

Stakeholder emails concerning TAG 5 as provided in TAG 5 meeting record

Appendix 2

Comments of TAG members in protest to rescheduling Energize Eastside meeting

Email comment 1

From: whalvrsn1@frontier.com [mailto:whalvrsn1@frontier.com]

Sent: Tuesday, February 26, 2019 1:44 PM

To: Kvam, Michele

Cc: Netik, Irena; Popoff, Phillip; Diane Adams; Amanda Jahshan; Bill Pascoe; Brad Cebulko; Brian Grunkemeyer; Court Olson; Dan Kirschner; Daren Anderson - NESCO Group; David Broustis; David Howarth; David Nightingale; David Tomlinson; Devin McGreal; Fred Heutte; Jimad@msn.com; Joni Bosh; kate@westerngrid.net; Scanlan Kathi (UTC); larry.becker1@frontier.com; Mark Sellers-Vaughn; Mike Hopkins; Nancy Esteb; Nicholas Matz; Noah Roselander; Hansennp; Rachel Brombaugh; Rector Andrew (UTC); Rob Briggs; Russ Weed; Russell Steele; marty.saldivar@williams.com; Nathan Sandvig; Steven Johnson; Virginia Lohr; Tomas Morrissey; Willard Westre; Don Marsh

Subject: February 7th TAG minutes

Hi Michelle,

In regard to your request for feedback and further clarification of the February 7 TAG minutes, I would like to draw your attention to your Attachment: 2019 Integrated Resource Plan Action item #8 regarding Energize Eastside. It reads:

Action item	Description	PSE action	Status
#8 Progress	Host a presentation of the Energize Eastside project and invite TAG members. (TAG #4, January 9, 2019)	The presentation is being planned and will be communicated to TAG members.	In

I believe that the minutes do not accurately represent the action item that was recommended by TAG members -- including representatives of the WUTC -- and agreed to by PSE.

As to the action item and description:

The action item should more clearly state agreement to hold an analytical review of Energize Eastside at a regularly scheduled TAG meeting. The allotted time was four hours to include presentation and Q&A's. The meeting was scheduled for March 18th.

My notes for the January 9th meeting show that:

1. PSE agreed to review Energize Eastside including load flow studies and customer demand forecasts. The 2017 IRP Chapter 8 was mainly descriptive and was never reviewed by the committee. The purpose here is to help better understand the underpinnings of this project through a technical dialogue -- both questions and answers.

2. PSE agreed to provide meaningful follow up and answers to questions raised in the WUTC's 2017 IRP acknowledgement letter including " a thorough examination of the analysis supporting a conclusion of need." More specifically,

- o "The effect of the power flows due to entitlement returns on the need for the Energize Eastside Project.

- o The reason for, and effect on the need for Energize Eastside Project, of modeling zero output from five of PSE's Westside thermal generation facilities.

- o PSE's choice not to provide modeling data to stakeholders with Critical Energy Infra structure Information clearance from ERC.

- o Resolution of the effect of lower load assumptions on the need for Energize Eastside Project.

- o It is still unclear if a joint utility analysis of all available transmission and potential interconnections in the Puget Sound region might solve the Energize Eastside reliability issues."

At the February 7th meeting, PSE shared that they have requested a six month extension in submitting the IRP. The reason given was legislative action regarding carbon emissions may impact the 2019 IRP. They suggested that further IRP meetings be postponed for that reason.

3. Since Energize Eastside was scheduled and not impacted by any potential legislative actions, it was recommended to have this presentation and discussion at the March 18 already scheduled TAG meeting. Mr. Don Marsh provided a handout further clarifying technical issues and questions.

We would appreciate your making this request part of the formal record and making appropriate changes to the minutes and action item #8. .

