



# Washington State

## Energy Facility Site Evaluation Council

### AGENDA

**MONTHLY MEETING**  
Tuesday, September 20, 2016  
**1:30 PM**

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

1. Call to Order ..... Bill Lynch, EFSEC Chair
2. Roll Call ..... Tammy Mastro, EFSEC Staff
3. Proposed Agenda ..... Bill Lynch, EFSEC Chair
4. Minutes  
Meeting Minutes..... Bill Lynch, EFSEC Chair
  - August 16, 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
  - e. Grays Harbor Energy Center
    - Operational Update..... Pete Valinske, Grays Harbor Energy
  - f. Tesoro/Savage Vancouver Energy Distribution Terminal
    - Project Update..... Sonia Bumpus, EFSEC Staff
  - g. Chehalis Generation Facility
    - Operational Update..... Mark Miller, Chehalis Generation Staff
    - Title V Air Operating Permit..... Jim LaSpina, EFSEC Staff

The Council may consider and take **FINAL ACTION** on issuing the permit after the public comment period closes.
6. Other
  - a. Council
    - Petition For Declaratory Order..... Stephen Posner, EFSEC Staff

The Council will discuss a petition from Columbia Riverkeeper requesting the Council to issue a declaratory order concerning Northwest Innovation Works, a proposed methanol production facility in Cowlitz County. The Council will not receive public comment but may take **Final Action** on this matter.

  - SIP Update..... Jim LaSpina, EFSEC Staff
7. Adjourn ..... Bill 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

WASHINGTON STATE  
ENERGY FACILITY SITE EVALUATION COUNCIL  
Richard Hemstad Building  
1300 South Evergreen Park Drive Southwest  
Conference Room 206 --

Monthly Council Meeting held before  
CHAIR BILL LYNCH

1:30 p.m. - 2:15 p.m.  
August 16, 2016  
Olympia, Washington

Mary M. Paradise, CSR 2469

## APPEARANCES

### Council Members Present:

Bill Lynch, Chair  
Dennis Moss, Utilities and Transportation  
Commission  
Cullen Stephenson, Department of Ecology  
Jaime Rossman, Department of Commerce

### Assistant Attorney General:

Ann C. Essko, Senior Counsel

### Local Government and Optional State Agency:

Bryan Snodgrass, City of Vancouver  
(Via phone line)  
Ken Stone, Department of Transportation  
(Via phone line)  
Greg Shafer, Clark County

### Staff in Attendance:

Stephen Posner  
Sonia Bumpus  
Ami Kidder  
Jim LaSpina  
Joan Aitken  
Kali Wrspir

### Guests in Attendance:

Pete Valinske, Grays Harbor Energy  
Rich Downen, Grays Harbor Energy

### Guests in Attendance Via Phone Line:

Bronson Potter, City of Vancouver  
Jennifer Diaz, Puget Sound Energy  
Shannon Khouonnala, Energy Northwest  
Tim McMahan, Stoel Rives  
Eric Melbardis, EDP Renewables  
Kristen Boyles, Earth-Justice

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OLYMPIA, WASHINGTON AUGUST 16, 2016  
1:30 p.m.  
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## PROCEEDINGS

CHAIR LYNCH: Good afternoon. Today is Tuesday, August 16th, the monthly meeting for the Energy Facility Site Evaluation Council. Can we please have the staff call roll?

MS. WRASPIR: Department of Commerce.

MR. ROSSMAN: Jim Rossman here.

MS. WRASPIR: Department of Ecology.

MR. STEPHENSON: Cullen Stephenson here.

MS. WRASPIR: Fish and Wildlife.

CHAIR LYNCH: Excused.

MS. WRASPIR: Department of Natural

Resources.

CHAIR LYNCH: Excused.

MS. WRASPIR: Utilities & Transportation

Commission.

MR. MOSS: Dennis Moss is here.

MS. WRASPIR: Local governments and

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1 optional state agencies for the Tesoro/Savage  
2 project, Department of Transportation.  
3 MR. STONE: Ken Stone is here.  
4 MS. WRASPIR: City of Vancouver.  
5 MR. SNODGRASS: Bryan Snodgrass is on the  
6 phone.  
7 MS. WRASPIR: Clark County.  
8 MR. SHAFER: Greg Shaffer present.  
9 MS. WRASPIR: Port of Vancouver.  
10 CHAIR LYNCH: Mr. Paulson indicated he'd  
11 be calling in by telephone.  
12 MS. WRASPIR: Chair, there is a quorum for  
13 the regular council and for the Tesoro/Savage  
14 project council.  
15 CHAIR LYNCH: Thank you. And if we could  
16 please have the council members take a last look at  
17 the June 14, 2016 minutes. We did not have a July  
18 council hearing, so we're just looking at the June  
19 minutes. And I believe eagle eye council member  
20 Cullen Stephenson found a correction.  
21 MR. STEPHENSON: Thank you, Chair Lynch.  
22 First of all, I noted, since I wasn't at this  
23 meeting, the minutes were much more cogent than  
24 usual. But on page 25, line 8, there is a word  
25 called throws, and it should be with is an "e"

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1 instead of a "w," so t-h-r-o-e-s, I believe is the  
2 intent here.  
3 CHAIR LYNCH: And does anybody else have  
4 any suggested edits to the minutes from June?  
5 Hearing none, I entertain a motion for their  
6 approval, as corrected.  
7 MR. MOSS: Chair Lynch, I'll move that we  
8 approve the minutes of the -- what's the date?  
9 CHAIR LYNCH: June 14th.  
10 MR. MOSS: June 14th, as amended.  
11 CHAIR LYNCH: Do we have a second?  
12 MR. ROSSMAN: Second.  
13 CHAIR LYNCH: It's been moved and seconded  
14 that we approve the minutes from the June 14th  
15 meeting, as corrected. All those in favor say aye  
16 MR. STONE: Aye.  
17 MR. MOSS: Aye.  
18 MR. STEPHENSON: Aye.  
19 MR. ROSSMAN: Aye.  
20 MR. SHAFER: Ayes.  
21 CHAIR LYNCH: Opposed? Motion carries.  
22 And I would just note that today will be a fairly  
23 quick council meeting. Does anyone have any  
24 proposed changes to the agenda? And hearing none,  
25 we'll proceed.

