



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT PROGRAM

March 10, 2015

In reply refer to: FOIA #BPA-2013-01284-F

Jesse Cowell, Attorney  
Davison Van Cleve, PC  
333 SW Taylor Street, Suite 400  
Portland, OR 97204

Dear Mr. Cowell:

This is a partial response to your request for Bonneville Power Administration (BPA) records under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. BPA received the request on July 10, 2013, and sent you an acknowledgement letter on July 16, 2013.

In a letter dated December 30, 2013, we explained the unusual circumstances involved in your request. The current estimated date for a final response is August 31, 2015.

### **You originally requested:**

**“[A]ll emails, correspondence, information concerning, memoranda and other documents written to or from [BPA] . . . regarding [PGE’s] proposed Cascades Crossing Transmission Project, including:**

1. The January 25, 2011 Memorandum of Understanding ("MOU") between BPA and PGE . . . ;
2. The December 22, 2011 Terms and Conditions for Joint Agreement ("Agreement") between BPA and PGE . . . including . . . "Action" items listed under each enumerated "Issue" in Attachment 1 to the Agreement;
3. The January 14, 2013 MOU between BPA and PGE . . . ; and
4. The May 30, 2013 MOU between BPA and PGE contemplating a PGE capacity ownership transmission option with BPA and . . .”

In a July 10, 2013 email you withdrew the additional part of this request for “all emails, correspondence, information concerning, memoranda and other documents written to or from BPA concerning PGE transmission service requests, transmission service agreements, transmission inquires, negotiations and arrangements to or with BPA for electric power transmission, and especially dates when PGE entered transmission queues, dating from 2007 to the present.”

In a September 4, 2013 email you limited the request to records from 2011- present, and finally in a January 29, 2014 email you limited the request further to two individuals: correspondence to and from Lauren Nichols-Kinas and Kyle Kohne.”

**Partial response:**

Pursuant to your request, we conducted a search of the paper and electronic records of BPA employees Lauren Nichols-Kinas and Kyle Kohne. Even with the narrowing of your request, we located nearly 7,000 responsive records.

To date we have reviewed and processed 138 pages of the responsive records. We are releasing 130 pages in full and releasing eight pages with redactions under Exemption (b)6 of the FOIA.

The Freedom of Information Act generally requires the release of all government records upon request. However, FOIA permits withholding certain, limited information that falls under one or more of nine statutory exemptions (5 U.S.C. §§ 552(b)(1-9)).

Exemption 6 protects information in “personnel and medical files and similar files” when the disclosure of such information “would constitute a clearly unwarranted invasion of personal privacy” (5 U.S.C. § 552(b)(6)). Exemption 6 requires balancing the public interest in the information against the individual privacy interest at issue. Here, we assert this exemption to redact personal email addresses and phone numbers, as well as personal cell phone numbers. We find no public interest in this information and therefore redact it under Exemption 6.

Information that falls under Exemption 6 cannot be discretionarily released; the right of privacy belongs to the individual, not to the agency. Therefore, we did not analyze this information under the discretionary release guidelines in Attorney General Holder’s March 19, 2009, FOIA Memorandum.

We will continue to provide partial releases as we complete the review and processing of the remaining documents.

If you have any questions, please contact Kim Winn, FOIA Public Liaison, at 503-230-5273.

Sincerely,



C. M. Frost  
Freedom of Information Act Officer

Enclosure: Responsive documents

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/10/2012 6:00:25 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** CCTP Tomorrow

Lauren,

I was planning to go to the PGE meeting tomorrow morning. I live up north so it would be nice to be able to call in, but sounds like I need to be there in person this time. It should be ok for you to call in.

-Anders

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**Meeting Title:** Briefing on Cascade Crossing Capacity Discussions  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 7/11/2013 10:20:04 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Foeller,Meri L (BPA) - KSB-6" <mlfoeller@bpa.gov>; "Olsen,Carol A  
(BPA) - KSC-TPP-1" <caolsen@bpa.gov>; "Green,Laura E (BPA) - KSB-  
MODD" <legreen@bpa.gov>  
**Location:** TBD  
**Start Time:** 8/2/2013 8:00:00 PM +00:00  
**End Time:** 8/2/2013 9:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 8/2/2013 8:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Foeller,Meri L (BPA) - KSB-6;  
Olsen,Carol A (BPA) - KSC-TPP-1; Green,Laura E (BPA) - KSB-MODD

When: Friday, August 02, 2013 1:00 PM-2:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TBD

Note: The GMT offset above does not reflect daylight saving time adjustments.

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**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 7/11/2013 8:57:01 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** MOA meeting

Lauren do you still want to meet to talk about how the MOA might be related to capacity ownership?  
We have something scheduled next week. I thought we might be on a different path now so I thought I would check.

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**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/27/2013 12:22:25 AM +00:00  
**To:** Jackie Bailey <Jackie.Bailey@pgn.com>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>  
**Subject:** FW: Location for Friday's FERC Meeting

Hi Jackie,

I just heard from Ryan that we was talking with some PGE folks who thought Friday's meeting was going to be at One World Trade Center so I wanted to check that the info below is correct.

Thanks!

**From:** Garrett,Paul D (BPA) - PSW-6  
**Sent:** Monday, June 24, 2013 8:26 AM  
**To:** Tenney,Lauren E (BPA) - TSP-TPP-2  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** FW: Location for Friday's FERC Meeting

Hi Lauren,

Could you update the invite please? I forwarded your original invite to Brian Fritz, Jared Ellsworth and Dave Angel, so I think you should have gotten a notice about that and they should get the update. If you need their emails thought, let me know.

Thanks!

-Paul

**From:** Jackie Bailey [<mailto:Jackie.Bailey@pgn.com>]  
**Sent:** Monday, June 24, 2013 8:23 AM  
**To:** John Sullivan; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Cc:** Garrett,Paul D (BPA) - PSW-6  
**Subject:** Location for Friday's FERC Meeting

Hello Lauren,

I have reserved the Legal A Conference Room, on the 13<sup>th</sup> Floor of 2WTC for Friday, June 28<sup>th</sup> from 11:00-12:00.

**Directions:**

Legal A is located in the Two World Trade Center, 121 SW Salmon Street (intersection of SW 2nd and SW Salmon). Take the escalator on the Second Ave. entrance, go through the glass doors, past the 1WTC Security desk to the elevator banks. Punch in "13", the elevator doors will open and take you to the 13th floor. If you have any difficulties, please ask the Security Desk for assistance.

Please let me know if you need anything else,

Thank you,

Jackie

**From:** John Sullivan

**Sent:** Monday, June 24, 2013 7:57 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Jackie Bailey  
**Cc:** Garrett,Paul D (BPA) - PSW-6  
**Subject:** RE: One other follow-up

Jackie can you help with the room and directions?

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2 [<mailto:lnichols@bpa.gov>]  
**Sent:** Friday, June 21, 2013 4:46 PM  
**To:** John Sullivan  
**Cc:** Garrett,Paul D (BPA) - PSW-6  
**Subject:** One other follow-up

John- you had offered to have the BPA-PGE-ID-PAC meeting at PGE. Can you confirm that for us? If so, directions, room number etc might be useful to pass on to all parties.

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**Meeting Title:** HOLD - Recurring Mo Cascade Crossing Sponsor Meeting  
**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 6/26/2013 8:50:26 PM +00:00  
**To:** "Juj, Hardev S (BPA) - TP-DITT-2" <hsjuj@bpa.gov>; "Andrews, Claudia R (BPA) - F-2" <crandrews@bpa.gov>; "Leathley, Kimberly A (BPA) - TS-DITT-2-A" <kaleathley@bpa.gov>; "Thomas, Randi R (BPA) - TO-DITT2" <rrthomas@bpa.gov>; "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** TBD  
**Start Time:** 8/21/2013 8:00:00 PM +00:00  
**End Time:** 8/21/2013 9:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 8/21/2013 8:00:00 PM +00:00  
**Is Recurring:** true  
**Recurrence Type:** 3  
**Recurrence Pattern:** the third Wednesday of every 1 month from 1:00 PM to 2:00 PM  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Juj, Hardev S (BPA) - TP-DITT-2; Andrews, Claudia R (BPA) - F-2; Leathley, Kimberly A (BPA) - TS-DITT-2-A; Thomas, Randi R (BPA) - TO-DITT2; Nichols-Kinas, Lauren (BPA) - TSP-TPP-2

When: Occurs the third Wednesday of every 1 month effective 8/21/2013 until 12/31/2014 from 1:00 PM to 2:00 PM (GMT-08:00) Pacific Time (US & Canada).

Where: TBD

Note: The GMT offset above does not reflect daylight saving time adjustments.

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Kirstin will update this recurring invite from Lauren's calendar with location and phone bridge.

Randi is optional

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**Meeting Title:** HOLD - Cascade Crossing Sponsor Meeting  
**From:** "Brookshire,Sherry S (BPA) - T-DITT2"  
**Sent:** 6/26/2013 8:46:33 PM +00:00  
**To:** "Juj,Hardev S (BPA) - TP-DITT-2" <hsjuj@bpa.gov>; "Andrews,Claudia R (BPA) - F-2" <crandrews@bpa.gov>; "Leathley,Kimberly A (BPA) - TS-DITT-2-A" <kaleathley@bpa.gov>; "Thomas,Randi R (BPA) - TO-DITT2" <rrrthomas@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** TBD  
**Start Time:** 7/25/2013 8:00:00 PM +00:00  
**End Time:** 7/25/2013 9:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 7/25/2013 8:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Juj,Hardev S (BPA) - TP-DITT-2; Andrews,Claudia R (BPA) - F-2; Leathley,Kimberly A (BPA) - TS-DITT-2-A; Thomas,Randi R (BPA) - TO-DITT2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2

When: Thursday, July 25, 2013 1:00 PM-2:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TBD

Note: The GMT offset above does not reflect daylight saving time adjustments.

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Kirstin will be sending an updated invite from Lauren's calendar. (Randi is optional)

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**From:** "Arison, Sarah K (BPA) - TSP-TPP-2"  
**Sent:** 6/25/2013 11:01:38 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Johnson, Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>  
**Subject:** PGE Update

Hi -

Can one of you please provide me an update of where we are with regard to our PGE discussions re: Redispatch, DG and anything else Non Wires? Any more information on the potential range of MW and timing of when such MW would be available?

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**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/25/2013 8:11:03 PM +00:00  
**To:** "Roberts,Timothy C (BPA) - PGL-5" <tcroberts@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Josephson,Ryan D (BPA) - DBC-3" <rdjosephson@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Gaube,Stephen J (BPA) - FTC-2"  
<sjgaube@bpa.gov>; "Johnson,Anders L (BPA) - TPL-OPP-2"  
<aljohnson@bpa.gov>; "Christen,Camille A (BPA) - LT-7"  
<cachristen@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2"  
<cahardin@bpa.gov>; "Sigurdson,Ryan M (BPA) - LT-7"  
<rmsigurdson@bpa.gov>; "Pearson,Terrin L (CONTR) - TSPP-TPP-2"  
<tlpearson@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3"  
<krkohne@bpa.gov>; "HQ 512PR(15)" <RM512@BPASite1.bpa.gov>  
**Subject:** Possible Relationship between Slice and T Capacity Ownership

Sorry working on getting bridge set up hope to be fixed shortly





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**Meeting Title:** Cascade/SILS Touch Base  
**From:** "Villarreal,Jennifer L (CONTR) - PSS-6"  
**Sent:** 6/18/2013 8:06:42 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Salazar,Tracey L (BPA) - TSPP-TPP-2" <tlsalazar@bpa.gov>  
**Location:** Conf. Call 503-230-5366, passcode 2255#  
**Start Time:** 6/18/2013 9:00:00 PM +00:00  
**End Time:** 6/18/2013 9:30:00 PM +00:00  
**Duration:** 30 minutes  
**Reminder Time:** 6/18/2013 9:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Salazar,Tracey L (BPA) -  
TSPP-TPP-2

Updated 6/18 – Added phone bridge information:

To access this conference bridge all callers must dial 503-230-5366, passcode 2255#.

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**Meeting Title:** Discussing EIM and capacity ownership  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/18/2013 6:02:21 PM +00:00  
**To:** "Symonds,Mark C (BPA) - SR-7" <mcsymonds@bpa.gov>;  
"Dibble,Rachel L (BPA) - SR-7" <rdibble@bpa.gov>; "Arison,Sarah K  
(BPA) - TSP-TPP-2" <skbermejo@bpa.gov>; "Kochheiser,Todd W (BPA)  
- TOK-DITT-2" <twkochheiser@bpa.gov>; "Nichols-Kinas,Lauren (BPA) -  
TSP-TPP-2" <lnichols@bpa.gov>; "Johnson,Anders L (BPA) - TPL-OPP-  
2" <aljohnson@bpa.gov>; "Christen,Camille A (BPA) - LT-7"  
<cachristen@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2"  
<dcbleiler@bpa.gov>; "Salazar,Tracey L (BPA) - TSP-TPP-2"  
<tlsalazar@bpa.gov>  
**CC:** "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>;  
"Gaube,Stephen J (BPA) - FTC-2" <sjgaube@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Josephson,Ryan D (BPA) - DBC-3"  
<rdjosephson@bpa.gov>  
**Location:** HQ 792PR(17) Bridge x8001 p/c 6294#  
**Start Time:** 6/19/2013 5:00:00 PM +00:00  
**End Time:** 6/19/2013 6:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 6/19/2013 5:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Symonds,Mark C (BPA) - SR-7; Dibble,Rachel L (BPA) - SR-7;  
Arison,Sarah K (BPA) - TSP-TPP-2; Kochheiser,Todd W (BPA) - TOK-  
DITT-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Johnson,Anders L  
(BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3;  
Christen,Camille A (BPA) - LT-7; Bleiler,Damen C (BPA) - FTT-2;  
Gaube,Stephen J (BPA) - FTC-2; Fredrickson,Rebecca E (BPA) - TSPQ-  
TPP-2; Josephson,Ryan D (BPA) - DBC-3; Salazar,Tracey L (BPA) -  
TSP-TPP-2; HQ 780(10); HQ 792PR(17); HQ 796VP(16); HQ 321  
VP(15)

When: Wednesday, June 19, 2013 10:00 AM-11:00 AM (GMT-08:00) Pacific Time (US & Canada).

Where: HQ 792PR(17) Bridge x8001 p/c 6294#

Note: The GMT offset above does not reflect daylight saving time adjustments.