Thank you,

Warren Halverson
Technical Advisory Representative

Email comment 2

From: Don Marsh [mailto:don.m.marsh@hotmail.com]
Sent: Saturday, March 02, 2019 8:39 AM
To: IRP -- mail --; Netik, Irena; Popoff, Phillip
Cc: Diane Adams (dadams@enviroissues.com); Doug Howell; Kvam, Michele; Johnson, Ken; Odell, Nina; Popoff, Phillip; Gafken, Lisa (ATG); Suetake, Nina (ATG); carlac; Nightingale, David (UTC); Cebulko, Bradley (UTC); Scanlan, Kathi (UTC); Joni Bosh; Amanda Jahshan; Kelly Hall; Wendy Gerlitz; Brian Grunkemeyer; Jesse Piedfort; T. Gould; Kevin Jones; Virginia Lohr; Rob Briggs; Mary Paynter; Dan Streiffert; Rich Voget; peter orth; Alec Connon; Ron Snell; Steven Hofer; Vicki Grayland; Nancy Shimeall; Alex Ramel; Neal Anderson; Jane Lindley; Elyette Weinstein; Willard Westre; Court Olson; Brombaugh, Rachel; Kim Danke; David Morton; Howard Harrison; David Perk; Lynn Fitz-Hugh; Bonnie Shipman; Bill Moyer; Claudia Riedener; Phyllis Farrell; Gary Piazzon; Anne Miller; Linda Hagedorn; Judith Akins; LeeAnne Beres; Carol Mangan; jasca10@yahoo.com; deansmith4@me.com; jamie.s.margolin@gmail.com; kurtis.dengler@gmail.com; eddyssunprincess
Subject: RE: Update to PSE's 2019 IRP public meeting schedule and filing date

Dear Irena and Phillip,

Thank you for the updated TAG meeting schedule.

We must strongly question the rationale for delaying the TAG meeting to answer the UTC's questions about Energize Eastside until August, after public hearings on PSE's permit applications have been held and the legal record for the project has been set in stone.

The Commission posed its questions about Energize Eastside in its response to PSE's 2017 IRP, dated May 7, 2018

(<https://www.utc.wa.gov/layouts/15/CasesPublicWebsite/GetDocument.ashx?docID=1743&year=2016&docketNumber=160918>, page 10). By delaying the TAG meeting until August 6, 2019, PSE will have allowed 15 months to pass without a response to the UTC or the public addressing the substance of these questions. This decision increases the risk of the Commission questioning the prudence of this project if it comes to the Commission in a subsequent rate case hearing. Do PSE's owners (including the newest ones) understand that PSE is putting hundreds of millions of dollars at risk by proceeding with an expensive and possibly unnecessary project under a cloud of unanswered questions?

We had hoped to discuss alternative solutions that would be less expensive, better for the environment, and easier to construct. For example, in the Energize Eastside DEIS, an alternative is described that would place 20 MW natural gas powered generators in 20 Eastside substations. This alternative was rejected for the sole reason that the generators would be too noisy to operate in residential areas.

Fortunately, the steady march of technology has made other options feasible. It is now possible to install a very quiet 20 MW / 80 MWh battery in each of these substations for a reasonable cost. The form factor of these batteries is roughly the size of two shipping containers, which can easily fit in most of the Eastside substations we have surveyed. The cost of this solution would be roughly equivalent to the cost of Energize Eastside, but it offers additional flexibility to respond to a wider set of outage scenarios on the distribution grid. Besides improved reliability and resiliency, these batteries could also be used to increase the percentage of renewable electricity in the Eastside's power mix, with corresponding environmental benefits. Furthermore, the public would be more comfortable if PSE can avoid digging big holes for new transmission towers uncomfortably close to the 50-year-old Olympic pipelines located in a narrow utility corridor that passes through dozens of Eastside neighborhoods.

Ratepayers and the impacted communities would appreciate the opportunity to discuss these ideas prior to the public hearings for Energize Eastside. Scheduling the TAG meeting in the middle of our summer vacation, when most people would be least likely to attend, looks like a cynical strategy on PSE's part. PSE can restore our shaken confidence in the process by requesting a delay in the public hearings until the TAG and Commission staff can understand the technical justification for the project.

Please reschedule the TAG meeting and/or the public hearings for the Energize Eastside project.