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1 And at this point in time, before we get  
2 the operational updates, I'd like to give those  
3 people who are on the phone an opportunity to  
4 identify themselves, though they're not required  
5 to. I'm sorry, whoever just identified themselves,  
6 can you do that again, because we got a loud buzz  
7 from somebody else just joining us.  
8 MR. POTTER: Yes, it's --  
9 CHAIR LYNCH: I heard you, Mr. Potter.  
10 Someone else was calling in right when you were  
11 saying it again. So that was Bronson Potter for  
12 the City of Vancouver.  
13 MR. McMAHAN: Tim McMahon with Stoel  
14 Rives.  
15 MS. KHOUNNALA: Shannon Khounnala, Energy  
16 Northwest.  
17 MR. MELBARDIS: Eric Melbardis, EDP  
18 Renewables.  
19 MS. BOYLES: Kristen Boyles, Earth  
20 Justice.  
21 CHAIR LYNCH: Anybody else? And was that  
22 -- there was a woman who identified themselves  
23 earlier, and it was hard to hear the name. Is that  
24 Ms. Khounnala?  
25 MS. KHOUNNALA: Yes, I'm here.

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1 CHAIR LYNCH: Okay, thank you. So at this  
2 point in time, let's go ahead and proceed to our  
3 operational updates. Kittitas Valley Wind Project?  
4 MR. MELBARDIS: Yes. Good afternoon,  
5 Chair Lynch, EFSEC council. This is Eric Melbardis  
6 with EDP Renewables for the Kittitas Valley Wind  
7 Power Project. Can you hear me all right?  
8 CHAIR LYNCH: Yes. Thank you.  
9 MR. MELBARDIS: The Kittitas Valley Wind  
10 Power Project has nothing non-routine to report.  
11 CHAIR LYNCH: And we always like reports  
12 like that. Any questions for Mr. Melbardis? Thank  
13 you, Mr. Melbardis.  
14 And let's go ahead and proceed to the Wild  
15 Horse Wind Power Project. And do we have Ms. Diaz  
16 on the line? Mr. LaSpina, are you aware of --  
17 MR. LASPINA: I thought I heard her  
18 identify herself. Well, in that -- in that case,  
19 it's -- the monthly report is the pink sheet.  
20 CHAIR LYNCH: And you were all provided a  
21 copy of the report from Wild Horse. They have  
22 conducted an emergency response drill in  
23 coordination with the Kittitas County Fire And  
24 Rescue. The staff also received training on safe  
25 access and rescue training for climbing wind

1 turbines.

2 In the area of maintenance, they applied a  
3 new layer of chip seal to the main road between the  
4 maintenance building and the renewable energy  
5 center. And they received -- the site staff  
6 received annual training on spill prevention  
7 control and countermeasure plan. And there were no  
8 accidents or injuries to report.

9 So let's go ahead and move to Columbia  
10 Generating Station, and then WNP 1/4.

11 Ms. Khounnala?

12 MS. KHOUNNALA: Yes, thank you.

13 CHAIR LYNCH: Excuse me, Ms. Khounnala, we  
14 can barely hear you at all. So can you please move  
15 closer to the phone, please?

16 MS. KHOUNNALA: Okay. Is that better?

17 CHAIR LYNCH: That's a lot better. Thank  
18 you.

19 MS. KHOUNNALA: There we go. So first, to  
20 start off with, Columbia Generating Station, we do  
21 want to report out to the council an event that we  
22 had in regard to our evaporation ponds that were  
23 installed a little over two years ago now.

24 As you'll see in our report, on the  
25 morning of June 13th, one of our evaporation ponds,

1 1-B, was found to be overtopping with water. So it  
2 was overflowing. The water -- we estimate to be  
3 about 500 to a thousand gallons of water drained  
4 out from pond 1-B into a gravel area south of the  
5 evaporation pond facility.

6 So I think it's worth noting, and a  
7 reminder that evaporation pond 1-B received the  
8 water from our potable water filter plant and  
9 includes --

10 CHAIR LYNCH: I'm sorry, we're starting to  
11 lose you again. Please, if you could talk a little  
12 louder.

13 MS. KHOUNNALA: Okay. Any better?

14 CHAIR LYNCH: That's better. Thank you.

15 Just remember to keep your voice up.

16 MS. KHOUNNALA: Okay. I'll do my best.

17 So that water, again, from 1-B is -- comes from our  
18 potable water filter plant, reverse osmosis  
19 filtrate and fire test water. None of the water in  
20 the evaporation pond 1-B comes from plant  
21 wastewater streams.

22 So we -- we did look into the event, and  
23 we determined that the overflow was caused by a  
24 partially plugged screen that covers the drain in  
25 pond 1-B. That drain automatically flows to pond

1 2. However, because that drain was partially  
2 clogged, it prevented the automatic flow into the  
3 next adjacent pond, which resulted in the  
4 overtopping.

5 As a response to this, we have put in some  
6 corrective action measures. One of those is that  
7 we will be replacing the screen with a larger -- a  
8 larger screen diameter, as well as the overflow,  
9 will have no screen on it so that we don't  
10 encounter this issue.

11 Additionally, we will be cleaning pond 1-B  
12 to remove some of the solids that have accumulated  
13 from the potable water filter plant system.

14 So those are the actions we put -- we're  
15 putting into place. We're working those now. We  
16 regret that we -- we had some overtopping of that  
17 water. We are still learning quite a bit about  
18 this system and how to manage the system. We are  
19 managing it in -- in accordance with our approved  
20 O&M manual and have been working with EFSEC staff,  
21 keeping them updated on the progress of this, and  
22 we'll -- we'll continue to do so.

23 Are there any specific questions about  
24 Columbia Generating Station and our operational  
25 status?

1 CHAIR LYNCH: I'll ask, before I turn to  
2 council members, Ms. Khounnala, I'll ask,  
3 Mr. LaSpina, there anything else to add regarding  
4 this incident that you can add?

5 MR. LASPINA: Thank you, Chair Lynch. I  
6 just want to report that EFSEC staff are working  
7 with Ecology staff to investigate the incident more  
8 thoroughly.

9 Also, Energy Northwest has proposed some  
10 corrective actions, and those actions await review  
11 by Ecology's engineer that reviewed the original  
12 design of the -- of the evaporation ponds. And so  
13 EFSEC staff expects to have a complete report for  
14 the council at next month's council meeting.

15 CHAIR LYNCH: Okay. Very good. Any  
16 questions for either Mr. LaSpina or Ms. Khounnala  
17 regarding Columbia Generating Station? Yes,  
18 Mr. Stephenson.

19 MR. STEPHENSON: Thank you, Chair Lynch.  
20 I don't know if this is for Ms. Khounnala or  
21 Mr. LaSpina, but the report says it was supposed to  
22 overflow into pond 2, and the -- this partially  
23 plugged screen precluded the flow between the  
24 ponds. So I wonder, where did the flow go, and is  
25 that a problem?