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**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 6/17/2013 4:52:23 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>  
**Subject:** CCTP meeting Tuesday morning

I just wanted to double check that we are having the meeting with PGE tomorrow morning. I ask because Nancy scheduled an update with myself and Steve at 9:30 for some reason. I'm going to reschedule that if we are meeting. Thanks.

Damen

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**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 6/17/2013 4:32:02 PM +00:00  
**To:** "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>; "Nichols-  
Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Tenney,Lauren  
E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Johnson,Anders L (BPA) -  
TPL-OPP-2" <aljohnson@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-  
3" <krkohne@bpa.gov>; "Josephson,Ryan D (BPA) - DBC-3"  
<rdjosephson@bpa.gov>  
**Subject:** Oregonian article

All,

I think the article at the link below appeared in the Oregonian yesterday, so you may have already seen it, but I wanted to send it along in case you hadn't. It discusses PGE's RFP process and the results of the RFPs. It doesn't really mention BPA or the CCTP discussions in much detail, but is interesting.

<http://s.oregonlive.com/8mQFamZ>

**Camille Christen**

Office of General Counsel  
Bonneville Power Administration  
P.O. Box 3621, LT-7  
Portland, OR 97208-3621  
Phone: 503-230-4329  
Fax: 503-230-7405  
Email: cachristen@bpa.gov

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**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 6/13/2013 7:19:14 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE Transmission Service Requests

My proposed response:

While they are not looking for transmission service, they would still need it to correspond with the capacity they would obtain through a bilateral agreement or other method. For instance, if we made a deal that resulted in PGE acquiring 150 MW of capacity on our network, PGE would still have to have corresponding TSRs in our queue to ensure it would have the transmission service rights necessary to deliver energy with that capacity. That way we do not violate queue order and those requests currently in the queue are not disadvantaged or jumped, which is prohibited.

Is that close? I'll shoot him a response today once you've fixed. Thanks!

**Doug Johnson**  
Bonneville Power Administration  
503-230-5840

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**From:** Sickinger, Ted [mailto:tsickinger@oregonian.com]  
**Sent:** Monday, June 10, 2013 5:22 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** RE: PGE Transmission Service Requests

They're not looking for transmission service. They say they're going to own this asset. Is that BPA's understanding as well? I'm not sure what processes "above" you're referring to. To get in the queue for interconnection or transmission implies they're going about this like every other customer. My sense was this was more of a bilateral business deal where you would be exchanging assets, building some stuff together and PGE would be buying long term rights.

Ted Sickinger

1320 SW Broadway, Portland, OR 97201

Office: 503-221-8505

Fax: 503-294-4079

[tsickinger@oregonian.com](mailto:tsickinger@oregonian.com)

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**From:** Johnson,G Douglas (BPA) - DKPM-7 [gdjohnson@bpa.gov]

**Sent:** Monday, June 10, 2013 7:50 PM

**To:** Sickinger, Ted

**Subject:** RE: PGE Transmission Service Requests

Sorry--I totally missed this e-mail. We went ahead and put together the responses below. Give me a call if you need anything else.

This raises a few questions immediately. Does BPA know whether any of these requests correspond to the MOU, or their plans to move 440 megawatts from Carty into the metro area starting in 2016? That would be from Slatt, so obviously a lot of the requests are potentially germane.

BPA recommends asking this question directly to PGE rather than us speculating on what PGE's specific plans are for each of their TSRS in the queue.

Would they file an interconnection request this far in advance?

It is not uncommon for utilities and IPPs to make interconnection requests well in advance of the date on which they intend to interconnect new generation. The interconnection process can be lengthy.

Given that they're looking to buy transmission right from BPA, do they need to get into the queue, or are they counting on owning this?

Any potential PGE acquisition of BPA transmission service will be done in queue order. It is important to remember that an entity can obtain a queue position in two ways: by submitting a new service request directly into BPA's queue or by acquiring service via transfer of an existing transmission service request originally made by another entity (consistent with tariff rights available under the OATT).

How does BPA, after complaining about the congestion being caused by the wind boom, have up to 1,500 MW of spare capacity to sell to PGE? I realize there are some upgrades involved a potentially a new substation, but that's a huge chunk of capacity.

It is important to remember that most of our concerns related to wind had to do with hydrosystem flexibility and the provision of reserves--not transmission congestion. The wind boom led to our development of three 500-kV transmission projects: McNary-John Day, Big Eddy-Knight and Central Ferry-Lower Monumental. We recently completed an 18-month process where we allowed customers to modify or terminate existing agreements for transmission service related to these projects. That process caused some capacity to become available. As you can see in the current [MOU](#) any one of the potential actions or combination of them could be necessary to create capacity PGE envisions needing over the next decade. There is not 1,500 megawatts sitting latent on the BPA system PGE expects to get over the next 10 years or so. There may be existing capacity PGE could obtain through the measures and options listed above--then work to do to figure out the best options moving forward to create the rest.

Doug Johnson  
Bonneville Power Administration  
503-230-5840

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**om:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 6/12/2013 12:55:32 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE Transmission Service Requests

Lauren,

See below. Do you have some time tomorrow we can call Ted?

**Doug Johnson**  
Bonneville Power Administration  
503-230-5840

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**From:** Johnson,G Douglas (BPA) - DKPM-7  
**Sent:** Monday, June 10, 2013 6:13 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Christen,Camille A (BPA) - LT-7  
**Subject:** Fw: PGE Transmission Service Requests

See below. I was under the impression by asset we meant transmission service. He's not getting that any service associated with the agreement must have a corresponding queue request-bilateral or not. Think we're gonna have to talk to him tomorrow. Lauren-you got any time in the morning?

**From:** Sickinger, Ted [mailto:tsickinger@oregonian.com]  
**Sent:** Monday, June 10, 2013 05:21 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** RE: PGE Transmission Service Requests

They're not looking for transmission service. They say they're going to own this asset. Is that BPA's understanding as well? I'm not sure what processes "above" you're referring to. To get in the queue for interconnection or transmission implies they're going about this like every other customer. My sense was

this was more of a bilateral business deal where you would be exchanging assets, building some stuff together and PGE would be buying long term rights.

Ted Sickinger

1320 SW Broadway, Portland, OR 97201

Office: 503-221-8505

Fax: 503-294-4079

[tsickinger@oregonian.com](mailto:tsickinger@oregonian.com)

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**From:** Johnson,G Douglas (BPA) - DKPM-7 [gdjohnson@bpa.gov]

**Sent:** Monday, June 10, 2013 7:50 PM

**To:** Sickinger, Ted

**Subject:** RE: PGE Transmission Service Requests

Sorry--I totally missed this e-mail. We went ahead and put together the responses below. Give me a call if you need anything else.

This raises a few questions immediately. Does BPA know whether any of these requests correspond to the MOU, or their plans to move 440 megawatts from Carty into the metro area starting in 2016? That would be from Slatt, so obviously a lot of the requests are potentially germane.

BPA recommends asking this question directly to PGE rather than us speculating on what PGE's specific plans are for each of their TSRS in the queue.

Would they file an interconnection request this far in advance?

It is not uncommon for utilities and IPPs to make interconnection requests well in advance of the date on which they intend to interconnect new generation. The interconnection process can be lengthy.

Given that they're looking to buy transmission right from BPA, do they need to get into the queue, or are they counting on owning this?

Any potential PGE acquisition of BPA transmission service will be done in queue order. It is important to remember that an entity can obtain a queue position in two ways: by submitting a new service request directly into BPA's queue or by acquiring service via transfer of an existing transmission service request originally made by another entity (consistent with tariff rights available under the OATT).

How does BPA, after complaining about the congestion being caused by the wind boom, have up to 1,500 MW of spare capacity to sell to PGE? I realize there are some upgrades involved a potentially a new substation, but that's a huge chunk of capacity.

It is important to remember that most of our concerns related to wind had to do with hydrosystem flexibility and the provision of reserves--not transmission congestion. The wind boom led to our development of three 500-kV transmission projects: McNary-John Day, Big Eddy-Knight and Central Ferry-Lower Monumental. We recently completed an 18-month process where we allowed customers to modify or terminate existing agreements for transmission service related to these projects. That process caused some capacity to become available. As you can see in the current [MOU](#) any one of the potential actions or combination of them could be necessary to create capacity PGE envisions needing over the next decade. There is not 1,500 megawatts sitting latent on the BPA system PGE expects to get over the next 10 years or so. There may be existing capacity PGE could obtain through the measures and options listed above--then work to do to figure out the best options moving forward to create the rest.

**Doug Johnson**  
Bonneville Power Administration  
503-230-5840

---

**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 6/11/2013 1:13:24 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** Fw: PGE Transmission Service Requests

See below. I was under the impression by asset we meant transmission service. He's not getting that any service associated with the agreement must have a corresponding queue request-bilateral or not. Think we're gonna have to talk to him tomorrow. Lauren-you got any time in the morning?

**From:** Sickinger, Ted [mailto:tsickinger@oregonian.com]  
**Sent:** Monday, June 10, 2013 05:21 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** RE: PGE Transmission Service Requests

They're not looking for transmission service. They say they're going to own this asset. Is that BPA's understanding as well? I'm not sure what processes "above" you're referring to. To get in the queue for interconnection or transmission implies they're going about this like every other customer. My sense was this was more of a bilateral business deal where you would be exchanging assets, building some stuff together and PGE would be buying long term rights.

Ted Sickinger

1320 SW Broadway, Portland, OR 97201

Office: 503-221-8505

Fax: 503-294-4079

[tsickinger@oregonian.com](mailto:tsickinger@oregonian.com)

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**From:** Johnson,G Douglas (BPA) - DKPM-7 [gdjohnson@bpa.gov]  
**Sent:** Monday, June 10, 2013 7:50 PM  
**To:** Sickinger, Ted  
**Subject:** RE: PGE Transmission Service Requests

Sorry--I totally missed this e-mail. We went ahead and put together the responses below. Give me a call if you need anything else.

This raises a few questions immediately. Does BPA know whether any of these requests correspond to the MOU, or their plans to move 440 megawatts from Carty into the metro area starting in 2016? That would be from Slatt, so obviously a lot of the requests are potentially germane.

BPA recommends asking this question directly to PGE rather than us speculating on what PGE's specific plans are for each of their TSRS in the queue.

Would they file an interconnection request this far in advance?

It is not uncommon for utilities and IPPs to make interconnection requests well in advance of the date on which they intend to interconnect new generation. The interconnection process can be lengthy.

Given that they're looking to buy transmission right from BPA, do they need to get into the queue, or are they counting on owning this?

Any potential PGE acquisition of BPA transmission service will be done in queue order. It is important to remember that an entity can obtain a queue position in two ways: by submitting a new service request directly into BPA's queue or by acquiring service via transfer of an existing transmission service request originally made by another entity (consistent with tariff rights available under the OATT).

How does BPA, after complaining about the congestion being caused by the wind boom, have up to 1,500 MW of spare capacity to sell to PGE? I realize there are some upgrades involved a potentially a new substation, but that's a huge chunk of capacity.

It is important to remember that most of our concerns related to wind had to do with hydrosystem flexibility and the provision of reserves--not transmission congestion. The wind boom led to our development of three 500-kV transmission projects: McNary-John Day, Big Eddy-Knight and Central Ferry-Lower Monumental. We recently completed an 18-month process where we allowed customers to modify or terminate existing agreements for transmission service related to these projects. That

process caused some capacity to become available. As you can see in the current [MOU](#) any one of the potential actions or combination of them could be necessary to create capacity PGE envisions needing over the next decade. There is not 1,500 megawatts sitting latent on the BPA system PGE expects to get over the next 10 years or so. There may be existing capacity PGE could obtain through the measures and options listed above--then work to do to figure out the best options moving forward to create the rest.

Doug Johnson  
Bonneville Power Administration  
503-230-5840

---

**Meeting Title:** Brainstorm on capacity ownership and GI credits  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/10/2013 9:46:22 PM +00:00  
**To:** "DeClerck,Angela (BPA) - TSE-TPP-2" <ardeclerck@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Linn,Michael R (BPA) - TSPQ-TPP-2" <mrlinn@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Christen,Camille A (BPA) - LT-7"  
<cachristen@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2"  
<cahardin@bpa.gov>  
**Location:** TPP 293(8) Bridge x.8001 p/c 6294  
**Start Time:** 6/13/2013 8:30:00 PM +00:00  
**End Time:** 6/13/2013 9:00:00 PM +00:00  
**Duration:** 30 minutes  
**Reminder Time:** 6/13/2013 8:30:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** DeClerck,Angela (BPA) - TSE-TPP-2; Nichols-Kinas,Lauren (BPA) -  
TSP-TPP-2; Linn,Michael R (BPA) - TSPQ-TPP-2; Fredrickson,Rebecca  
E (BPA) - TSPQ-TPP-2; Christen,Camille A (BPA) - LT-7; Hardin,Craig A  
(BPA) - TSE-TPP-2; TPP 200(25); TPP 214PR(30); TPP 228(24); TPP  
293(8)

When: Thursday, June 13, 2013 1:30 PM-2:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TPP 293(8) Bridge x.8001 p/c 6294

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

If a customer existing GI credits and is seeking capacity ownership how could that work? Lets brainstorm...

---

**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 6/8/2013 1:14:01 AM +00:00  
**To:** 'patty@farrellstrategies.com'; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE Transmission Service Requests

Let's talk as early as possible Monday about responses to these questions.

**From:** Sickinger, Ted [mailto:tsickinger@oregonian.com]  
**Sent:** Friday, June 07, 2013 05:55 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** RE: PGE Transmission Service Requests

Thanks Doug,

This raises a few questions immediately. Does BPA know whether any of these requests correspond to the MOU, or their plans to move 440 megawatts from Carty into the metro area starting in 2016? That would be from Slatt, so obviously a lot of the requests are potentially germane.

Would they file an interconnection request this far in advance?

Given that they're looking to buy transmission right from BPA, do they need to get into the queue, or are they counting on owning this?

How does BPA, after complaining about the congestion being caused by the wind boom, have up to 1,500 MW of spare capacity to sell to PGE? I realize there are some upgrades involved a potentially a new substation, but that's a huge chunk of capacity.