Sincerely,

Don Marsh

Appendix 3

Comment of TAG member concerning (now rescheduled) March 18 IRPAG meeting

Email comment 1

From: Kevin Jones [mailto:kevinjonvash@gmail.com]

Sent: Thursday, February 07, 2019 11:09 PM

To: Doug Howell

Cc: Netik, Irena; Kvam, Michele; Johnson, Ken; Odell, Nina; Popoff, Phillip; Gafken, Lisa (ATG); Suetake, Nina (ATG); carlac; Nightingale, David (UTC); Cebulko, Bradley (UTC); Scanlan, Kathi (UTC); Joni Bosh; Amanda Jahshan; Kelly Hall; Wendy Gerlitz; Brian Grunkemeyer; Jesse Piedfort; T. Gould; Virginia Lohr; Rob Briggs; Mary Paynter; Dan Streiffert; Rich Voget; peter orth; Alec Connon; Ron Snell; Steven Hofer; Vicki Grayland; Nancy Shimeall; Alex Ramel; Neal Anderson; Jane Lindley; Elyette Weinstein; Willard Westre; Court Olson; Brombaugh, Rachel; Kim Danke; David Morton; Howard Harrison; Don Marsh; David Perk; Lynn Fitz-Hugh; Bonnie Shipman; Bill Moyer; Claudia Riedener; Phyllis Farrell; Gary Piazzone; Anne Miller; Linda Hagedorn; Judith Akins; LeeAnne Beres; Carol Mangan; jasca10@yahoo.com; deansmith4@me.com; jamie.s.margolin@gmail.com; kurtis.dengler@gmail.com; eddyssunprincess

Subject: Submitted PSE TAG action item

Hi Irena and Michele,

The action item which we discussed at the TAG meeting today, which I recall you accepted, is:

PSE to hold the agreed upon listening session with PSE VP David Mills on March 18, as currently planned, or provide rationale to the TAG stating the rationale for a reschedule.

Thanks for the opportunity to discuss the importance and schedule criticality of this meeting.

Kevin Jones

Vashon Climate Action Group

Email comment 2

On Wed, Feb 6, 2019, 08:40 Doug Howell <doug.howell@sierraclub.org> wrote:

Hi Irena and Michelle. I am including Ken Johnson and Nina Odell in this email because I recommend they attend tomorrow's Advisory Group meeting on the Integrated Resource Plan (IRP). Hi Ken and Nina.

As communicated in your email on Friday, February 1, you informed us that PSE is petitioning for delay in this IRP due to the expected passage of legislation that will change the IRP.

I am confident members of the IRPAG would like to better understand the implication of the 100% clean electricity legislation (SB 5116 / HB 1211) for the IRP process, and would appreciate the opportunity to express their thoughts about the legislation in relation to Puget's IRP.

As you may recall, many groups across your service territory wrote two letters to PSE at the beginning of this IRP process. These letters are attached. In these letters, we called upon PSE to provide a blueprint for a carbon-free electricity future. Now SB 5116 / HB 1211 can deliver on that promise. We need to know how PSE is going to influence this legislation.

I strongly recommend adding time to the agenda tomorrow to accomplish the following goals:

1. PSE explains potential outcomes for PSE's system and planning if the legislation is to pass
2. PSE's makes clear its position on critical issues on this legislation including the clean energy benchmarks for 2030 and 2045, and potential amendments related to cost caps and reliability that could undermine these essential benchmarks.
3. Provide an opportunity for members of the IRPAG to share their thoughts on the legislation in relation to PSE.

We are at a cross roads. There is strong demand from your customers for a clean energy future. You are already providing this carbon-free pathway for iconic business customers such as Boeing, Microsoft and Starbucks. Now we need to know PSE's position on this landmark legislation that will ensure clean energy for the rest of your customers.

If you are delaying the IRP because of legislation, and this legislation can provide what groups have been asking PSE to deliver since last May, then it is fair and appropriate to make sure your stakeholders know the details of your position on this legislation

Thank you. We look forward to seeing you tomorrow.

Doug Howell
Sr. Campaign Representative
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