## Verbatim Transcript of Monthly Council Meeting

## Washington State Energy Facility Site Evaluation Council

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<p>1 MS. KHOUNNALA: So I'd be happy to take a 2 stab at that answer. Yes, pond 1-B does flow into 3 pond 2. Because of the partially clogged screen, 4 it overtopped the pond, essentially, and flowed 5 down the side of the pond into a gravel area that's 6 sometimes used as a -- as, essentially, a parking 7 area. 8 I think it is important to note that the 9 water that recedes -- that is received in ponds 10 1-A, 1-B and 2, we do have the approval to use 11 water directly from those ponds as construction 12 water around the site or dust suppression around the 13 site. 14 It is non-plant associated water. It 15 really is very clean. It has, you know, some of 16 these solids that we use in the -- in the -- in the 17 backwash from our potable water system, but we do 18 have the ability to discharge this water for 19 construction or dust suppression purposes. 20 Clearly, when we overtop a pond, that's 21 not operating the way we want it to operate, but 22 the source of the water itself, you know, is -- is 23 not an impactful source, and it -- we do have a 24 permit to use that water around the site. I hope 25 that answers your question.</p>	<p>1 Energy Northwest for its Columbia Generating 2 Station September 30th, 2014. During the last 3 stages of the development of the permit, the US 4 Environmental Protection Agency released its final 5 rule on cooling water intake structures. 6 The rule is known as the Clean Water Act 7 316(b) rule. The intent of the -- of the 316(b) 8 rule is to reduce entrainment and impingement of 9 aquatic life into cooling water systems of large 10 industrial facilities. The 316(b) rule applies to 11 the cooling water intake structures used by the 12 Columbia Generating Station to take cooling water 13 from the Columbia River to help cool its nuclear 14 reactor. 15 Permit condition S.12.B requires Energy 16 Northwest to draft an entrainment characterization 17 study plan for review by regulatory agencies. The 18 purpose of the entrainment study is to determine 19 whether and to what extent the Columbia Generating 20 Station's cooling water intake system entrains 21 aquatic life into the cooling water system. 22 The plan was reviewed by the Washington 23 Department of Fish and Wildlife, the US National 24 Marine Fishery Service, and three independent fish 25 study specialists. In communications with EFSEC,</p>
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<p>1 MR. STEPHENSON: Thank you. 2 CHAIR LYNCH: Any further questions for 3 Ms. Khounnala or Mr. LaSpina regarding the Columbia 4 Generating Station? 5 Ms. Khounnala, why don't you go ahead and 6 proceed to WNP 1/4? 7 MS. KHOUNNALA: Okay. Thank you. In 8 regard to WNP 1/4, there really is not a lot of 9 change in the updates for the WNP. We will 10 continue to work on the NEPA Environmental 11 Assessment for 1 and 4, and that work will continue 12 into the fall through the end of 2005. So no 13 additional updates for that project. 14 CHAIR LYNCH: Okay. Very good. Any 15 questions for Ms. Khounnala on WNP 1/4? 16 Mr. LaSpina, you are flagging something 17 for us. 18 MR. LASPINA: Yes. Chair Lynch, I'd like 19 to provide an update regarding the entrainment 20 characterization study. 21 CHAIR LYNCH: Oh, yes. Thank you. 22 MR. LASPINA: That is required by the 23 NPDES Permit Commission as 12.B. So I have a 24 little -- just a little update for the council. 25 EFSEC issued the current NPDES permit to</p>	<p>1 WDFW indicated the plan complies with Clean Water 2 Act requirements. 3 In addition, they express concerns the 4 plan may not meet all of WDFW and NMFS guidelines. 5 It is our understanding that these concerns will be 6 addressed during formal consultation, which is now 7 under way between NMFS and the Nuclear Regulatory 8 Commission to develop an incidental taped statement 9 and biological opinion. 10 Depending on the outcome of the 11 consultation, Energy Northwest may be required to 12 undertake other tasks not required by the Clean 13 Water Act. Based on concurrence of EPA, WDFW, NMFS 14 and the Thurston County Superior Court that 15 reviewed the appeal of the permit, the permit 16 complies with the Clean Water Act, and EFSEC 17 approved Energy Northwest's entrainment 18 characterization study plan. The EFSEC manager 19 approved the entrainment characterization study 20 plan on June 22nd, 2016. 21 I can address any concerns or answer any 22 questions you have at this time. 23 CHAIR LYNCH: Just as a follow-up, 24 Mr. LaSpina, I think the big news out of this is 25 that when we were working on issuing the permit</p>