Thanks  
Ted

Ted Sickinger

1320 SW Broadway, Portland, OR 97201

Office: 503-221-8505

Fax: 503-294-4079

[tsickinger@oregonian.com](mailto:tsickinger@oregonian.com)

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**From:** Johnson,G Douglas (BPA) - DKPM-7 [gdjohnson@bpa.gov]

**Sent:** Friday, June 07, 2013 2:37 PM

**To:** Sickinger, Ted

**Subject:** PGE Transmission Service Requests

Ted,

Below you'll find two Excel spreadsheets. The one named PGEM Queued Jan 2010 Requests shows all of PGE's activity since Jan 1, 2010. The status of each request is also listed (Confirmed, Declined, Withdrawn, etc.) The second named PGE TSRs 6-7-13 shows all requests currently in the queue. This was all extracted from our OASIS site. Please call me if you have questions.

Doug Johnson

Bonneville Power Administration

503-230-5840

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**From:** "Singleton,Kristin M (CONTR) - TSP-TPP-2"  
**Sent:** 6/4/2013 2:07:27 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: Briefing with Elliot

See below for times to brief Elliot on CCTP... Let me know your preference.

---

**From:** Boardman,Sandy (BPA) - A-7  
**Sent:** Monday, June 03, 2013 4:24 PM  
**To:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Subject:** RE: Briefing with Elliot

Hi Kristin,

Finally getting back. There is no time soon to have this meeting. So if the issue has passed and/or it's a moot point, then disregard this e-mail

Elliot could meet on June 27<sup>th</sup> from 8:00-9:00 or July 1<sup>st</sup> between 1:00-5:00.

If those times work, please send a meeting request.

Thanks.

*Sandy Boardman*  
*Executive Offices*  
*Bonneville Power Administration*  
*U.S. Department of Energy*  
503.230.5102  
*sxboardman@bpa.gov*

---

**From:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Sent:** Tuesday, May 14, 2013 9:30 AM  
**To:** Boardman,Sandy (BPA) - A-7  
**Subject:** Briefing with Elliot

Hi Sandy,

Lauren Nichols Kinas informed me that Elliot requested a briefing on CCTP soon. (Hahaha!) I took a look at his calendar, and am not finding anything soon :) Do you schedule for him? Would you like to check with him to see how urgent the briefing is, and give me a couple options? Thanks...

Do you prefer email or a phone call on scheduling questions? Feel like I've been bugging you a LOT lately. Sorry :)

*Kristin Singleton*  
Office Manager  
Transmission , Policy & Strategy  
TSP-TPP-2  
☎ 360-619-6708  
CRGT



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**From:** "Whalen,Michelle E (BPA) - DKE-7"

**Sent:** 6/3/2013 10:44:13 PM +00:00

**To:** "Grimm,Lydia T (BPA) - KEC-4" <ltgrimm@bpa.gov>; "Berry,Theresa M (BPA) - TEP-TPP-3" <tmberry@bpa.gov>; "Eaton,Tish K (BPA) - KEC-4" <tkeaton@bpa.gov>; "Schmidt,Sunshine R (BPA) - KEC-4" <srclark@bpa.gov>; "Hairston,Jason L (BPA) - DKT-7" <jlhairston1@bpa.gov>; "Cobell,Gerald L (BPA) - DKT-7" <glcobell@bpa.gov>; "Shank,Bob (BPA) - DKT-SPOKANE" <rlishank@bpa.gov>

**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Moreland,Molly R (BPA) - DKT-7" <mrmoreland@bpa.gov>; "Helwig,Heidi Y (BPA) - DKE-7" <hyhelwig@bpa.gov>

**Subject:** Please read - Central Ferry Lo-Mo internal talking points attached Fw: PGE announces new Cascade Crossing MOU with BPA and RFP selections

I am forwarding this to you so you have talking points if you have conversations with the three tribes or WA SHPO officer, etc. Please call Doug Johnson if you have questions on the outreach plan. I am in travel status and limited to Blackberry. Please note that we will prepare a large communication plan and roll-out as we get closer to announcing construction. I'll be in touch. Thank you.

**From:** Public Affairs  
**Sent:** Monday, June 03, 2013 03:20 PM  
**To:** ADL\_DK\_ALL; ADL\_KSC\_ONLY; ADL\_MANAGERS; ADL\_PSE\_ONLY; ADL\_PSS\_ONLY; ADL\_PSSE\_ALL; ADL\_PSW\_ONLY; ADL\_PT\_ONLY; ADL\_PTL\_ONLY; ADL\_PEJB\_ALL; ADL\_S\_ALL; ADL\_TS\_ONLY; ADL\_TSE\_ONLY; Decker,Anita J (BPA) - K-7; Drummond,William K (BPA) - A-7; ADL\_KSB\_ALL; ADL\_PB\_ALL; ADL\_PS\_ALL; Mainzer,Elliot E (BPA) - D-7  
**Cc:** Executive Board Secretaries  
**Subject:** PGE announces new Cascade Crossing MOU with BPA and RFP selections

BPA has executed a non-binding memorandum of understanding to explore and evaluate further modifications to Portland General Electric's proposed Cascade Crossing Transmission project. The most recent change to the originally proposed 215-mile project, could defer the need for the project altogether in the near term.

This latest MOU explores a multi-phase plan to use existing and planned BPA and PGE assets to obtain the transmission capacity necessary to maintain reliability and allow PGE to serve its customers' energy needs without building a new transmission line at this time. In a later phase, BPA and PGE could work together to determine what new infrastructure may be needed and explore its development. The MOU is posted at this [link](#).

PGE also announced it is negotiating an agreement with Puget Sound Energy to acquire Phase 2 of PSE's Lower Snake Wind project. This pending agreement and other customer needs led BPA to decide to move forward with work on the Central Ferry-Lower Monumental 500-kilovolt project. We expect to begin with some pre-construction activities in anticipation of restarting construction in 2014.

**Outreach and response tools:**

Internal talking points: [BPA/PGE MOU](#)

Internal talking points: [Central Ferry-Lower Monumental](#) (reactive only)

[PGE Press Release](#)

**Transmission AEs:** Please share the information about the PGE MOU with your customers as appropriate. Use the Central Ferry-Lower Monumental talking points only to respond to questions if you receive them from customers or stakeholders.

**Tribal AEs, CAEs, DC, EERs: FYI only—outreach and response as appropriate.**

Please refer any media inquiries to Doug Johnson, 503-230-5840, 503-230-5131 or [gdjohnson@bpa.gov](mailto:gdjohnson@bpa.gov).

---

**From:** Tech Forum  
**Sent:** 6/3/2013 10:01:37 PM +00:00  
**To:** Tech Forum <techforum@bpa.gov>  
**Subject:** Cascade Crossing MOU

## **Bonneville Power Administration, Transmission Services**

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**Requested Action:** Information Only

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### **Summary:**

BPA and Portland General Electric Sign Updated Memorandum of Understanding for Cascade Crossing Transmission Project

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### **Subject Description:**

BPA is announcing that it has signed a new non-binding Memorandum of Understanding replacing the previous Memorandum of Understanding of January 14, 2013.

The current Memorandum of Understanding agrees to explore and evaluate a proposed modification to PGE's proposed Cascade Crossing Transmission Project, possibly deferring the need for the project in the near term. PGE and BPA are working together on a multi-phase plan to use existing and planned BPA and PGE assets to create capacity ownership allowing PGE to serve its customers' energy needs without building a new transmission line at this time.

The new Memorandum of Understanding also includes the possibility for BPA and PGE to work together in the later phases to determine what new infrastructure may be needed and explore its development.

As the option is further developed, BPA will conduct a formal stakeholder review process before entering into any binding agreement.

The Memorandum of Understanding can be viewed at the following link:  
<http://transmission.bpa.gov/PlanProj/>

Questions and comments can be submitted to [techforum@bpa.gov](mailto:techforum@bpa.gov) or through your Transmission Account Executive.

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Comments and questions can be submitted to [techforum@bpa.gov](mailto:techforum@bpa.gov) or through a customer's transmission account executive.

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/3/2013 7:59:24 PM +00:00  
**To:** "Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** CCTP Check In Meeting for Two Weeks (or so) out

Hi Kristin,

We need to have a check in with execs and the CCTP team in the next couple weeks. Can you work with Sheri to get something on the calendar with Larry, Claudia, Kim, and the CCTP Team (I think you have the distribution for the team but let me know if you don't). We can meet wherever is convenient for the execs schedules.

Thanks for your help!

---

**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 5/28/2013 10:50:49 PM +00:00  
**To:** "Andrews,Claudia R (BPA) - F-2" <crandrews@bpa.gov>  
**CC:** "Drummond,William K (BPA) - A-7" <wkdrummond@bpa.gov>;  
"Decker,Anita J (BPA) - K-7" <ajdecker@bpa.gov>; "Mainzer,Elliot E  
(BPA) - D-7" <eemainzer@bpa.gov>; "Bekkedahl,Larry N (BPA) -  
T-DITT2" <lnbekkedahl@bpa.gov>; "Leathley,Kimberly A (BPA) -  
TS-DITT-2-A" <kaleathley@bpa.gov>; "Nichols-Kinas,Lauren (BPA) -  
TSP-TPP-2" <lnichols@bpa.gov>; "Egusa,Sean R (CONTR) -  
TSP-TPP-2" <sregusa@bpa.gov>; "Tenney,Lauren E (BPA) -  
TSP-TPP-2" <letenney@bpa.gov>; "Fredrickson,Rebecca E (BPA) -  
TSPQ-TPP-2" <refredrickson@bpa.gov>; "Jensen,Mary K (BPA) - LT-7"  
<mkjensen@bpa.gov>; "Christen,Camille A (BPA) - LT-7"  
<cachristen@bpa.gov>; "Cogswell,Peter (BPA) - DKR-7"  
<ptcogswell@bpa.gov>; "Baskerville,Sonya L (BPA) - DKN-WASH"  
<slbaskerville@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3"  
<krkohne@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2"  
<dcbleiler@bpa.gov>; "Ball,Crystal A (BPA) - DKR-7"  
<caball@bpa.gov>; "Grimm,Lydia T (BPA) - KEC-4"  
<ltgrimm@bpa.gov>; "Josephson,Ryan D (BPA) - DBC-3"  
<rdjosephson@bpa.gov>  
**Subject:** Cascade Crossing Draft Talking Points

Thanks to all of you who have provided edits, comments and other info. I am currently folding all of the edits I've received so far. Also, trying to confirm and verify some things with my counterparts at PGE. I will have updated talking points out as early as possible tomorrow.

Doug Johnson  
Bonneville Power Administration  
503-230-5840



---

**From:** "Josephson,Ryan D (BPA) - DBC-3"  
**Sent:** 5/17/2013 5:01:53 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Question

Is it possible to invite Sam to the check-ins with Bill on CCTP?

Ryan Josephson

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**Meeting Title:** CCTP check in/debrief  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 5/16/2013 3:52:45 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Josephson,Ryan D (BPA) - DBC-3" <rdjosephson@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Hardin,Craig  
A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Fredrickson,Rebecca E  
(BPA) - TSPQ-TPP-2" <refredrickson@bpa.gov>  
**Location:** Room TBD Bridge x8001 p/c 6294#  
**Start Time:** 5/16/2013 10:00:00 PM +00:00  
**End Time:** 5/17/2013 +00:00  
**Duration:** 2 hours  
**Reminder Time:** 5/16/2013 10:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Christen,Camille A (BPA) -  
LT-7; Bleiler,Damen C (BPA) - FTT-2; Josephson,Ryan D (BPA) - DBC-  
3; Johnson,Anders L (BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) - TPP-  
OPP-3; Hardin,Craig A (BPA) - TSE-TPP-2; Fredrickson,Rebecca E  
(BPA) - TSPQ-TPP-2

When: Thursday, May 16, 2013 3:00 PM-5:00 PM (GMT-08:00) Pacific Time (US & Canada).

Where: Room TBD Bridge x8001 p/c 6294#

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Hey everyone,

TSP has a retreat on Friday so setting up some time to debrief from Tuesday and talk about deliverables next week for the meeting with Bill.

---

**From:** "King,Robert D (BPA) - TSP-TPP-2"  
**Sent:** 5/16/2013 3:40:47 PM +00:00  
**To:** "Hilliard Creecy,Jamae (BPA) - TSSP-DITT-1" <jlhilliard@bpa.gov>  
**CC:** "Holden-Baker,Susan M (BPA) - TSS-DITT-1" <smholden-baker@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** CCTP and Res Desk involvement

Hi Jamae,

I followed up with Lauren about your question regarding the work going on with the Cascade Crossing negotiations and the need to review the queue. Lauren has been working with Rob on the CCTP work and will continue to loop him in when the queue issues arise - provided that works for you. Does this cover the question you raised?

Bob

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 5/15/2013 4:35:48 PM +00:00  
**To:** "Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Cctp weekly meetings

Good morning Kristin

Can you forward the weekly cctp meetings on lauren's calendar (mon afternoon, friday afternoon) to camille christen? She has copied versions on her calendar and doesn't get the updates.

Thanks!



**To dial into the bridge, external participants should dial 503-230-5566 (Participants calling from HQ, Ross, Dittmer or Van Mall can dial x5566). At any time during or after the message and the double beep, enter 2301 #.**

**The system will not allow access into the bridge until 5 minutes before the start time of your conference.**

**Callers can mute or un-mute their lines by pressing \*6. If you will not be speaking, please mute your line to minimize noise on the bridge.**

**Participants should not place this call on hold; doing so will cause other participants to hear their hold music.**

---

**Meeting Title:** Discussion on revamping \$ per MW work for CCTP  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 5/13/2013 8:51:33 PM +00:00  
**To:** "Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2"  
<dcbleiler@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2"  
<lnichols@bpa.gov>  
**Location:** TPP 228  
**Start Time:** 5/13/2013 9:45:00 PM +00:00  
**End Time:** 5/13/2013 10:45:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 5/13/2013 9:45:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2

When: Monday, May 13, 2013 2:45 PM-3:45 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TPP 228

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Ok really sorry about all the updates but was able to get a room and not we get 15 more minutes from Damen. Thanks.

**Meeting Title:** Meeting Forward Notification: Negotiation Prep Conference Call

**From:** Microsoft Outlook

**Sent:** 5/6/2013 8:19:00 PM +00:00

**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>

**Start Time:** 5/6/2013 11:00:00 PM +00:00

**End Time:** 5/6/2013 11:30:00 PM +00:00

**Reminder Time:** 5/6/2013 10:45:00 PM +00:00

**Is Recurring:** false

### **Your meeting was forwarded**

[Johnson,Anders L \(BPA\) - TPL-OPP-2](#) has forwarded your meeting request to additional recipients.

