually getting pretty close to -- "we" meaning people
 7 other than me doing the work -- to completing the air
 8 permit; is that correct?
 9 MS. BUMPUS: Correct. If we find that we
 10 have all the information from this review, we'll be able
 11 to move forward with preparing draft documents.
 12 CHAIR LYNCH: And just for the Council, a
 13 reminder what will happen, when we have permits which we
 14 think are pretty much ready to go, those will be put out
 15 for public comment, and then the Council will be
 16 reviewing the public comments and making a tentative
 17 determination as to their adequacy. But they aren't
 18 actually approved until there's a recommendation to the
 19 governor and the whole thing goes up as a package.
 20 Any questions for Ms. Bumpus?
 21 They must just be glad that you're back, and
 22 they don't want to scare you away by asking you too many
 23 questions.
 24 MS. BUMPUS: I'm sure that's what it is.
 25 CHAIR LYNCH: Thank you.

1 And just seeing that we've completed the
2 updates, I just want to let councilmembers know a little
3 bit of what else is going on.

4 Mr. LaSpina and I will be going up tomorrow
5 to meet with EPA regarding our air program, and
6 hopefully we'll get some good news as a result of that.

7 What we're ultimately hoping to have happen
8 is, we submit a State Implementation Plan, or SIP, to
9 them later in the year, and if it's approved, what we
10 hope is, is that EFSEC will then, with the assistance of
11 the Department of Ecology, be able to write our own air
12 permits, which will save a lot of time and effort. And
13 we've got some other efforts underway, but I'm sure
14 we'll be talking about those later.

15 And seeing no further business in front of
16 the Council, we're adjourned. Thank you.

17 (Hearing concluded at 1:56 p.m.)

18 -o0o-

1 CERTIFICATE

2
3 STATE OF WASHINGTON)
4 COUNTY OF KING)

5
6
7 I, ANITA W. SELF, a Certified Shorthand Reporter
8 in and for the State of Washington, do hereby certify
9 that the foregoing transcript is true and accurate to
10 the best of my knowledge, skill and ability.

11 IN WITNESS WHEREOF, I have hereunto set my hand
12 and seal this 26th day of May, 2016.

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16
17 ANITA W. SELF, RPR, CCR #3032
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Kittitas Valley Wind Power Project

Monthly Project Update

June 14, 2016

Project Status Update

May Production Summary:

Power generated: 34,424 MWh
Wind speed: 8.7 m/s or 19.5 mph
Capacity Factor: 46.9%

Safety:

No incidents

Compliance:

Project is in compliance as of June 9, 2016.

Sound:

No complaints

Shadow Flicker:

No complaints

Environmental:

No incidents

Wild Horse

Wind Production: Generation totaled 79,525 MWh for an average capacity factor of 35.27%.

Safety: No lost-time accidents or safety injury/illnesses. Site staff completed annual review of the Emergency Response Plan.

Compliance/Environmental: Nothing to report.

**Energy Northwest
EFSEC Council Meeting
June 14, 2016**

I. Columbia Generating Station Operational Status

Columbia is online at 100% power and producing 1125 MWs. The plant has been online for 76 days.

There are no other events, safety incidents, or regulatory issues to report.

II. WNP 1/4 Water Rights

Site Injury

On April 9, 2016, one employee received a shock to their index finger. The employee was transported to a local hospital and observed overnight as a precautionary measure. The individual returned to work the following day, with no restrictions or injuries.

Washington State Department of Labor and Industries (L&I) completed an inspection closeout meeting on May 18, 2016. Energy Northwest was cited for one violation of the WAC. A fine and some re-training requirements will be spelled out in L&I violation notice, which we expect to receive next month. Energy Northwest has already begun implementing corrective actions and the re-training requirements.

NEPA/Leasing

The Department of Energy and Energy Northwest have begun work on the NEPA Environmental Assessment (EA) for WNP 1/4. The NEPA process is expected to continue through the fall of 2016. Following completion of the EA, a new lease will be signed between EN and the Department of Energy. The new lease will allow for use of the water rights obtained in January 2015.









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

Chehalis Generation Facility----Monthly Plant Report – May 2016 **Washington Energy Facility Site Evaluation Council**

06-13-2016

Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 4944 days without a Lost Time Accident.

Environment:

- There were no air emissions or stormwater deviations or spills during the month of May 2016.
- Wastewater and Stormwater monitoring results were in compliance with the permit limits for the month of May 2016.

Personnel:

- Authorized plant staffing level is currently 19 with 19 positions filled.

Operations and Maintenance Activities:

- The Plant generated 76,945 MWhrs in May 2016 for a total YTD capacity factor of 19.3%.

Regulatory/Compliance:

- Nothing to report.

Sound monitoring:

- There were no noise complaints to report.

Carbon Offset Mitigation

- There are no updates on the carbon offset mitigation projects this reporting period.

Respectfully,

Mark A. Miller
Manager, Gas Plant

EFSEC Monthly Operational Report

May, 2016

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. Submitted the April Discharge Monitor Report (DMR) to WebDMR.
- 2.2. A bid specification has been created for the Cooling Tower Replacement Project. A select list of vendors has been invited to attend a pre-bid meeting at our site next month.

3. Operations & Maintenance

- 3.1. Grays Harbor Energy (GHE) operated 26 days and generated 284,406 MWh during the month of May.
- 3.2. The capacity factor (CF) was 61.7% in May, and 50.5% YTD.
- 3.3. The availability factor (AF) was 94.6% in May, and 89.4% YTD.
- 3.4. GHE began a Hot Gas Path Inspection (HGPI) on Combustion Turbine #1 on May 27 which is expected to be complete in mid-June.

4. Noise and/or Odor

- 4.1. There were no complaints made to the site during the month of May.

5. Site Visits

- 5.1. There were no site visits during the month of May.

6. Other

- 6.1. Grays Harbor is staffed with 21 personnel. The Plant Engineer position remains vacant.