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<p>1 earlier, the NRC had not agreed to have a 2 consultation with NMFS -- and that's N-M-F-S, 3 National Marine Fisheries Service -- and now, they 4 have agreed and they're actually undergoing that 5 consultation process. So that's a good healthy 6 thing, and we're glad that's under way. 7 Any questions for Mr. LaSpina? Very good. 8 Thank you. 9 And Mr. Miller, Chehalis Generation? 10 MR. LASPINA: Mr. Miller is not available 11 today, sir. 12 CHAIR LYNCH: And Mr. Miller's report is 13 the blue piece of paper, and I believe that there 14 was -- in looking at this earlier, there was 15 nothing to -- of significance to update the council 16 on. 17 And I believe -- was it the last council 18 meeting, Mr. LaSpina, that we indicated that we -- 19 we will be working -- that the Title V air permit 20 will be going to public notice? And it looks like 21 you've got that in your hands. 22 MR. LASPINA: Thank you, Chair Lynch. I 23 have a short update on the re-issuance of the Title 24 V air emissions permit. 25 Today, EFSEC would like to inform the</p>	<p>1 the final permit after the close of public comment. 2 I can answer any questions you have at this time. 3 CHAIR LYNCH: And thank you, Mr. LaSpina. 4 You might remember, in fact, you've got last -- 5 excuse me. You have June's minutes in front of 6 you, and we spoke about this Title V permit at that 7 time, how it's a really -- not a substantive change 8 in requirements for -- how a facility operates. 9 A Title V permit essentially collects 10 existing -- all the existing permits and 11 obligations that they have, rolls them into one 12 package, but then it includes monitoring and -- and 13 inspection provisions frequently. 14 And as Mr. LaSpina said, the counsel will 15 be getting the permits and all the comments in 16 front of us at the next council meeting, and we'll 17 have a chance to review it, make any changes, if we 18 desire, and then issue the permit. 19 Any questions for Mr. LaSpina? Thank you. 20 Yes, Mr. Rossman. 21 MR. ROSSMAN: This is just a small data 22 question, and I don't need an answer right now, but 23 I'm just looking at these two months against each 24 other, June and July. It looks like generation in 25 June was about 117,000 megawatt hours, and that's</p>
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<p>1 council of its intent to begin the public notice 2 process for renewal of the Chehalis Title V and 3 Title IV air emissions permits. The PacificCorp 4 Chehalis generating facility combusts natural gas 5 to generate power that is dispatched to the 6 transmission grid. 7 The Title IV and Title V permits regulate 8 emissions of various combustion by-products from 9 burning the natural gas into the atmosphere. These 10 permits, together with the prevention of 11 significant deterioration, or PSE permit, regulate 12 air emissions of such substances as carbon 13 monoxide, nitrous oxides and sulfuric acid. 14 This renewed permit will not contain any 15 significant changes from the existing permit, but 16 will make minor revisions to regulatory monitoring 17 and require -- and reporting, as required by state 18 and federal laws. 19 The public notice process, which will 20 include a public comment period, will begin on 21 Thursday, August 25th, and end at the close of 22 business on May -- September 26th. So that's a 23 little bit over a 30 day comment period. 24 The council will have the opportunity to 25 consider public comments and approve issuance of</p>	<p>1 -- oh, I'm sorry. 2 I think I've answered my own question. 3 That's a year to date capacity factor there, and 4 not the month's. I was just noticing the next 5 month it was higher, but a smaller amount of 6 generation, and that's because it's year to date. 7 So never mind. 8 CHAIR LYNCH: Thank you, Mr. Rossman. And 9 actually, it's good that you mention the reports, 10 because I forgot to mention that the submissions 11 from PacificCorp includes a monthly plant report 12 for June 2016 and July 2016. So you have both of 13 those in front of you at this time. 14 Mr. Stephenson? 15 MR. STEPHENSON: Thank you, Chair Lynch. 16 Just a follow-up that, Mr. LaSpina, often, I look 17 at you during council meetings and I get nods from 18 you that, yes, this report is saying what it says 19 it should. 20 But the public doesn't see that, and I 21 just -- so for the record, I would like it to be 22 stated that staff actually looks at these reports. 23 I mean, we look at them during this meeting, but 24 staff looks at these reports, and you're approving 25 these reports as well, right?</p>

## Verbatim Transcript of Monthly Council Meeting

## Washington State Energy Facility Site Evaluation Council

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<p>1 MR. LASPINA: Approving the reports?</p> <p>2 MR. STEPHENSON: You're looking at the</p> <p>3 reports and you're agreeing with the -- the data</p> <p>4 that's on these reports?</p> <p>5 MR. LASPINA: Yes, but not approving them.</p> <p>6 MR. STEPHENSON: Okay. We approve them,</p> <p>7 but you agree that they're truthful. Thank you.</p> <p>8 CHAIR LYNCH: Okay. And now, let's move</p> <p>9 to the Grays Harbor Energy Center, and we have</p> <p>10 Mr. Valinske here with us, but we also have</p> <p>11 Mr. Downen in the audience. So it's a double bonus</p> <p>12 today for the council.</p> <p>13 MR. VALINSKE: Good afternoon, Chair</p> <p>14 Lynch, EFSEC council. My name is Pete Valinske.</p> <p>15 I'm a plant manager at Grays Harbor Energy. I have</p> <p>16 nothing abnormal to report. I have two additions</p> <p>17 to the June and July reports in your packet.</p> <p>18 We have -- we are nearing completion of a</p> <p>19 contract for our cooling tower replacement with a</p> <p>20 vendor. We expect to have something late this week</p> <p>21 or early next week in place, with the construction</p> <p>22 beginning mid-November and proceeding through April</p> <p>23 of 2017.</p> <p>24 Additionally, we finally got our PSD</p> <p>25 amendment 4 from EPA for review late last month.</p>	<p>1 that it's a little ahead of schedule on the cooling</p> <p>2 tower bid? I think -- I think that's ahead some of</p> <p>3 the benchmarks we --</p> <p>4 MR. VALINSKE: Our benchmarks were</p> <p>5 conservative. I think we had a contract date of</p> <p>6 December 31st of this year, so we're ahead of that.</p> <p>7 MR. ROSSMAN: I want to congratulate you</p> <p>8 on that. Thank you.</p> <p>9 MR. VALINSKE: Thank you.</p> <p>10 MR. ROSSMAN: I'm wondering if the vacancy,</p> <p>11 of the plant engineer position that's noted here,</p> <p>12 is there any concerns about that on the cooling</p> <p>13 tower replacement project?</p> <p>14 MR. VALINSKE: For me, there is, because</p> <p>15 I'm doing both jobs at the same time, but we -- we</p> <p>16 have posted that job just this week. So we --</p> <p>17 we'll be interviewing, and I expect to have it</p> <p>18 filled before long.</p> <p>19 MR. ROSSMAN: My last question, was there</p> <p>20 any major change, up or down, in what you're</p> <p>21 finding in the discharge monitoring reports for</p> <p>22 June and July, or were they sort of in the same</p> <p>23 range of -- of what had been before that?</p> <p>24 MR. VALINSKE: They have been very</p> <p>25 consistent. Are you referring to the arsenic?</p>
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<p>1 That will enable us to move on with our Title V air</p> <p>2 permit, which Orca is currently working on.</p> <p>3 CHAIR LYNCH: And that PSD permit was</p> <p>4 seven, eight years in the making?</p> <p>5 MR. VALINSKE: Since 2009 was our initial</p> <p>6 request. So seven years in the making.</p> <p>7 CHAIR LYNCH: We're very happy to hear</p> <p>8 that EPA has provided you with a new permit.</p> <p>9 MR. VALINSKE: We were happy to receive</p> <p>10 it. And that's all I have. Thank you.</p> <p>11 CHAIR LYNCH: Very good. And I would like</p> <p>12 to point out that I was on the job about a month --</p> <p>13 two and a half years ago, and Mr. LaSpina came into</p> <p>14 my office, he said, there's something you should</p> <p>15 probably know. And he has been continually trying</p> <p>16 to work with EPA and -- and Grays Harbor to get</p> <p>17 this permit issued, and we -- it looks like we've</p> <p>18 had some success. So we're appreciative of</p> <p>19 everyone's efforts.</p> <p>20 MR. VALINSKE: We appreciate all your</p> <p>21 help, too, with that.</p> <p>22 CHAIR LYNCH: Thank you. Any questions</p> <p>23 for Mr. Valinske? Mr. Rossman.</p> <p>24 MR. ROSSMAN: Yes, a couple quick</p> <p>25 questions, Mr. Valinske. Thank you. Am I right</p>	<p>1 MR. ROSSMAN: Yes.</p> <p>2 MR. VALINSKE: Our arsenic is very</p> <p>3 consistent between 20 and 25 micrograms per liter,</p> <p>4 and we don't expect to see any change until we</p> <p>5 start removing lumber.</p> <p>6 MR. ROSSMAN: Thank you very much.</p> <p>7 MR. VALINSKE: You're welcome.</p> <p>8 CHAIR LYNCH: Any other questions for</p> <p>9 Mr. Valinske? No. Thank you for coming.</p> <p>10 MR. VALINSKE: Thank you.</p> <p>11 CHAIR LYNCH: Now, if we can get an update</p> <p>12 on the Tesoro/Savage Vancouver Energy Distribution</p> <p>13 Terminal. Ms. Bumpus.</p> <p>14 MS. BUMPUS: Good afternoon, Chair Lynch</p> <p>15 and council members. Thank you. I'm going to</p> <p>16 provide an update on where we are with permits, and</p> <p>17 then provide an update on the SEPA work that we've</p> <p>18 been doing, and I wanted to let council members</p> <p>19 know that I am also going to have Ami Kidder, who</p> <p>20 has been with EFSEC since May, do part of the SEPA</p> <p>21 update to council members on the work we're doing</p> <p>22 with tribes.</p> <p>23 So for the permit update for the NPDES</p> <p>24 stormwater industrial permit, last Friday on August</p> <p>25 12, 2016, EFSEC received materials from the</p>