#### **Meeting**

Negotiation Prep Conference Call

#### **Meeting Time**

Monday, May 06, 2013 4:00 PM-4:30 PM.

#### **Recipients**

[Nichols-Kinas,Lauren \(BPA\) - TSP-TPP-2](#)

All times listed are in the following time zone:

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Sent by Microsoft Exchange Server 2010

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 5/1/2013 9:22:25 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Kohne,Kyle  
R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Bleiler,Damen C (BPA) -  
FTT-2" <dcbleiler@bpa.gov>; "Josephson,Ryan D (BPA) - DBC-3"  
<rdjosephson@bpa.gov>; "Tenney,Lauren E (BPA) - TSP-TPP-2"  
<letenney@bpa.gov>; "Sigurdson,Ryan M (BPA) - LT-7"  
<rmsigurdson@bpa.gov>; "Fredrickson,Rebecca E (BPA) - TSPQ-TPP-  
2" <refredrickson@bpa.gov> (b)(6)  
"Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** Potential Capacity Ownership Example?  
**Attachments:** Duke-American Transmission buys stake in 84-mile California  
transmission line.docx

Hello,

I saw the attached article today related to the sale of a capacity on existing 500 kV transmission line (Path 15 Upgrade) in California. It seems like it might be relevant to our CCTP discussions on capacity rights from joint investments.

According to the following fact sheet on WAPA's website (<http://www.wapa.gov/sn/ops/transmission/path15/factSheet.pdf>), it appears that 72% of the line capacity is owned by the company that funded line construction, 18% is owned by PG&E (for ownership and operation of the substation terminals), and 10% is owned by WAPA (for performing planning work, land acquisition, and managing the project). The WAPA website also has links to some FERC filings (<http://www.wapa.gov/sn/ops/transmission/path15/>) from 2002.

Thanks,  
Anders

## Duke-American Transmission buys stake in 84-mile California transmission line

---

CHARLOTTE, N.C., April 30, 2013 /PRNewswire

Duke-American Transmission today completed its previously announced purchase from Atlantic Power of 72 percent of the capacity of Path 15 - an 84-mile, 500-kilovolt transmission line in central California.

The nine-year-old line connects the state's northern and southern transmission grids, playing a key role in maintaining statewide electric system reliability and market efficiency.

Pacific Gas & Electric owns 18 percent of the line's capacity through its ownership and operation of the connecting Los Banos and Gates substations.

The remaining 10 percent is owned by Western Area Power Administration, which will continue to operate and maintain the line.

Duke-American Transmission is a joint venture between Duke Energy (NYSE: DUK) and American Transmission, formed in 2011 to plan and develop strategic transmission projects across the U.S. and Canada. For more information, visit: [www.datcllc.com](http://www.datcllc.com)

American Transmission media contact Anne Spaltholz, 855-770-3282

Duke Energy media contact Dave Scanzoni, 704-382-2543 or 800-559-3853

SOURCE Duke-American Transmission Co.

[http://rt.prnewswire.com/rt.gif?NewsItemId=CL05010&Transmission\\_Id=201304301653PR\\_NEWS\\_USPR\\_\\_\\_\\_\\_CL05010&DateId=20130430](http://rt.prnewswire.com/rt.gif?NewsItemId=CL05010&Transmission_Id=201304301653PR_NEWS_USPR_____CL05010&DateId=20130430)

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---

**From:** "King,Robert D (BPA) - TSP-TPP-2"  
**Sent:** 4/29/2013 2:52:30 PM +00:00  
**To:** "Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE / BPA Joint Retreat on CCTP

FYI

---

**From:** Brookshire,Sherry S (BPA) - T-DITT2 **On Behalf Of** Bekkedahl,Larry N (BPA) - T-DITT2  
**Sent:** Monday, April 29, 2013 7:12 AM  
**To:** King,Robert D (BPA) - TSP-TPP-2  
**Subject:** RE: PGE / BPA Joint Retreat on CCTP

FYI.....IG is coming in doing an audit. This is a heads up that Larry and the other VP's may not be available.

*Sherry*

-----Original Appointment-----

**From:** Singleton,Kristin M (CONTR) - TSP-TPP-2 **On Behalf Of** King,Robert D (BPA) - TSP-TPP-2  
**Sent:** Thursday, April 11, 2013 11:11 AM  
**To:** King,Robert D (BPA) - TSP-TPP-2  
**Subject:** PGE / BPA Joint Retreat on CCTP  
**When:** Tuesday, May 14, 2013 8:00 AM-11:00 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TBD

Placing this meeting with PGE on executive calendars in advance. Will update with staff invitations and location.

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 4/17/2013 8:03:52 PM +00:00  
**To:** "Mantifel,Russell (BPA) - TSPP-TPP-2" <rxmantifel@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FERC 1000 Materials?

Hi Russ,

Have you been working on the Ferc order 100 stuff? I think I remember at one point you saying you were in those discussions. In some of our discussions with execs about CCTP the issue of Order 1000 and how it relates to discussions that are going on with PGE on CCTP issues has come up. Do you have any briefing materials that you could forward that would help me better understand the issues that are going on with the FERC Order 1000 discussions?

Thanks.

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 4/16/2013 5:22:59 PM +00:00  
**To:** "Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE/BPA retreat

[Here is the list of invitees for the PGE/BPA retreat.](#)

---

**From:** Tenney,Lauren E (BPA) - TSP-TPP-2  
**Sent:** Thursday, April 11, 2013 1:46 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** PGE/BPA retreat

Hi Lauren,

Kristin put a hold on the executive calendars for May 14 from 9-12. I have forwarded this date to John and am waiting to hear back. Once I do I will work with Kristin to get the rest of the invitees included. Also – are they hosting or are we? Wondering if we should have Kristin set up a phone bridge.

Here is the list of attendees I can think of. Let me know if I am missing anyone or if anyone should be removed:

Larry  
Kim  
Claudia  
Hardev (who will be out so we will get his acting)  
Kyle Kohne  
Anders Johnson  
Damen Bleiler  
Rebecca Fredrickson  
Ryan Josephson  
Ryan Sigurdson  
Camille Christen  
Craig Hardin  
Paul Normal (b)(6)

---

**From:** "Tenney, Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 4/12/2013 9:45:31 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Cancel meeting with PGE this week

Follow-up with Craig/Frank/John to see if we can cancel with PGE next week so we can discuss economic issues during that time.

**Meeting Title:** Meeting Forward Notification: Updated: Cascade Crossing Business Case

**From:** Microsoft Outlook

**Sent:** 4/12/2013 8:22:24 PM +00:00

**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>

**Start Time:** 4/19/2013 8:00:00 PM +00:00

**End Time:** 4/19/2013 10:00:00 PM +00:00

**Reminder Time:** 4/19/2013 7:45:00 PM +00:00

**Is Recurring:** false

### **Your meeting was forwarded**

[Ebert,Heather A \(BPA\) - TS-DITT-2-A](#) has forwarded your meeting request to additional recipients.

#### **Meeting**

Updated: Cascade Crossing Business Case

#### **Meeting Time**

Friday, April 19, 2013 1:00 PM-3:00 PM.

#### **Recipients**

[Juj,Hardev S \(BPA\) - TP-DITT-2](#)

[Bekkedahl,Larry N \(BPA\) - T-DITT2](#)

[Aggarwal,Ravi K \(BPA\) - TPL-OPP-2](#)

[Johnson,Anders L \(BPA\) - TPL-OPP-2](#)

[Kohne, Kyle R \(BPA\) - TPP-OPP-3](#)

[Tenney, Lauren E \(BPA\) - TSP-TPP-2](#)

[Bleiler, Damen C \(BPA\) - FTT-2](#)

[Sigurdson, Ryan M \(BPA\) - LT-7](#)

[Hardin, Craig A \(BPA\) - TSE-TPP-2](#)

[Ehli, Cathy L \(BPA\) - S-7](#)

[Josephson, Ryan D \(BPA\) - DBC-3](#)

['Paul Norman'](#)

[Leathley, Kimberly A \(BPA\) - TS-DITT-2-A](#)

[TPP 200\(25\)](#)

[Andrews, Claudia R \(BPA\) - F-2](#)

[Ebert, Heather A \(BPA\) - TS-DITT-2-A](#)

All times listed are in the following time zone: (GMT-08:00) Pacific Time (US & Canada)

---

Sent by Microsoft Exchange Server 2010

---

**From:** "Ebert,Heather A (BPA) - TS-DITT-2-A"  
**Sent:** 4/12/2013 7:15:12 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: Question on next week's Cascade Crossing mtg Friday

We could even bump it up a little, if that worked for others. 1:00 or something.  
Not trying to complicate! Just trying to make things fit. :)

---

**From:** Ebert,Heather A (BPA) - TS-DITT-2-A  
**Sent:** Friday, April 12, 2013 11:58 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Question on next week's Cascade Crossing mtg Friday

Would you be able to get the briefing done in 1.5 hours rather than 2 hrs?  
I'm in a big calendar wrestling match - just trying to cover bases.  
Let me know what you think.

Thanks and happy Friday!

Heather  
2999

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 3/29/2013 3:26:03 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>  
**Subject:** Meeting this morning

I will bring a copy of the edited version of the ADF to the meeting so Nancy has a copy to read if she would like, but I don't know if we need to talk from it. It just has a lot of background information that she might like reading. Let me know if you guys have any issues with this.

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394

---

**From:** "Grimm, Lydia T (BPA) - KEC-4"  
**Sent:** 3/20/2013 1:05:25 AM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** meeting to add Claire McClory to

Hi Lauren-sorry haven't been able to get back to you—the meeting that I was referring to was one that John Sullivan mentioned was held bi-weekly. If there are others that could have bearing on environmental compliance issues (timing or design/planning) that would be good to try and hook Claire into as well; she wouldn't need to be involved in finance/assets review kinds of meetings. Thanks!

Lydia

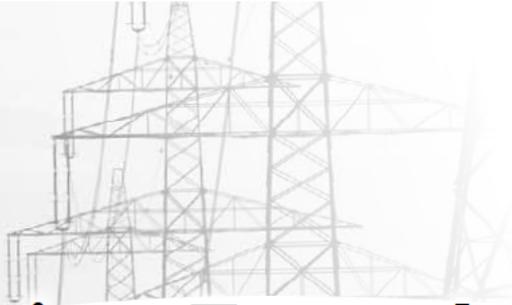
---

**From:** "King,Robert D (BPA) - TSP-TPP-2"  
**Sent:** 3/11/2013 8:08:36 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Fw: Emailing: TransmissionTrends\_20130311.pdf  
**Attachments:** TransmissionTrends\_20130311.pdf

I think it is around page 24.

----- Original Message -----

**From:** Gillman,Richard A (BPA) - TSPP-TPP-2  
**Sent:** Monday, March 11, 2013 10:03 AM  
**To:** ADL\_TSPP\_ALL  
**Cc:** King,Robert D (BPA) - TSP-TPP-2; Michie,Preston D (CONTR) - TSP-TPP-2  
**Subject:** Emailing: TransmissionTrends\_20130311.pdf



# TransmissionTrends

A weekly newsletter for members of  
 TransmissionHub.

MONDAY, MARCH 11, 2013  
**ISSUE 10, VOLUME 3**

## Numerous planned transmission projects facing delays

*Carl Dombek*

A number of transmission projects in various stages of development that had been expected to progress during 2013 have been delayed or suspended for reasons ranging from changes in the projected need for the facility to allowing additional time for public comment to concerns over the environment.

*(continued on page 24)*

## PJM identifies transmission, other upgrades resulting from generation deactivations

*Rosy Lum*

PJM Interconnection's board of directors in 2012 approved 777 individual bulk electric system (BES) upgrades, according to the 2012 RTEP in Review dated Feb. 28, the first of five books that comprise PJM's regional transmission expansion plan (RTEP) report.

*(continued on page 8)*

## Investment in transmission still hinges on sector stability—financiers

*Corina Rivera-Linares*

While FERC Order 1000 has brought some new opportunities, resulting from the elimination of incumbents' right of first refusal, from an equity viewpoint, investors are still looking for stable, solid returns.

## INSIDE THIS ISSUE:

### PLANNING

---

ColumbiaGrid seeks new director

PSEG has 3 nuclear refueling outages set in 2013

### PROJECTS

---

Military may be delaying SunZia project – NM officials  
Setback for proposed new transmission line in Tillamook, Ore.

ATC seeks permission to rebuild 58 miles of Wisconsin transmission

Dominion Virginia Power to invest \$2.6bn in transmission from 2013-2017

Georgia Transmission suspends East Walton to Rockville line

EEI: Total transmission investment in 2011 reached \$11.1bn

### OPERATIONS

---

BPA seeking research partners to improve grid efficiency

ITC spells out benefits of Entergy transaction to Louisiana operating companies

### POLICY

---

New York City to study feasibility of placing above-ground power lines underground

Maryland utilities to improve resiliency, reliability of electric utility distribution infrastructure

Minnesota PUC looks at appointing power advisory committee

Different rules, approaches make transmission development smoother north of the border

State regulators address extreme weather, FERC Order 1000, 'transmission fatigue'

Wyden to FERC: The Northwest should retain control over its power future

Minnesota bill would increase utilities' obligations under state's 'buy the farm' law

Two measures in the Wisconsin legislature would allow ATC greater latitude to expand

BPA files revised oversupply management protocol with FERC

Industry: Two proposed bills would make new transmission projects in Illinois 'virtually impossible'

Obama's DOE, EPA picks are not strangers to policy role

"[T]he world hasn't changed much from the perspective that we are looking for projects that still have a very guaranteed type of an offtake or a revenue stream identified," according to Ali Amirali, senior vice president with Starwood Energy Group Global, a private equity investment firm.

The transmission business is not for the weak of heart, he said during a Feb. 26 panel discussion at Infocast's 16th Annual Transmission Summit 2013 in Washington, D.C. Any worthwhile transmission project takes about 10 years to complete and involves a significant amount of development dollars.

"We are still looking for the same type of projects [that] have a revenue stream identified, have a cost recovery and a revenue recovery – investment return – identified," Amirali said. "Then we'll invest in it."

He added that the number of players in transmission has increased as more developers enter the field.

Another panelist, John Cogan, managing director with Credit Suisse's power and renewable energy investment division, noted that the current environment is one of "extremely low interest rates" and "short-term rates are effectively zero."

"Looking out to long-term rates, we have a [Federal Reserve] that's purchasing [a large amount of] long-term bonds each month, effectively buying 75% of U.S. Treasury debt issuance," Cogan said. "This has the effect of lowering long-term rates, and market commentators don't expect that trend to end any time soon, ... so we're going to have really low short- [and] long-term rates for the foreseeable future."

From a debt investor's perspective, Cogan said transmission is the "absolute perfect asset class for investment, whether it's in a formula tariff context, or it's aligned with a long-term contract."

For projects that have a good chance of entering construction over the next five years, there is more than enough debt for all of them in the private sector, but impediments, including those that involve cost-sharing issues, remain for moving projects forward.

Also speaking on the panel, Daniel Mallo, managing director of project and structured finance with Societe Generale, said that equity capital is available but "the problem is getting from the idea to the project" itself.

For instance, with a developer who wants to link a wind power generation facility to a load center, but does not have permits or an anchor tenant, "what do you do with that?," he asked.

## RELATED NEWS:

**State regulators address extreme weather, FERC Order 1000, 'transmission fatigue'**

**Tres Amigas CEO: Construction on first phase of project to begin in June**

**On cybersecurity, FERC Commissioner LaFleur calls for enhanced information sharing**

**FERC must now 'pay the piper' in dealing with complexity of compliance filings—Commissioner LaFleur**

**FERC Commissioner Moeller: Transmission is 'ultimate enabler'**

Joint ventures among utilities and a stable regulatory framework help in project financing, panelists said during Infocast's transmission summit in Washington, D.C.

"This [involves] potentially tens of millions of dollars of development capital to get you to the stage where people like Ali or us on the debt side are willing to invest," he said. "That's a meaningful amount of money. It's a high-cost, high-risk proposition and that's the difficulty: the fact that those projects tend to take a little longer to get to come to fruition."

A transmission project is a multi-year proposition with major permitting constraints. "All of that costs money and you need to have somebody at the front end that's willing to take that risk and potentially commit tens of millions of dollars to get the project from the idea stage to the executable stage," he added.

Mallo said joint ventures among utilities make sense as the risk is shared and the amount of capital can be divided. Also, a solid regulatory framework is helpful, he said.

Amirali noted that partnerships with a permitting authority that has eminent domain rights is absolutely critical.

Besides an appropriate revenue model, a project also needs to have the ability to obtain permitting, he said, adding: "[Y]ou have to have companies and partners and alliances that



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will facilitate that to happen. Any company with any organization that has an eminent domain authority, something that has condemnation rights, right off the bat has an advantage.”

He noted that it would have been difficult to predict in 2002 the country’s current financial condition. “A 10-year project has to be planned in 2002 to come online in 2013 – think about that,” he said, adding that transmission projects must be placed into categories.

“You have to break it down into what do we absolutely need, first of all, what are we going to be when we grow up as a state, as a country, what do we need to get there, and how do we facilitate infrastructure that is ‘no regret infrastructure,’” Amirali said. “Then, you go out and find who’s going to build them; that way, you have a process that is streamlined.”

Cogan said policy and legislative change is needed in getting development capital deployed in transmission infrastructure.

Noting that the Energy Policy Act of 2005 and FERC Order 679 have not solved all issues, he said, “I remain cautiously optimistic that Order 1000 could undo a little bit of a logjam, provide for interregional planning for the first time [and] codify some arrangement for cost sharing and then, we’ll begin to see RTOs put projects out to bid.”

Amirali cited economic projects issued in recent years by the California ISO, noting that “once you get an ISO board approval, a project like that ... at least knows that it can go to FERC and get a rate of return. That eliminates a very big component of the project risk.”

That project can find development capital to take it from a conceptual drawing board to the permitting processes, provided there is a coalition in place that has the ability to bring that project to fruition, he said.

Other important factors, Mallo said, are the quality in the management team that is behind the project and the ability to secure an anchor tenant.

“You may not have it yet, but is there a reason for us to believe that you’re in a position to get it?,” he said. “Those are the kind of things that we would take into consideration when we look to support a project.”

Among other things, Cogan said that one of the dilemmas most of his clients in the United States face is that there is little to no growth in electricity demand, a phenomenon that is prompting them to invest elsewhere, such as in Latin America.

"The historic correlation of power demands and GDP, with power demands kind of [60% to] 70% of GDP growth, has been severed, probably forever," he said, adding that about 29 states have energy efficiency standards.

Chile and Peru for instance, have tariff regimes that have been in place for 25 years, are predictable and have attractive returns, he said. Those countries also have a burgeoning middle class that is consuming more electricity.

"Take one of my clients, **Sempra**, they've seen their Chilean utility [have an] 18% earnings growth over the last five years, Peru: 12 [and the] U.S.: 1," he said. "So, I find myself spending more time north and south of the border."

## ColumbiaGrid seeks new director

*Carl Dombek*

ColumbiaGrid is seeking a new director to fill the seat recently vacated on its Board of Directors and will accept applications through March 22 for the position. The new board member will be selected at a special election to be held April 17.

According to the organization's by-laws, directors must be knowledgeable about the electric power system in the Pacific Northwest. In addition, they must have either been responsible for obtaining or providing transmission or power service on behalf of a federal power marketing agency, or have had other relevant and substantial experience with an electric power system.

However, that does not mean candidates must be engineers.

"Not all of the directors have electrical engineering degrees; they come from a variety of backgrounds," Dan Dettmer, ColumbiaGrid's treasurer and corporate secretary, told *TransmissionHub* on March 8. While industry experience is vital, he added, "the members decide who is qualified and they take the vote."

In addition to substantial and relevant experience with the electric power system in the Pacific Northwest, candidates must not have any conflicts of interest.

The term of the previous director, Shelly Richardson, officially expired in April 2012, but she agreed to stay on through the end of the year after ColumbiaGrid's members decided to delay

### RELATED NEWS:

**ColumbiaGrid stakeholders to discuss interregional cost allocation, transmission planning**

**STUDY: Western Washington transmission would be adequate in the event of natural gas interruption**

**A recap: The Year of Order 1000**

**ColumbiaGrid board tentatively approves agreement to comply with Order 1000**

**ColumbiaGrid transmission projects moving forward**

**ColumbiaGrid partners close to completing Order 1000 compliance**

**ColumbiaGrid proposes PEFA revisions to comply with FERC Order 1000**

**ColumbiaGrid system assessment identifies 17 areas of concern**

the selection of a new director to give themselves additional time to consider strategic responses to a variety of challenges facing the industry.

As part of those deliberations, the members decided to amend the organization's bylaws with regard to the qualifications for board members.

ColumbiaGrid members voted to remove the absolute disqualification to a director having worked for a member or another market participant in the year prior to the election. Now, applicants will be required to disclose any such relationship to the members as part of the application process.

Other changes include giving the members, rather than the existing board, the responsibility for selecting a final slate of candidates and assumption of other responsibilities relating to the election. Finally, the prohibitions on work that a director might pursue after stepping down from the board will be modified.

The organization's three board members serve staggered three-year terms, so the organization will hold another election for the seat currently held by Ed Sienkiewicz later this year.

Interested, qualified individuals should submit a cover letter, resume, and completed conflict disclosure statement, available on the ColumbiaGrid web-site, by the end of the day Friday, March 22.

## PSEG has 3 nuclear refueling outages set in 2013

*Wayne Barber*

**Public Service Enterprise Group** (PSEG) (NYSE:PEG) has three refueling and maintenance outages scheduled at its nuclear units during 2013.

This spring a refueling outage is scheduled at Salem Unit 1. In the fall, PSEG will see scheduled outages at both Hope Creek and Peach Bottom 3 nuclear units. The company's top management updated nuclear, solar and other key infrastructure issues during financial analyst presentations on March 1 and March 8.

Here's a nuclear rundown:

- Hope Creek is a 1,174-MW boiling water reactor (BWR) that is 100% owned by PSEG. It is licensed to operate through 2046.

### MORE RELATED NEWS:

[Three utilities, BPA, to partner on new transmission line](#)

[Transmission upgrades needed to west of Cascades north interface—study](#)

[Transmission upgrades needed to accommodate wind in the NW—study](#)

[Updated ColumbiaGrid transmission expansion plan identifies additional areas of concern](#)

[ColumbiaGrid posts draft 2012 biennial transmission expansion plan](#)

### RELATED DOCUMENTS:

[PSEG Morgan\\_Stanley 3-8-13.pdf](#)

### RELATED NEWS:

[Exelon refueled five nuclear units in 2H of 2012](#)

[PSEG acquires 15-MW Delaware solar project](#)

[PSEG backs down coal as it burns more cheap gas](#)

- Salem 1 and 2 are pressurized water reactors (PWRs) with total capacity of 2,326 MW. Salem 1 and 2 are licensed to run until 2036 and 2040. Salem 2 is scheduled to refuel in spring 2014. Salem is 57% owned by PSEG and 43% by **Exelon** (NYSE:EXC).
- Peach Bottom 2 and 3 are BWRs with a combined capacity of 2,245 MW. Ownership is divided 50/50 between PSEG and Exelon. Exelon runs the station. Licenses for the units expire in 2033 and 2034 respectively. Unit 2's next refueling is scheduled for fall 2014. Peach Bottom is located in Pennsylvania while the other two nuclear stations are in New Jersey.

In addition an extended power uprate, which should increase the Peach Bottom generating capacity by 130 MW should go into service in 2015 or 2016, according to the PSEG presentations.

The company's nuclear capacity was more than 90% in 2012 and the natural gas plant forced outage rate was very low, PSEG Chairman and CEO Ralph Izzo during a March 1 analyst day. "We eked out" more generation at PSEG nuclear plants and the company is beginning to grow its non-utility solar business, Izzo said.

### **Solar, natural gas growth also cited**

PSEG's power subsidiary added 400 MW of new natural gas peakers in time to respond to summer demand, PSEG told financial analysts.

During the past year, PSEG has successfully extended contracts with five of its six labor unions at "fair and reasonable terms," Izzo said.

**PSEG Solar Source** has completed 69 MW of new generation and has an additional 19 MW, under construction. PSEG Solar Source has six projects in different parts of the country and all six have long-term off-take agreements.

PSEG has a diverse generation fleet with more than 13,000 MW of capacity that is fueled by 45% natural gas; 28% nuclear and 18% coal. The rest is divided between oil and pumped storage.

**PSEG Power's** fossil fleet availability has shown steady improvement in recent years, officials said. The combined-cycle fleet efficiency has shown efficiency, officials said. For example, the heat rate was less than 7,500 BTU/KWh in 2012, according to the presentation.

Much of the company's pipeline capacity can easily access Marcellus shale natural gas, the company said.

Izzo also hailed the performance of PSEG workers during Hurricane Sandy, including the temporary closure of nuclear units and restoring power service.

Pending deactivation of roughly 12,600 MW of coal generating capacity in the Northeast region should drive down PJM's reserve margin from more than 25% to less than 20% in the next couple of years, according to PSEG.

PSEG is planning a \$6.1bn capital spending program that's will be implemented by the end of 2015. PSEG also has several key electric transmission projects expected to enter service by the end of 2015. The wires projects include the 230-kV Burlington – Camden project and the 230-kV Mickleton – Gloucester-Camden project.

## PJM identifies transmission, other upgrades resulting from generation deactivations

*(continued from first page)* "PJM identified and recommended these upgrades to resolve reliability criteria violations identified through 2027," the RTO said. "Now part of PJM's RTEP, upgrade plans approved in 2012 have been integrated with those approved by the PJM Board between 1999 and December 31, 2011."

In addition, transmission owners identified 130 supplemental upgrades as part of PJM's 2012 RTEP, the RTO said.

The 2012 RTEP in Review looks at the effects of generation deactivations and the system deficiencies that may have to be addressed as a result of the Eastern Interconnection Planning Collaborative's studies, among other things.

PJM also noted that while it has historically evaluated the need for more transmission in response to NERC criteria violations, the planning paradigm is changing, given the advent of public policy goals.

"Whether taken individually, or addressing their collective impact, public policy decisions have begun to drive transmission expansion planning decisions," PJM said in the review.

The RTO said that since its inception in 1997, the magnitude of uncertainty regarding future system conditions was limited and that RTEP tests could reasonably identify future reliability violations, but that that was changing.

### RELATED PROJECTS:

[Mid-Atlantic Power Pathway \(MAPP\)](#)

[Potomac Appalachian Transmission Highline Project \(PATH\)](#)

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[PJM FERC Order 1000 compliance filing includes state agreement approach](#)

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[EIPC study shows Northeast on a 'sustainable' path—National Grid exec](#)

[Panelists: FERC Order 1000, EPA regulations to impact transmission outlook](#)

“Uncertainty around the onset of reliability criteria violations is not characterized by a definitive step function,” PJM said. “Now, many other factors – including at-risk generation, renewable portfolio standard (RPS) generation, increasing reliance on demand resources and energy efficiency and other state public policy initiatives – have begun to introduce additional uncertainty.”

A single set of baseline and market assumptions is not sufficiently flexible anymore, PJM said. Changing circumstances may require PJM to adjust planning study assumptions and reevaluate decisions made as a result of earlier planning analyses.

“Backbone transmission projects, especially those as complex as the [Potomac Appalachian Transmission Highline] and [Mid-Atlantic Power Pathway] projects, cannot be effectively planned, funded, approved and constructed if they are continually taken on and off the table – the whip-saw effect,” PJM said. “Once a project is shelved, it cannot simply be put back on track when system conditions change suddenly turning in a new direction.”

PJM continued: “The complexity does not end there. Regional transmission expansion planning drivers can cut both ways. Any one individual factor may contribute to the need for one transmission expansion upgrade and simultaneously mitigate the need for another. This is particularly true with the impacts of clustered generation additions. Location is everything. New generation at one interconnection point may increase cross-system power transfers while another may back them off, thereby helping to mitigate congestion.”

The RTO is in the process of implementing proposed expansions to its RTEP protocol, consistent with the terms of its FERC Order 1000 compliance filing.

### **Generation deactivations**

In January 2013, PJM received 1,697 MW worth of deactivation requests.

For the nine years ended Dec. 31, 2011, PJM “received and studied” 12,100 MW of deactivation requests. Between Nov. 1, 2011, and Dec. 31, 2012, however, PJM studied an unprecedented 104 deactivation requests totaling more than 13,868 MW, the majority of which were in the western subregion of PJM.

"In addition, deactivation studies identified the need for many previously identified RTEP baseline projects to be completed earlier," PJM said. "The total increase to the RTEP to include these baseline project changes has amounted to \$2.385 billion to address the 104 deactivation requests."