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<p>1 applicant that were submitted in response to a 2 letter EFSEC sent to them on February 19. 3 This information includes a revised -- or 4 updated engineering report and other information 5 that our permit writer at Ecology or contractor 6 there is reviewing now. If all of the information 7 is complete and is there, he will proceed with 8 preparing draft preliminary -- or a preliminary 9 draft, rather, permit documents for staff to 10 review. 11 If there is additional information that we 12 do need as he reviews the materials, we'll ask the 13 applicant for that and continue working with him to 14 get everything we need to prepare the permits, but 15 we'll be finding out soon whether we have 16 everything he needs to proceed with preparing that. 17 For the NPDES stormwater construction 18 permit, we do have preliminary draft documents that 19 we have been internally reviewing. We have a few 20 questions for our contractors at Ecology that we 21 need to get clarification on. We'll make some 22 additional edits, and then we will do another 23 internal review, and this will include a legal 24 review of that -- of that permit. So I'll keep you 25 updated on that.</p>	<p>1 MS. BUMPUS: So for the notice of 2 construction air permit, again, like the 3 construction stormwater permit, we also have 4 preliminary draft documents that we're doing 5 internal review on. We did have questions and 6 comments back to the air permit contractor at the 7 Southwest Clean Air Agency that he now has and is 8 working to address. 9 Once those comments are addressed in the 10 permit documents, we will do another internal 11 review, and this also would include a legal review 12 as well. And so that's where we are with -- with 13 that, and I'll keep you updated. Are there any 14 questions about the permits? 15 CHAIR LYNCH: Any questions for Ms. Bumpus 16 regarding the permits? No questions. 17 MS. BUMPUS: So moving on to the SEPA 18 update, there's not a whole lot of new information 19 to update that you haven't already heard some 20 information about. 21 We're continuing to process the comments. 22 We are moving along in making progress. Our 23 consultant is keeping us updated on the extraction 24 of the comments from the submissions, and they're 25 -- they're making progress there, and they are also</p>
Page 26	Page 28
<p>1 CHAIR LYNCH: I'm just going to interrupt 2 you on that particular point, on the construction 3 stormwater permit. Council members might remember 4 that we adopted a rule, within the last year or so, 5 authorizing us to use general permits by the 6 Department of Ecology. 7 And in this particular case -- in fact, 8 most cases, we'll be using a general permit by 9 Ecology, I believe it will be with respect to the 10 the construction stormwater permit. That tends to 11 be a little more cookie cutter. 12 So in this case, we -- this is the first 13 time we are doing that. And so even though we are 14 saving time by doing that, the next time we have an 15 application in here, we'll save even more time, 16 because what we're working out now are some of the 17 differences between Ecology issuing a permit and us 18 issuing a permit, in terms of appeals and things 19 like that. 20 So it's -- so we're just kind of making 21 sure that that language is correct for when it goes 22 into the permit. But once that language is worked 23 out, that language is worked out for a very, very 24 long time. So that will really help us. 25 So thank you, Ms. Bumpus. Please proceed.</p>	<p>1 working with us to develop a schedule for not just 2 that part of the process, but the final EIS 3 development itself. 4 And that's kind of segwaying into some of 5 the additional work that we have authorized our 6 consultant to do on updating the transportation 7 risk analysis. There are several other areas that 8 we've authorized them to move forward with work, 9 and as those pieces fall into place and as we get 10 timelines for those pieces, we will keep developing 11 a schedule that will show us where we're going to 12 land with our final EIS. 13 So I'll keep you updated on that, but we 14 have authorized Cardno, the consultant, to move 15 forward on most of the work that needs to be done. 16 I should note that there is some work that 17 we've -- we're working with the applicant to 18 perform for seismic modeling. We had a discussion 19 with the applicant on July 22nd, and we're 20 reviewing a scope of work that they submitted to 21 EFSEC, and we'll be giving them some feedback on 22 that. But that's another piece of the information 23 that we need to fall into place to further develop 24 the schedule. 25 So are there any questions before I hand</p>



## Verbatim Transcript of Monthly Council Meeting

## Washington State Energy Facility Site Evaluation Council

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1 the update over to Ms. Kidder to talk about our  
2 tribal outreach?  
3 CHAIR LYNCH: Any questions for  
4 Ms. Bumpus? I know we're anxious to hear from  
5 Ms. Kidder. That's why we're not asking you  
6 questions at this moment. Ms. Kidder?  
7 MS. KIDDER: Well, good afternoon, Chair  
8 Lynch and council members. As Sonia said, my name  
9 is Ami Kidder. It's nice to meet you all.  
10 I just wanted to give you an update on our  
11 tribal outreach. At the end of June, on June 27th,  
12 EFSEC staff sent out letters to initiate outreach  
13 to tribes and begin to arrange meetings and discuss  
14 concerns based on the tribes' public comments --  
15 public comment submissions.  
16 Five of those tribes responded, and we  
17 have some of those meetings already scheduled, and  
18 some of the meetings we're still working to  
19 schedule with the tribes that have responded.  
20 CHAIR LYNCH: Can you say who you've had  
21 consultations with already?  
22 MS. KIDDER: We have -- we have already  
23 met with the Cowlitz Indian tribe. We've had a  
24 meeting with the Confederated Tribes of the Grand  
25 Ronde Community of Oregon, and we have had a

1 have anything else to add?  
2 MR. POSNER: The only thing I would add on  
3 that is just -- stress the point that the purpose  
4 of the -- the main purpose of reaching out to the  
5 tribes was to gather more information and sort of  
6 interact with them so that our consultant and our  
7 EFSEC staff can develop adequate responses to the  
8 comments that -- that various tribes provide on the  
9 DEIS. That was the -- one of the main purposes of  
10 the meetings.  
11 CHAIR LYNCH: All right. So this was more  
12 primarily SEPA related? Because they already had  
13 an opportunity to testify in adjudication?  
14 MR. POSNER: Yes, that's correct.  
15 CHAIR LYNCH: Okay. Thank you. So unless  
16 there's any other questions, we will move to the  
17 petition for the declaratory order that we received  
18 regarding the received regarding the proposed  
19 methanol facility in Cowlitz County.  
20 Mr. Posner, do you want to provide us with  
21 that?  
22 MR. POSNER: Yes. Thank you, Chair Lynch.  
23 Good afternoon, council members. So on June 23rd  
24 of this year, we received a petition from the  
25 Columbia River Keepers, a petition for -- it's

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1 meeting with the Confederated Tribes of the  
2 Umatilla Indian Reservation.  
3 CHAIR LYNCH: And my understanding is  
4 those -- did they call those consultations, or did  
5 they call them something -- or just meetings?  
6 MS. KIDDER: Those were staff-to-staff  
7 coordinations.  
8 CHAIR LYNCH: And it's actually -- I'll  
9 just make a fine point here. When you're having  
10 consultations that are government-to-government,  
11 it's hard for EFSEC to meet that -- the formal  
12 requirements of that, because we have no separately  
13 elected officials here, and the fact that -- and if  
14 we were to have me try to meet with the individual  
15 tribes, that would be an ex-parte contact with the  
16 tribe.  
17 So this is why we're having staff-to-staff  
18 meetings. This is the closest as we can come to a  
19 consultation. So we're -- we're trying to use the  
20 consultation model, where we're reaching out to the  
21 tribes, but they don't -- technically, they're not  
22 a consultation.  
23 Sorry for making that fine point, but I  
24 just wanted to get that on the record. Any  
25 questions for Ms. Kidder? And Mr. Posner, did you

1 called a petition for declaratory order. They're  
2 requesting that EFSEC issue a declaratory order  
3 concerning jurisdiction for the proposed Northwest  
4 Innovation Works natural gas to methanol conversion  
5 facility proposed at the Port of Kalama.  
6 And the noticing requirements concerning  
7 petitions for declaratory orders are described in  
8 RCW 34.05.240. Not only are the noticing  
9 requirements there, but it also lists the various  
10 options that an agency has in responding to a  
11 request for a declaratory order.  
12 So we issued a -- in keeping with the  
13 requirements of that section or that -- that part  
14 of the RCW, we issued an our first notice  
15 announcing receipt of the order on July 8th, and  
16 then we issued a second notice requesting response  
17 documents that was issued on July 15th.  
18 And in that notice, it had a number of  
19 filing dates for various documents. The first one  
20 was a deadline of August 2nd for objections to be  
21 filed, and that -- we received two objections from  
22 -- one from Northwest Innovation Works and the  
23 other from the Port of Kalama.  
24 And in those objections, both of those  
25 parties described how they believed their rights

1 would be prejudiced if EFSEC was to issue a  
2 declaratory order on this matter. And in response  
3 to that, or I should say responses to those  
4 objections were due on August 9th. We received one  
5 from Columbia River Keeper, and then replies to the  
6 responses to objections were due August 16th.

7 We received two of those on Friday, August  
8 12th, one from Northwest Innovation Works and one  
9 from the Port of Kalama. All of those documents  
10 have been posted on our web site. I sent a link  
11 out to council members yesterday so that you could  
12 review those documents.

13 I just have a little bit of update on that  
14 project. That project originally came to EFSEC --  
15 the project opponents -- with a description of the  
16 project, and a jurisdiction determination was made  
17 in September 2014 that it did not appear that we  
18 had regulatory authority or jurisdiction over the  
19 project.

20 And since that time, Cowlitz County and  
21 the Port of Kalama have been acting as SEPA --  
22 co-SEPA lead agencies. They are -- let's see.  
23 They are very close to issuing their final EIS.  
24 They have issued their draft EIS. I believe  
25 they're in the development phase for the final

1 environmental impact statement. I believe it's to  
2 be issued later this year.

3 So next steps are for council members  
4 to -- I request that you review the documents that  
5 are posted and that, basically, you'll be asked to  
6 decide the merits of the petition and whether or  
7 not the council can actually issue a declaratory  
8 order.

9 Because if you read 34.05.240, there is a  
10 section, and it's number 7, that says an agency may  
11 not enter a declaratory order that would  
12 substantially prejudice the rights of a person who  
13 would be a necessary party and who does not consent  
14 in writing to the determination of the matter by a  
15 declaratory order proceeding.

16 And both filings, one by the Port and the  
17 other by the facility, make -- make that claim. So  
18 similar to a request for a declaratory order that  
19 the council had in 2014 for the two proposals at  
20 the crude by rail transportation proposals at -- in  
21 Grays Harbor County -- I believe some of you were  
22 on the council at the time -- it's -- at least the  
23 filings, anyway, appear to sort of be similar to  
24 what we received on that project.

25 We have two of the parties that are

1 claiming that they would be prejudiced, and they  
2 describe in detail their reasons for that. So --  
3 CHAIR LYNCH: And that -- excuse me,  
4 Mr. Posner. The decision that the council issued  
5 on that, that's on our web site as well, is that  
6 correct?

7 MR. POSNER: That is correct. And on that  
8 matter, the council determined that they did not --  
9 could not issue a declaratory order.

10 So next month -- what I would propose is  
11 that next month, at next month's council meeting,  
12 if not before, but that seems like the most  
13 appropriate time, the council make a decision on  
14 this matter. And I'd be happy to answer any  
15 questions council members have.