In the Mid-Atlantic region, PJM has identified 43 baseline upgrades to solve reliability criteria violations caused by generator deactivations. The upgrades include:

- A new 500/230-kV substation to address several overloads on 230-kV facilities in the South Akron and South Manheim area of the PPL zone, estimated to cost \$42m;
- A new 6.4 mile, 230-kV line between Whippany and Montville in the JCPL zone to address NERC category C3 (N-1-1) violations that arise due to the loss of the Montville-Roseland 230-kV line followed by the loss of the Kittatinny-Newton 230-kV line, PJM said. The estimated cost for the project is \$37.5m
- Conversion of the existing 115-kV line to 230-kV from Farmers Valley to Lewis Run in the PENELEC zone to address generator deliverability violations, estimated to cost \$46.8m
- A loop of the Homer City to Stolle Road 345-kV line into a new 345/230/115-kV substation at the existing Farmers Valley 115-kV substation in the PENELEC zone to address NERC category B (single contingency) voltage drop violations, generator deliverability violations and NERC category C3 (N-1-1) thermal violations. The estimated cost for the upgrade is \$29.5m
- A loop of the Homer City to Watercure 345-kV line into a new 345/115-kV substation at the existing Mainesburg 115-kV substation in the PENELEC zone, and a loop of the Mansfield to Everts 115-kV line into the Mainesburg 115-kV substation to solve N-1 category B voltage criteria violations local to Mainesburg. The estimated cost for the upgrade is \$18.2m

PJM also identified a number of baseline upgrades to address thermal violations, including:

- Construction of a new 345-kV transmission line from Allen Junction to Midway to Lemoyne to address a NERC category C3 (N-1-1) thermal violation on the Lemoyne-BG Tap 138-kV line caused by the loss of the Allen Junction-Lulu 345-kV tie line to Michigan and the Lemoyne to Five Points 345-kV line. Approximately 48 miles, or about

three-quarters of the line, will utilize an open tower position on existing double circuit tower structures. The project is estimated to cost \$86.3m

- Construction of a new 138-kV transmission line between West Fremont and Hayes substations to address NERC category C5 (double-circuit tower) thermal violations on the Ottawa-Lakeview 138-kV line and the Lakeview to Greenfield 138-kV line. The estimated cost of the new 138-kV line is \$45m
- Construction of a new Mountaineer to Sporn 345-kV transmission line (roughly three-quarters of a mile) and the addition of a new 765/345-kV transformer at Mountaineer, at a total estimated cost of \$65m. This project will provide a new 345-kV source into the Sporn substation to address an overload on the Mountain-Belmont 765-kV line for a NERC category C breaker failure contingency at Marysville that trips the Marysville-Sorenson 765-kV line and the Marysville to Flatlick 765-kV line.

In southern PJM, the board has approved more than 21 baseline upgrades to solve identified reliability criteria violations caused by deactivating generators, including:

- Construction of a new 500-kV line from Surry to Skiffes Creek and a new Skiffes Creek 500/230-kV substation at a total estimated cost of \$100.7m, which will address thermal and voltage reactive criteria violations on 230-kV facilities serving the northern Hampton Roads area of Virginia
- Rebuild the 40-mile Lexington to Dooms 500-kV transmission line at an estimated cost of \$120m, to address a thermal overload and to address aging infrastructure issues
- Addition of a new Suffolk to Yadkin 230-kV transmission line at an estimated cost \$40m to address a NERC category C3 (N-1-1) overload

“In particular, deactivation of generation along Lake Erie will require significant transmission upgrades to resolve thermal and voltage violations in and around Cleveland, Ohio which historically has been constrained by voltage limitations in actual operations,” PJM said.

The RTO noted that generation deactivations alter power flows, which can result in transmission line overloads and, given reductions in system reactive support from those generators, can undermine voltage support.

PJM Markets Division conducted an analysis based on a 2017-study year base case in which it identified 6,362 MW of coal generation at risk of being retired.

### **Upgrades resulting from EIPC study**

As part of the Eastern Interconnection Planning Collaborative (EIPC), a study that evaluates in two phases the type of transmission system needed to meet three future scenarios, PJM looked at potential transmission upgrades that could be made to solve reliability criteria violations. Most of the upgrades were driven by west to east transfers resulting from higher imports across the region, PJM said. In addition to DC lines, the PJM portion of the overlays also included upgrades to reinforce native BES facilities, including upgrades at 765-kV and 500-kV, to solve N-1 criteria violations.

Transmission capital costs to PJM would total between \$21.9bn and \$24.1bn for Scenario 1, \$23.9bn and \$28.2bn for Scenario 2, and \$3.5bn and \$4.2bn for Scenario 3. Those costs come out of a total to an EIPC-wide estimated total of \$82.8bn to \$115.2bn for Scenario 1, \$55.1bn to \$79.7bn for Scenario 2, and \$12.3bn to \$18.5bn for Scenario 3.

Scenario 1 is a combination of federal climate and energy policy and is based on a 42% reduction in carbon emissions by 2030 over 2005 levels, a 30% national renewable portfolio standard (RPS), and aggressive implementation of demand resource, energy efficiency, distributed generation and smart grid devices.

Scenario 2 is a regionally implemented RPS, which focuses on providing 30% of electricity delivered from renewable resources by 2030. Scenario 3 is business as usual, which entails no new environmental policies or regulations with a continuation of forecasted load growth, existing RPS and currently proposed EPA regulations.

## Military may be delaying SunZia project – NM officials

*Carl Dombek*

Several elected officials in New Mexico are concerned that the U.S. Department of Defense (DOD) is wavering in its acceptance of the preferred route for the SunZia Southwest transmission project included in the draft environmental impact statement (EIS), and have written to Interior Secretary Ken Salazar to ask that the secretary expedite the release of the project's final EIS.

In May 2011, the DOD's Defense Energy Siting Clearinghouse proposed an alignment for the project that was deemed compatible with military missions in New Mexico, including operations at the White Sands Missile Range. In May 2012, the U.S. Bureau of Land Management (BLM) issued its draft EIS with a preferred route that respected military operations within restricted airspace north of the military reservation.

However, leadership at the military base changed in September 2012 when Brig. Gen. Gwen Bingham took over as base commander. One official says that change in leadership is a factor that is contributing to the shifting sands beneath the project's feet.

"It's difficult to know what to do for somebody when they keep changing the 'somebods', and they have their beliefs on what to do," Luna County, N.M., Commission Chairman Javier Diaz told *TransmissionHub* on March 8. "The people in Washington were OK with whatever project alignment was good for everybody, but when it gets down to [the local] level, it changes, and that's what we'd like remedied."

In a joint letter to Salazar co-signed by Deming, N.M., Mayor Andres Silva, Diaz said projects like SunZia can be a catalyst to create growth in high unemployment areas of the state.

"Our economic base is low and we don't have a lot of jobs here," Diaz said, noting that the taxes paid by the project owners would ultimately benefit the local citizens.

"The citizens benefit through building of roads and other projects within the city [including] improving public facilities," like community and youth centers, he said. "Not having the transmission line – the highway – to move this electricity, and we're dead in the water."

Diaz and Silva closed their joint communiqué by asking that the Interior Department "release the final EIS without any further delay and/or study."

### RELATED PROJECTS:

[SunZia Southwest Transmission Project](#)

### RELATED DOCUMENTS:

[Grant\\_County\\_SunZia\\_Support.pdf](#)

[Luna\\_County\\_SunZia\\_Support.pdf](#)

[SunZia DEIS Route Map.pdf](#)

### RELATED NEWS:

[New state commission chairs see need for more transmission to export renewable energy](#)

[Viability of SunZia project 'remains to be seen,' report says](#)

[BLM identifies preferred route for SunZia transmission line](#)

Diaz said he has not received a response to the Feb. 13 letter.

In a separate communication to Salazar and copied to members of the state's Congressional delegation, Grant County, N.M., Commission Chairman Brett Kasten articulated similar themes.

"It is apparent to many that the military continues to bring up new reasons why SunZia conflicts with military activities," even after the DOD's May 2011 letter that suggested a route that was compatible with military missions, and which the BLM ultimately selected as the preferred alternative.

While acknowledging the economic benefits the military brings to the area, Kasten said the state also needs the additional revenues that the generation and transmission of renewable energy would bring.

"New Mexico has wind, solar, and geothermal capabilities, but without much needed transmission, the resources in New Mexico will not be utilized," Kasten wrote.

In January, Salazar announced his intention to step down as Interior Secretary by the end of March. At present, however, he continues to be active in the position.

SunZia is planned as approximately 530 miles of two single-circuit 500-kV transmission lines and associated substations that stretch from northern Lincoln County, N.M., to southeastern Arizona. The project will interconnect with numerous 345-kV lines in both states, and will connect and deliver electricity generated in Arizona and New Mexico to population centers in the Desert Southwest, according to the developer.

The 530-mile preferred alternative route identified by the BLM in the draft EIS comprises 191 miles of federal lands, 226 miles of state lands and 113 miles of private or other lands in both states.

The project is being sponsored by a consortium of five companies: **Southwestern Power Group II/MMR Group, Shell WindEnergy, Tucson Electric Power, Salt River Project, and Tri-State Generation and Transmission Association.**

SunZia is one of seven projects selected for fast-track treatment by the Obama Administration's interagency rapid response team for transmission (RRTT), a joint effort of nine federal agencies charged with improving the overall quality and timeliness of electric transmission infrastructure permitting, review, and consultation by the federal government on both federal and non-federal lands.

## Setback for proposed new transmission line in Tillamook, Ore.

Carl Dombek

The Tillamook, Ore., City Council on March 5 overturned the conditional use permit granted by the city planning commission for a new 115-kV power line that would extend from a substation east of the town through the city center and ultimately along Hwy. 131 to Oceanside on the Oregon coast.

During the meeting, the city council heard from three people who had filed protests against the line, which primarily objected to the alignment proposed by the Tillamook People's Utility District (PUD), an individual who attended the meeting told *TransmissionHub*. Objections centered on concerns that the proposed alignment through the city center on Front Street would adversely affect the area's character as well as the development potential on their land.

"There is rich history and significance to this area," residents Don Aufdermauer and Dennis Johnson wrote in a joint objection to the project. They noted that the proposed alignment went against two city policies intended to preserve current and future historic sites, and to protect and enhance the areas of the city for future development.

A written decision will be forthcoming and will include details leading to the decision, the individual said.

The PUD will brief its board of directors about the March 5 meeting at the board's next meeting on Tuesday, March 12, a PUD spokesperson told *TransmissionHub*. The board will then discuss next steps but will not decide until the city issues its formal, written decision, which the spokesperson said is expected in approximately two weeks.

The PUD has indicated that the transmission line is needed to enhance reliability along a three-mile stretch of the Oregon coast from Oceanside south to Netarts, Ore., which is currently served by a single radial distribution line.

While agreeing that the project itself has merit, Aufdermauer and Johnson also objected to the financial impact of the proposed route.

"Although this may be the cheapest and easiest plan for the PUD, it is not the plan that has the least financial impact on property owners or the plan that is best for the city," the two wrote in their objection.

### RELATED DOCUMENTS:

[Johnson\\_Tillamook\\_PUD\\_Appeal.pdf](#)

### RELATED NEWS:

[Proposed transmission project to Oregon coast meets early opposition](#)

A number of alternate routes were studied and considered; the proposed route was the PUD's choice based upon impact to landowners, engineering and cost to build the line. That decision will now have to be revisited, and the PUD will have to obtain permits from both the city and Tillamook County before proceeding.

## ATC seeks permission to rebuild 58 miles of Wisconsin transmission

*Carl Dombek*

**American Transmission Company** (ATC) is seeking permission from the Public Service Commission of Wisconsin (PSCW) to rebuild 58 miles of existing 138-kV transmission lines that cross portions of four southeastern Wisconsin counties (Docket No. 137-CE-165).

The company filed an application Feb. 28 seeking a certificate of authority from the PSCW for the Waukesha-Concord-St. Lawrence rebuild project. Simultaneously, ATC filed a utility permit application with the Wisconsin Department of Natural Resources (DNR), as the company anticipates a number of DNR authorizations will be required for the project.

ATC is seeking permission to rebuild the transmission lines that currently stretch from the Waukesha substation in Waukesha, Wis., through Jefferson and Dodge counties to the St. Lawrence substation in the town of Slinger, Wis. A majority of the conductors and support structures were built in the 1940s and 1950s, and are approaching the end of their useful life, an ATC spokesperson told *TransmissionHub* on March 6.

Proposed upgrades include replacing most of the aging lattice and H-frame structures with single poles and new H-frame structures along the line's 58-mile route, including the removal and replacement of as many as 53 structures that are currently sited in wetlands.

New aluminum conductor, steel reinforced (ACSR) conductors and fiber optic ground wires will be installed along 35 miles of the project's length, while 23 miles of existing conductor will be retained and moved to new structures. The fiber optic ground wires will provide high-speed data transfer and support electric system operations, as well as shielding the phase conductors from lightning strikes.

No new right-of-way will be needed for the project, ATC said.

### RELATED PROJECTS:

[Waukesha to Concord to St. Lawrence Rebuild Project](#)

### RELATED DOCUMENTS:

[ATC Waukesha-Concord-St. Lawrence rebuild project application.pdf](#)

### RELATED NEWS:

[Two measures in the Wisconsin legislature would allow ATC greater latitude to expand](#)

Although the company noted that the rebuild “will not significantly affect the quality of the human environment,” ATC provided with its application the information necessary for the preparation of an environmental assessment if the PSCW determined such an assessment to be necessary.

The rebuilt line will help meet current and future electricity loads, support the safe and reliable operation of the electric system, and improve system reliability in the four counties, the spokesperson said.

ATC anticipates regulatory approval this spring and the start of construction in the summer of 2014, according to the company’s application. The estimated cost of the project is \$59.6m and the targeted in-service date is spring 2017.

## Dominion Virginia Power to invest \$2.6bn in transmission from 2013-2017

*Rosy Lum*

**Dominion Virginia Power** plans to invest \$2.6bn in electric transmission from 2013 to 2017, according to a March 4 analyst day presentation.

The **Dominion Resources** (NYSE:D) subsidiary has total planned growth capital expenditures of \$4.5bn for the 2013-2017 period.

For the 2007-2012 period, Dominion Virginia Power invested a total of \$3.6bn in electric transmission.