16 CHAIR LYNCH: Any questions for Mr. Posner  
17 on the declaratory order? No questions. Thank  
18 you.

19 MR. POSNER: Thank you.

20 CHAIR LYNCH: And just a couple of things  
21 before we adjourn the meeting. First of all, I  
22 wanted to thank our gold medal staff for the good  
23 work that they did in putting together a five-week  
24 adjudication for all of us. So that --  
25 (Applause by council members.)

1 CHAIR LYNCH: It also deserves a bonus,  
2 but you're just going to get the hand.

3 But I don't think I've ever seen a hearing  
4 not only last that long, but use two different  
5 venues, so that was a lot of logistics to  
6 coordinate. So we're very appreciative.

7 And also, some good news but sad news, is  
8 that Kali Wraspir, who is my favorite, as I always  
9 say in our staff meetings, is staying with the UTC,  
10 but she will be leaving EFSEC. So I think the  
11 September committee meeting is your last meeting,  
12 is that right? Or is this your last meeting? We  
13 haven't decided. You might just have to stay here  
14 for all these meetings.

15 So Kali, anything you want to say? We're  
16 just going to put you on the spot. This is your  
17 chance.

18 MS. WRASPIR: I just want to say thank  
19 you, and it's been an absolute pleasure to work  
20 with everybody here at EFSEC, and this was a very,  
21 very tough decision. And I just have been  
22 overwhelmed by just how wonderful it has been to  
23 work here, and just how -- the immense amount of  
24 information that I have gleaned while I've been  
25 here is amazing, and I'm going to miss everybody.

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1 But the best thing about it is I'll still  
 2 be in the same building, so I can continue to  
 3 terrorize you, and I'll just -- I'll miss  
 4 everybody, but I absolutely appreciate everything.  
 5 Thank you so very much.

6 CHAIR LYNCH: Thank you, Kali. Council  
 7 Member Moss?

8 MR. MOSS: Chair Lynch, I'll just say as  
 9 an UTC representative on the council that our loss  
 10 is our gain.

11 CHAIR LYNCH: Any further comments before  
 12 we adjourn? Thank you all for your participation,  
 13 and we're adjourned.

14 (The proceedings adjourned at 2:15 p.m.)  
 15  
 16  
 17  
 18  
 19  
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 24  
 25

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# CERTIFICATE

4 STATE OF WASHINGTON

5 COUNTY OF KING

7 I, Mary M. Paradise, a Certified Shorthand  
 8 Reporter in and for the State of Washington, do  
 9 hereby certify that the foregoing transcript of the  
 10 EFSEC Monthly Meeting is true and accurate to the  
 11 best of my knowledge, skill and ability.

13 IN WITNESS WHEREOF, I have hereunto set my  
 14 hand this 25th day of August, 2016.

19 \_\_\_\_\_  
 MARY M. PARADISE, CSR



## **Chehalis Generation Facility----Monthly Plant Report – June 2016**

### **Washington Energy Facility Site Evaluation Council**

08-15-2016

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#### **Safety:**

- There were no recordable incidents this reporting period and the plant staff has achieved 4974 days without a Lost Time Accident.

#### **Environment:**

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

#### **Personnel:**

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

#### **Operations and Maintenance Activities:**

- The Plant generated 116,963 MWhrs in June 2016 for a total YTD capacity factor of 18.13%.

#### **Regulatory/Compliance:**

- Nothing to report.

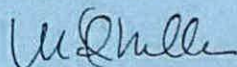
#### **Sound monitoring:**

- 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



## **Wild Horse**

### **Wind Production**

- June wind generation totaled 64,836 MWh for an average capacity factor of 33.03%
- July wind generation totaled 57,915 MWh for an average capacity factor of 28.56%

### **Safety**

- No lost-time accidents or safety injury/illnesses
- Site staff conducted an emergency response drill in coordination with Kittitas County Fire and Rescue
- Site staff received training on safe access and rescue training for climbing wind turbines
- Site staff participated in PSE's annual Wind Safety Day

### **Maintenance**

- A new layer of chip seal was applied to the main road between the Maintenance Building and the Renewable Energy Center

### **Compliance/Environmental**

- In accordance with Article VI.A.2. of the SCA, site staff received annual training on the Spill Prevention, Control and Countermeasure Plan (SPCCP)



## EFSEC Monthly Operational Report

June and July, 2016

1. Safety and Training

- 1.1. There were no accidents or injuries during the months of June and July.
- 1.2. Conducted scheduled and required monthly training.
- 1.3. Conducted the scheduled safety committee meeting.

2. Environmental

- 2.1. Submitted the monthly Discharge Monitor Reports (DMR) for June and July to Ecology.
- 2.2. Submitted the 2016 Q2 Storm Water DMR to Ecology.
- 2.3. Submitted the 2016 Q2 Emissions Data Report (EDR) to EFSEC and EPA.
- 2.4. A pre-bid site visit for the cooling tower replacement project potential vendors occurred in June. Four bids were received and evaluated in July. A preferred vendor has been identified. Final contract approvals and details are being worked out.
- 2.5. Since 2008, The Climate Trust has received offset project funding in the amount of \$2,563,288.03 from Grays Harbor, \$1,907,563.17 of which was invested directly in projects both inside and out of the state of Washington and which offset 237,931 metric tons of carbon.

3. Operations & Maintenance

- 3.1. Grays Harbor Energy (GHE) operated 19 days and generated 118,998 MWh during the month of June. GHE operated 29 days and generated 358,887 MWh during the month of July.
- 3.2. The capacity factor (CF) was 26.7% in June, 77.8% in July and 50.7% YTD.
- 3.3. The availability factor (AF) was 61.0% in June, 100% in July and 86.9% YTD.
- 3.4. Hot Gas Path Inspections (HGPI) were completed on both Combustion Turbines in June.

4. Noise and/or Odor

- 4.1. There were no complaints made to the site during the months of June and July.

5. Site Visits

- 5.1. There were no site visits during the months of June and July.

6. Other

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



# Kittitas Valley Wind Power Project

## Monthly Project Update

July 19, 2016

### Project Status Update

#### June Production Summary:

Power generated:	31,569 MWh
Wind speed:	8.5 m/s or 19 mph
Capacity Factor:	45.3%

#### Safety:

No incidents

#### Compliance:

Project is in compliance as of July 19, 2016.