By individual year for the 2013-2015 period, Dominion Virginia Power will invest \$784m, \$733m and \$586m, respectively, bringing total capital investments for the three-year period to nearly \$2.1bn, according to the company’s 4Q12 earnings presentation Jan. 31.

Dominion Virginia Power has several transmission projects in its development queue, including the [Mt. Storm to Doubs](#) 500-kV line, the [Surry-Skiffes Creek](#) 500-kV line, the [Loudoun to Pleasant View](#) 500-kV line, the [Dooms to Bremo Rebuild](#) 230-kV line and the [Dooms to Lexington](#) 500-kV Rebuild, according to the company’s 2013 financial outlook.

### RELATED PROJECTS:

[Mt. Storm to Doubs Rebuild Project](#)

[Dooms–Lexington 500kV Rebuild Project](#)

[Cannon Branch to Cloverhill](#)

[Cloverhill to Liberty](#)

[Dooms to Bremo Rebuild Project](#)

[Loudoun to Pleasant View 500-kV Rebuild](#)

[Surry to Skiffes Creek](#)

### RELATED NEWS:

[Dominion, electric co-op working on transmission solutions for Warrenton, Va., area](#)

The company will invest \$99m, \$47m and \$11m in 2013, 2014 and 2015, respectively, in the Mt. Storm to Doubs line; and \$52m, \$88m and \$15m for the three respective years in the Surry-Skiffes Creek 500-kV line, according to the 4Q12 presentation.

Investments in the Loudoun and Doods-Sherwood-Bremo lines will not continue into 2015. The company will invest \$46m and \$52m in the Loudoun project in 2013-2014, and \$31m and \$9m in the Doods-Sherwood-Bremo project during the same two years.

In the Doods to Lexington Rebuild, Dominion Virginia Power plans to invest \$44m in 2014 and 2015, each.

Other projects the company is working on include the [Cloverhill to Liberty](#) transmission line, the [Cannon Branch to Cloverhill](#) line and the Fentress to Yadkin line.

In 2012, Dominion Virginia Power placed \$400m of new transmission assets into service, and completed Phase 2 of the Mt. Storm to Doubs 500-kV rebuild project.

Dominion has projected 2013 operating earnings guidance of \$3.20 to \$3.50 per share, with the majority of the growth taking place in 3Q13 and 4Q13. The company projects 5% to 6% of annual earnings growth for the 2013-2017 period.

Mt. Storm to Doubs is a 99-mile, 500-kV transmission line that originates at the Mt. Storm power station in Grand County, W. Va., and terminates at the Doubs substation in Fredrick County, Md. The project is scheduled for completion in 2015. Dominion's portion of the project is 96.4 miles of line and \$350m of the total project cost of \$370m, according to *TransmissionHub* data.

The Loudoun to Pleasant View 500-kV rebuild is required to comply with NERC reliability standards and for increasing line capacity. The project is scheduled for completion in May 2016.

Surry to Skiffes Creek is a 7.7-mile, 500-kV line, which is expected to enter service in the summer of 2015. The project is estimated to cost \$56m, according to *TransmissionHub* data.

The Doods to Sherwood to Bremo line involves reconductoring 45 miles of 115-kV line to a single-circuit 230-kV line. The project is scheduled to enter service in 2014 and is estimated to cost \$64m.

The Doods to Lexington 500-kV project is a planned upgrade to the existing transmission line that was put in service in 1966. The new 39-mile line has an in-service date of spring 2016 and is estimated to cost \$120m.

The Cannon Branch to Cloverhill project is a new 2.3-mile, 230-kV single-circuit transmission line. The cost of the project is estimated to be \$23m and construction is scheduled to be complete this fall.

## Georgia Transmission suspends East Walton to Rockville line

*Carl Dombek*

**Georgia Transmission Corp.** (GTC) has suspended indefinitely the development of its 500-kV **East Walton to Rockville** transmission project due to stagnant load growth in the area caused by the downturn in the economy.

As originally planned, the 46-mile, \$85.9m project would have run from the East Walton, Ga., substation to a new Rockville substation. Construction had been scheduled to begin in 2012, with completion in mid-2015.

However, in March 2012 GTC delayed the start of construction to give participants the opportunity to reevaluate the need for the project, in part because the area's power needs were growing more slowly than originally forecast.

Now, the company said, the load growth has virtually stalled out due to a lackluster economy, so it has reclassified the project as an "advance land purchase" rather than a transmission line project.

"We do know that, at some point, we're going to need a line in this area," a GTC spokesperson told *TransmissionHub* on March 6. Accordingly, the company will complete the acquisition of the last two easements necessary for the project, but will not move forward with the project itself in the foreseeable future.

"Because we were so far into purchasing these easements, it made sense to go ahead and at least complete that part of the process so we'll have the land when we need it, but we won't go any further than that at this time," the spokesperson said.

GTC is a not-for-profit cooperative owned by 39 of the state's 42 electric membership cooperatives and provides electric transmission for those co-ops.

While current conditions are not favorable, the company will continue to evaluate conditions and revisit the project plans as necessary.

### RELATED PROJECTS:

[East Walton to Rockville 500 kV](#)

### RELATED NEWS:

[Slow load growth causes delay in northeast Georgia line upgrade](#)

The developer will complete the purchase of the easements for the 46-mile line, which it says will be needed at some point, but has suspended the other activities associated with the project.

"We plan on a 10-year window and ... it's an ongoing process," the spokesperson said. "Planners are continually monitoring the grid and looking at the population projections, the economic indicators, and many other factors, and you just don't know when it might come back."

The project was planned as part of a series of projects referred to as the northeast grid upgrades, a group of projects in six northeast Georgia counties and described by GTC as the largest system upgrade in 30 years.

## EEI: Total transmission investment in 2011 reached \$11.1bn

*Corina Rivera-Linares*

Edison Electric Institute (EEI) members' investment in transmission in 2011 totaled \$11.1bn – in real 2011 dollars – and they will continue to increase their year-over-year transmission investment through 2013, when peak annual total investment may reach about \$15.1bn, in real 2011 dollars, according to a new EEI report.

The report, *Transmission Projects: At A Glance, March 2013*, is the seventh annual publication of EEI's *Transmission Projects: At A Glance* report and showcases a cross-section of more than 150 major transmission projects that EEI's members completed in 2012, as well as have planned for the next ten years, EEI added on March 4.

These projects, which represent a portion of the total transmission investment that EEI's members anticipate through 2023, total about \$51.1bn in nominal dollars.

EEI also said that according to the report, of the total \$51.1bn worth of transmission projects highlighted, \$26.5bn, or 52%, are for large, interstate transmission projects spanning multiple states; \$38.7bn, or 76%, for projects supporting the integration of renewable resources; and \$29.1bn, or 57% for projects where EEI member companies are collaborating with other utilities, including non-EEI members, to develop the project.

Projects may fall into more than one category, EEI noted.

According to the report, the \$51.1bn figure is down from the approximately \$64bn highlighted in the 2012 report due to changing projections of system needs.

### RELATED PROJECTS:

[Bemidji-Grand Rapids 230-kV Project](#)

[Spearville to Post Rock \(KETA Project Phase I\)](#)

[Pioneer Project](#)

[Reliability Inter-Regional Transmission Extension Line Project \(RITELine\)](#)

[Badger Coulee Transmission Line Project](#)

[Great Plains \(Kansas V-Plan\)](#)

[Northeast Energy Link](#)

[Northern Pass Transmission Project](#)

[Greater Springfield Reliability Project](#)

[Lower SEMA Project](#)

[Tehachapi Renewable Transmission Project](#)

### RELATED DOCUMENTS:

[EEI report March 2013.pdf](#)

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[EEI: Member utilities plan to spend at least \\$64bn on transmission through 2022](#)

[California regulators approve SCE cost recovery prior to Tehachapi undergrounding](#)

EEI said it forecasts a decrease in transmission investment after 2013, in part because several major projects have been modified, delayed or canceled. Such project adjustments are mainly due to load growth forecast revisions in response to the current economic environment, as well as long-term growth rates due to increases in demand side management and energy efficiency. Yet, EEI said it expects investments by its members in 2014 and 2015 to be higher than in 2011.

EEI highlighted projects completed in 2012, including **Consolidated Edison's** (NYSE:ED) Astoria 345-kV – 138-kV Connection (Phase 1) in the New York ISO; **Pepco Holdings'** (NYSE:POM) Benning Transmission Project in PJM Interconnection; the CapX2020 Bemidji – Grand Rapids 230-kV line in the Midwest ISO; and the KETA Project (Phase 1) in the Southwest Power Pool.

The report also included information on various projects developed by such companies as **American Electric Power** (NYSE:AEP), which has invested about \$4bn in transmission from 2002 to 2011.

AEP and **Duke Energy** (NYSE:DUK), for instance, formed the joint venture, Pioneer Transmission, to build an estimated \$950m project that consists of about 240 miles of new 765-kV line linking Duke's Greentown station near Kokomo, Ind., to AEP's Rockport station near Evansville, Ind.

From the Greentown station, the line runs west to a new 765-kV substation – Reynolds – just north of Lafayette, Ind., before extending southwest to AEP's Sullivan station and further south to AEP's Rockport station. The anticipated in-service date for the Greentown to Reynolds segment is 2018, EEI added.

Another project highlighted, by AEP, **Exelon's** (NYSE:EXC) **Exelon Transmission** and **Commonwealth Edison**, is the approximately 420-mile, 765-kV, approximately \$1.6bn RITELine Transmission project, which will start at the proposed Blue Creek substation on the Indiana/Ohio border, run west through Indiana to Kewanee, Ill., and then north to Byron, Ill. There is also a segment in Illinois from Kewanee to Exelon's Collins substation, EEI said.

PJM is evaluating the project, which is expected to be placed in service in phases from 2018 to 2020.

Also included in the report is **American Transmission Company's** (ATC) Badger Coulee project, which consists of about 150 miles of new single-circuit, 345-kV transmission line from La Crosse into the greater Madison area of Wisconsin. The project costs about \$470m to \$500m, depending on

the ordered route. EEI also noted that if approved by state regulators, construction would begin in 2016 to meet an in-service date of 2018.

As noted, construction of phase one of Consolidated Edison's Astoria 345-kV – 138-kV Connection was completed and the line became operational in June 2012. The second phase is on schedule to be complete by this summer.

EEI noted that the project consists of a new partially overhead/partially underground feeder that supplies power from the gas insulated 345-kV Astoria Annex transmission substation to the 138-kV Astoria East substation, as well as a new step-down 345/138-kV autotransformer and a 138-kV phase angle regulator.

The report also included **Duke-American Transmission Co.'s** (DATC) approximately \$238m Midwest Portfolio Phase 1, which consists of 60 miles of 345-kV transmission lines, 35 miles of double-circuit 230-kV lines and 33 miles of 138-kV lines, and will span from northwest to west-central Indiana from a new tap substation in Illinois to the Qualitech and Royalton substations northwest of Indianapolis. The project's anticipated in-service date is 2017.

EEI also said that the Kansas V-Plan project by **ITC Great Plains**, a subsidiary of **ITC Grid Development**, is projected to be in service by late 2014. The project consists of about 200 miles of new double-circuit, 345-kV transmission lines designed to connect central and western Kansas. It costs about \$300m for ITC Great Plains' portion. ITC Grid Development is a wholly owned subsidiary of **ITC Holdings** (NYSE:ITC).

**National Grid plc** subsidiary **National Grid USA's** estimated \$2bn Northeast Energy Link has an estimated in-service date of late 2018. The project, of which Bangor Hydro Electric is an investment partner, consists of about 230 miles of new 1,100 MW HVDC transmission line from Orrington, Maine, to eastern Massachusetts.

Another project highlighted is **Northeast Utilities'** (NYSE:NU) Northern Pass, which has a target in-service date for late 2016 or early 2017. EEI added that the project consists of about 140 miles of new 300-kV HVDC transmission line and an associated 40-mile radial 345-kV line that will interconnect Quebec with the bulk power system in New Hampshire for the purpose of importing 1,200 MW of low-carbon emissions power into New England.

The estimated capital cost for the U.S. portion of the line is about \$1.1bn.

EEI also said that the company's estimated \$718m Greater Springfield Reliability Project, which is expected to be in service this year. The project consists of about 35 miles of new single and double-circuit 345-kV lines in Connecticut and Massachusetts, and 60 circuit miles of new and reconstructed single and double-circuit, 115-kV overhead lines in Massachusetts. **UIL Holdings'** (NYSE:UIL) **United Illuminating** is investing about 8.4% of the cost of the project's Connecticut portion.

The company's estimated \$110m Lower SEMA Transmission Project is expected to be complete in September. The project addresses system reliability concerns in the lower southeastern Massachusetts area, which includes Cape Cod, and consists of an approximately 18-mile, new 345-kV line on existing rights of way from the Carver substation crossing the Cape Cod Canal to a new 345/115-kV substation west of Barnstable on Cape Cod, EEI added.

Among other projects, EEI noted that the forecast in-service dates for Segments 3b-11 of **Southern California Edison's** (SCE) approximately \$2.5bn Tehachapi Renewable Transmission Project range from 2013 through 2015.

The project is an 11-segment project consisting of new and upgraded 220-kV and 500-kV lines and associated substations built mainly to help the development of renewable energy generation projects in remote areas of eastern Kern County, Calif.

California state regulators on Feb. 28 granted SCE, a subsidiary of **Edison International** (NYSE:EIX), permission to move forward with preconstruction activities associated with the potential undergrounding of a portion of the project and to recover the costs associated with those activities.

"Continued investment in transmission infrastructure will be required to, among other things, maintain reliability and support shifts in the nation's generation portfolio," EEI said in the report, adding that effective policies for planning and siting, cost allocation and cost recovery are key to achieve the needed levels of transmission investments.

Moving forward, FERC should balance the need to promote investment in long-term infrastructure assets with the short-term, cyclical movements in the capital markets in order to ensure sufficient access to capital to build needed transmission projects, EEI said.

## Numerous planned transmission projects facing delays

*(continued from first page)* Despite the delay or cancellation of these and other projects, the outlook for the transmission segment of the industry remain positive. According to *TransmissionHub* data, [120 transmission projects, comprising 5,426 line miles, are expected to come online in 2013.](#)

### CHANGED NEED

**Cascade Crossing.** Construction of the Cascade Crossing transmission project, which is being scaled back under a memorandum of understanding (MOU) signed by the **Bonneville Power Administration** (BPA) and **Portland General Electric** (NYSE:POR; PGE), will begin at least three years later than originally planned. PGE executives made the announcement during the company's 4Q12 earnings call, confirming a prediction made during the company's 3Q12 earnings call in November 2012. At that time, the company cited delays in the ongoing permitting process for the line. The project is being scaled back due to a reduction in the projected need for additional transmission capacity.