#### Sound:

No complaints

#### Shadow Flicker:

No complaints

#### Environmental:

No incidents



## **Chehalis Generation Facility----Monthly Plant Report – July 2016**

### **Washington Energy Facility Site Evaluation Council**

08-15-2016

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#### **Safety:**

- There were no recordable incidents this reporting period and the plant staff has achieved 4974 days without a Lost Time Accident.

#### **Environment:**

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

#### **Personnel:**

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

#### **Operations and Maintenance Activities:**

- The Plant generated 77,608 MWhrs in July 2016 for a total YTD capacity factor of 21.02%.

#### **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



# Kittitas Valley Wind Power Project

## Monthly Project Update

August 16, 2016

### Project Status Update

#### July Production Summary:

Power generated:	41,972 MWh
Wind speed:	10.1 m/s or 22.6 mph
Capacity Factor:	58.4%

#### Safety:

No incidents

#### Compliance:

Project is in compliance as of August 15, 2016.

#### Sound:

No complaints

#### Shadow Flicker:

No complaints

#### Environmental:

No incidents

**Energy Northwest  
EFSEC Council Meeting  
August 16, 2016  
Shannon Khounnala**

**I. Columbia Generating Station Operational Status**

Columbia is online at 100% power and producing 1118 MWs. The plant has been online for 138 days.

Evaporation Pond Overflow

On the morning of June 13, 2016, evaporation pond 1B was found to be overflowing. Evaporation pond 1B receives backwash water from the potable water filter plant, reverse osmosis filtrate, and fire test water. These non-plant wastewaters are sent directly to Ponds 1A, 1B, and 2, where the water is often used for construction water or road watering around the site. An estimated 500-1000 gallons of water drained over the edge of the pond and washed into a graveled area south of the evaporation pond. Energy Northwest determined the overflow was caused by a partially-plugged screen that covers the drain in pond 1B. While pond 1B is designed to automatically flow to pond 2, to prevent it from overflowing, the partially-plugged screen precluded the flow between the ponds.

Energy Northwest plans to replace pond 1B screen with a modified larger intake screen and an open (no screen) overflow so a solids accumulation cannot plug the drain/overflow line. Additionally cleaning of pond 1B will occur, per the approved O&M manual.

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

**II. WNP 1/4 Water Rights**

NEPA/Leasing

The Department of Energy continues to 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.



# Kittitas Valley Wind Power Project

## Monthly Project Update

September 20, 2016

### Project Status Update

#### **August Production Summary:**

Power generated: 31,119 MWh  
Wind speed: 8.4 m/s or 18.8 mph  
Capacity Factor: 41.5%

#### **Safety:**

No incidents

#### **Compliance:**

Project is in compliance as of September 16, 2016.

#### **Sound:**

No complaints

#### **Shadow Flicker:**

No complaints

#### **Environmental:**

No incidents

## **Wild Horse**

### **Wind Production**

August wind generation totaled 44,749 MWh for an average capacity factor of 22.06%

### **Safety**

No lost-time accidents or safety injuries/illnesses

### **Maintenance**

Nothing to report

### **Compliance/Environmental**

Nothing to report

**Energy Northwest  
EFSEC Council Meeting  
September 20, 2016  
Shannon Khounnala**

**I. Columbia Generating Station Operational Status**

Columbia is online at 100% power and producing 1142 MWs. The plant has been online for 174 days.

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

**II. WNP 1/4 Water Rights**

No Change from August 2016 update:

NEPA/Leasing

The Department of Energy continues to 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.



## EFSEC Monthly Operational Report

August, 2016

### 1. Safety and Training

- 1.1. There were no accidents or injuries during the months of August.
- 1.2. Conducted scheduled and required monthly training.
- 1.3. Conducted the scheduled safety committee meeting.

### 2. Environmental

- 2.1. Submitted the monthly Discharge Monitor Report (DMR) for July to Ecology.
- 2.2. Completed the annual storm water dry weather inspection.
- 2.3. Completed the annual priority pollutant sample of the outfall.
- 2.4. All paved surfaces were vacuumed to remove accumulated contaminants prior to the rainy season. This is a commitment GHE made to EFSEC as a Best Management Practice (BMP) to minimize pollutant run-off following a high copper reading on a prior storm water sample.
- 2.5. Submitted EPA DMR-QA Study 36 testing results to Ecology.
- 2.6. A contract is in place with Enexio to replace the cooling tower structure lumber with fiber-reinforce plastic (FPR). EFSEC is reviewing the contract to determine the need for a Notice of Construction (NOC). An on-site pre-construction meeting is scheduled to occur in October.

### 3. Operations & Maintenance

- 3.1. Grays Harbor Energy (GHE) operated 31 days and generated 393,187 MWh during the month of August.
- 3.2. The capacity factor (CF) was 85.2% in August, and 50.7% YTD.
- 3.3. The availability factor (AF) was 97.7% in August, and 88.3% YTD.
- 3.4. Annual RATA and stack testing was completed in August.

### 4. Noise and/or Odor

- 4.1. There were no complaints made to the site during the months of June and July.

### 5. Site Visits

- 5.1. ORCAA was on-site in August to observe the annual RATA and stack testing.

### 6. Other

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

## **Chehalis Generation Facility----Monthly Plant Report – August 2016**

### **Washington Energy Facility Site Evaluation Council**

09-15-2016

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#### **Safety:**

- There were no recordable incidents this reporting period and the plant staff has achieved 398 days without a Lost Time Accident.
- A personnel safety incident that occurred in August 2015 was revised from a Medical Treatment case to a Lost Time Accident.

#### **Environment:**

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

#### **Personnel:**

- Authorized plant staffing level is currently 18 with 19 positions filled.
- The open position is for Operations Manager.

#### **Operations and Maintenance Activities:**

- The Plant generated 142,644 MW-hrs in August 2016 for a total YTD capacity factor of 23.52%.

#### **Regulatory/Compliance:**

- Nothing to report.

#### **Sound monitoring:**

- There were no noise complaints to report.



### Carbon Offset Mitigation

- High Efficiency Lighting Project:

The retrofit of plant lighting is the first of three In-Plant Energy Efficiency Measures approved by EFSEC. This project has been completed. The Project reduces energy consumption for lighting in the plant by 290 megawatt-hours per year (MWh/year). The initial estimate was 246 MWh/year.

The final cost was \$138,354.81.

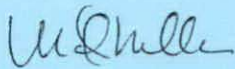
- Reverse Osmosis Pump Variable Frequency Drives:

This is the second of the three projects is undergoing scoping and engineering for implementation in early 2017.

- Closed Cooling Water System:

Project start date is to be determined.

Respectfully,



Mark A. Miller  
Manager, Gas Plant