**East Walton to Rockville.** **Georgia Transmission Corp.** [delayed indefinitely](#) the development of its 500-kV East Walton to Rockville 500-kV line due to stagnant load growth in the area caused by the downturn in the economy.

**Sun Valley to Morgan.** **Arizona Public Service** (APS) [extended from 2016 to 2018](#) the in-service date for its proposed 38-mile, 500-kV Sun Valley to Morgan transmission project west of Phoenix, Ariz. Projected growth in the area that would be served by the line has slowed down since the project was proposed, an APS spokesperson told *TransmissionHub*. APS is the principal subsidiary of **Pinnacle West Capital Corp.** (NYSE: PNW).

**NV Energy** dropped plans to build four transmission projects designed to move renewable energy for export to California and the Desert Southwest because of a lack of interest from renewable developers. Those included the **RTI Dixie-Oreana** project, a double-circuit 41-mile, 345-kV transmission line; the **RTI Tracy-Viewland** project, a 79-mile, 345-kV transmission line; the **RTI Westside Tie**, a 141-mile, 345-kV line; and the **RTI Zone 4 to Harry Allen** project, a 40-mile, 500-kV project.

**Tallgrass Project.** The 170-mile, 765-kV project proposed by **Tallgrass Transmission**, a joint venture of **Oklahoma Gas & Electric** (OG&E) and **Electric Transmission America** (ETA), the joint venture between **American Electric Power** (NYSE:AEP)

### RELATED PROJECTS:

[Cascade Crossing Project](#)

[East Walton to Rockville 500 kV](#)

[Sun Valley to Morgan Project](#)

[RTI Dixie-Oreana](#)

[RTI Tracy-Viewland 345 kV](#)

[RTI Westside Tie 345 kV](#)

[RTI Zone 4 to Harry Allen](#)

[Tallgrass Project](#)

[I-5 Corridor Reinforcement Project](#)

[Southline Afton-Apache](#)

[Southline Apache-Saguaro](#)

[Zephyr Power Transmission Project](#)

[Gateway West Project–Jim Bridger to Southeast Idaho \(Segment 1B\)](#)

[Gateway West Project–Midpoint to Hemingway \(Segment E\)](#)

[Gateway West Project–Southeast Idaho to South Central Idaho \(Segment 1C\)](#)

[Gateway West Project–Windstar to Jim Bridger \(Segment 1A\)](#)

[Boardman to Hemingway](#)

[Gateway South Project–Aeolus to Mona \(Segment F\)](#)

[Gateway South Project–Mona to Crystal](#)

[TransWest Express Project](#)

and **MidAmerican Energy Holdings**, was suspended when AEP and MidAmerican announced in December 2012 that ETA would not develop any new projects. OG&E elected not to move forward with the project on its own.

## EIS DELAYS

**I-5 Corridor Reinforcement Project.** BPA [extended the comment period](#) for the draft EIS on the I-5 corridor reinforcement project to March 25 to provide additional time for interested parties to submit comments. The extension adds 24 days to the original 108-day comment period that BPA opened Nov. 14, 2012. The National Environmental Policy Act (NEPA) requires a comment period of at least 45 days following release of a draft EIS.

**Southline project.** The draft EIS for the Southline transmission project planned for southern New Mexico and Arizona has been [delayed until at least October 2013](#). A BLM official says it has taken more time to compile the data and entertain alternatives than previously anticipated.

**Zephyr. Duke-ATC (DATC)**, the joint venture of **Duke Energy** (NYSE:DUK) and **American Transmission Company** that purchased the Zephyr project in 2011 from its original owner, **TransCanada Energy**, [will announce its preferred route](#) when it releases its draft EIS in late March. While TransCanada had announced a preferred route, DATC chose to do its own analysis before announcing its preference, resulting in a slight delay in the project. The company hopes to begin construction on the line some time in 2016, with an in-service date of 2020.

## WILDLIFE AND THE ENVIRONMENT

**Gateway West.** The U.S. Bureau of Land Management (BLM) put what is being described as a "[short hold](#)" on the release of the final environmental impact statement (EIS) for the proposed Gateway West transmission project to discuss additional information that was developed through the final EIS process. The EIS delay is in addition to delays to accommodate concerns for birds and bird habitat, including the Greater Sage Grouse, which was listed as a candidate for the endangered species list by the U.S. Fish & Wildlife Service in 2010, as well as birds of prey, as the project may affect the Snake River Birds of Prey National Conservation Area in southwestern Idaho.

**Boardman-to-Hemingway.** The Boardman-to-Hemingway project is facing delays in part due to environmental considerations. In August 2012, developer **Idaho Power** said the project would not meet the original in-service target date of mid-2016, and that an in-service date prior to 2018 is unlikely.

**Gateway South.** Consisting of two segments, the Mona to Crystal segment of **PacifiCorp's** Gateway South project has been indefinitely postponed but the Aeolus to Mona segment remains a "planned" project and is going through the national environmental policy act (NEPA) process, and anticipates issuing the draft EIS later this year, according to the developer.

**TransWest Express.** The draft EIS for the TransWest Express was [delayed until the spring of 2013](#) so cooperating agencies can identify additional route alternatives that will address potential impacts on sensitive wildlife areas, a BLM spokesperson confirmed to *TransmissionHub*. The draft EIS had previously been anticipated in the fall 2012.



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## BPA seeking research partners to improve grid efficiency

Carl Dombek

The **Bonneville Power Administration** (BPA) is seeking research partners for projects that will help develop new ideas and new technologies that have the potential to improve the operation of the Northwest electric power system, including projects that can improve the transmission portion of the agency's system.

BPA is seeking research partners in conjunction with its fiscal year 2014 technology innovation research and development (R&D) portfolio.

"This is a pretty good cycle of looking at innovative ways to enhance our operations and do things that are cutting-edge, and improve our operation in the process," a BPA spokesperson told *TransmissionHub* on March 7.

The annual update of its R&D portfolio provides a forum for the agency to collaborate with electric utilities, researchers, universities and technology developers throughout the Northwest and across North America in research that addresses technology gaps and supports agency strategic objectives.

The current research portfolio includes 51 projects intended to advance transmission power flow controls, synchrophasor data intelligence, energy efficiency and demand response, over the upcoming 2014 fiscal year. BPA will consider short-term, medium-term, and long-term project proposals for its research portfolio.

"Short-term, medium term, and long-term refer to the amount of time we expect the project to deliver value," the spokesperson said. "Some [projects] we expect to provide results in a year or so, while others may take five to 10 years to yield benefits or value."

Many of the agency's previous partnerships have focused on initiatives such as advancing energy efficiency technologies and expanding the capability of BPA and other grid operators to balance variable energy resources. Some examples include development of a demand response market for Northwest commercial and industrial customers, reservoir modeling for management of hydropower production, and studying the vulnerability of substation equipment in the event of an earthquake.

### RELATED NEWS:

**DOE names Bill Drummond new BPA administrator**

The Bonneville Power Administration is seeking research partners to collaborate on projects that address technology gaps and support agency objectives to help improve the operation of the power grid in the Pacific Northwest.

Funding for the new research will total between \$3m and \$3.5m and will be applied to projects ranging from \$50,000 to \$500,000 in total cost. Research partners must be prepared to foot a portion of the bill, as the money will be used to reimburse the selected partners up to 50% of actual costs incurred as part of the project.

The provision of partial funding coupled with its screening process helps ensure that BPA is not funding duplicative research, and helps ensure that the right investments are being made, the agency said.

BPA's Technology Innovation Office will accept proposals for its 2014 research and development portfolio until March 29. The first phase of the two-phase process includes the submission of a concept paper, as well as information about the qualifications of the individual or team submitting the concept.

Those who qualify will be invited to develop their proposal for phase two, which will involve a full application. Decisions on funding will be made following the application process.

BPA will accept proposals and applications from BPA employees as well as from applicants not employed by the agency. More information is available at <https://bpa-exchange.energy.gov/#FoaId8fcc37f5-c000-41d2-9d02-211675c66e9e>.

## ITC spells out benefits of Entergy transaction to Louisiana operating companies

*Rosy Lum*

**Entergy Louisiana** and **Entergy Gulf States Louisiana** could see transmission spending increase by 25% and 39%, respectively, over the next seven years, according to an **ITC Holdings'** (NYSE:ITC) March 6 investor presentation on its acquisition of **Entergy's** (NYSE:ETR) transmission business.

The absence of those investments would give Entergy at the parent level more financial flexibility for the 2014-2018 period, decreasing its utility debt obligations by \$2.8bn from about \$10bn, and increasing operating cash flow (minus cash construction expenditures) by about 18%. ITC expects its proposed acquisition of Entergy's transmission business to close by the end of 2013, with [state](#) and [federal](#) regulatory approvals expected in late summer and early fall.

### RELATED PROJECTS:

[Hazleton to Salem](#)

### RELATED DOCUMENTS:

[ITC presentation to ELL, EGSL, 3-6-13.pdf](#)

### RELATED NEWS:

[CEO: FERC likely to reach decision on ITC/Entergy transaction in early summer](#)

[Entergy Texas, ITC file for transmission spinoff approval with PUCT](#)

[ITC Great Plains homes in on 3 SPP states for transmission investment-president](#)

[ITC, Entergy Arkansas file for regulatory approval in Missouri](#)

For the same five-year period, Entergy Louisiana would see debt obligations decrease by \$576m from about \$3bn, and cash flow increase by 3%; and Entergy Gulf States Louisiana would see debt obligations decrease by \$359m from about \$1.5bn, and cash flow increase by 10%.

The merger between Entergy's transmission business and ITC would result in debt financing cost savings for the new ITC operating companies of \$125m to \$156m from 2014 to 2018, the company said.

For Entergy Louisiana, transmission capital could total about \$650m for the 2012-2018 period, representing an increase of 25% over the next seven years. Entergy Louisiana invested an average of \$35m per year in transmission over the 1999-2004 period, or \$209m; an average of \$74m per year over the 2005-2011 period, or \$521m; and is projected to spend an average of \$93m per year over the 2012-2018 period, based on the company's base capital plan as of August 2012.

Entergy Gulf States Louisiana's investment in transmission could total \$545m over the 2012-2018 period, increasing 39% from an annual average of \$56m for the 2005-2011 years to an average of \$78m per year for the 2012-2018 period.

"Post-close, [Entergy Louisiana] and [Entergy Gulf States Louisiana] would be better positioned to attract capital separately to finance needed investments in generation and distribution at lower costs and to manage future uncertainty regarding event risk (e.g., new regulatory requirements or major storms)," ITC said in the presentation.

Entergy Louisiana and Entergy Gulf States Louisiana face long-term generation supply shortages, which will demand capital investment. By 2021, Entergy Gulf States Louisiana is expected to be short 1.3 GW in generation capacity. Resource needs for both Entergy Louisiana and Entergy Gulf States Louisiana could range from \$2.4bn to \$6.1bn over the 20-year planning period, ITC said, noting that the range reflects uncertainty regarding load growth, cost of new capacity and the ability to maintain sustainability spending.

"[The] transaction strengthens balance sheets for [Entergy Louisiana] and [Entergy Gulf States Louisiana] by reducing debt and improving cash positions, which would allow [Entergy Louisiana] and [Entergy Gulf States Louisiana] – jointly or separately – to fund more resource acquisitions at lower cost," ITC said.

Furthermore, with its higher credit quality and transmission focus, ITC will be able to build out new transmission that keeps pace with Entergy Louisiana's and Entergy Gulf States Louisiana's future generation needs, the company said.

ITC noted that the subsidiaries operating in the Midwest ISO have higher credit quality than Entergy Louisiana or Entergy Gulf States Louisiana, and said it expected its new operating companies to have equivalent ratings. Given the need for capital for transmission investment, higher ratings would improve access to lower cost of capital.

### ITC touts track record

With the exception of **ITC Great Plains**, which is a [green-field](#) operating company, ITC Holdings has expanded primarily through acquisitions.

The company has invested about \$1.1bn in the **ITC Midwest** system, which the company acquired from **Alliant Energy** (NYSE:LNT) subsidiary **Interstate Power and Light** in 2007, ITC said. Since then, it has built 26 new substations, completed 32 major substation upgrades or expansions, built nearly 26 miles of new line, rebuilt nearly 400 miles of existing line and added four and replaced three major transformers, the company said in the presentation.

One of ITC Midwest's key projects, the 81-mile, 345-kV [Hazleton to Salem](#) line, is expected to be complete this year.

### Transaction details

ITC and Entergy on Dec. 5, 2011, [announced](#) that ITC would acquire Entergy's transmission business in a reverse Morris trust transaction. The transaction will add 28,000 MW of load to its existing 26,000 MW, making it the largest load-serving transmission company in the United States, and add 15,700 miles to its 15,100 miles of transmission lines, making it the second largest transmission company on a miles-served basis, ITC chairman, president and CEO Joe Welch said.

The terms of the transaction agreement calls for Entergy to divest its electric transmission business to a newly formed entity, Mid South TransCo, and distribute this newly formed entity to its shareholders in the form of a tax-free spin-off. Mid South TransCo will then merge with and into a newly created merger subsidiary of ITC in an all-stock, reverse Morris trust transaction.

Prior to the merger, ITC expects to effectuate a \$700m recapitalization, currently anticipated to take the form of a one-time special dividend to its shareholders. The merger will result in shareholders of Entergy receiving 50.1% of the shares of pro forma ITC in exchange for their shares of Mid South TransCo, with existing shareholders of ITC owning the remaining 49.9% of the combined company.

## New York City to study feasibility of placing above-ground power lines underground

*Corina Rivera-Linares*

New York City Mayor Michael Bloomberg has signed legislation calling for a report that studies weather-related outages of above-ground and below-ground power lines, and their associated costs.

The report, which will also include recommendations of where it may be practical to consider relocating above ground power lines to underground locations, is to be commissioned by the Mayor's Office of Long-term Planning and Sustainability, the Feb. 25 statement from the mayor's office added.

The major storm that most recently hit the city was Hurricane Sandy, which made landfall near Atlantic City, N.J., as a post-tropical cyclone in October 2012, and left millions without power on the East Coast.

According to the legislation's fiscal impact statement, the study should include, disaggregated by borough, and by community district or other areas as defined by the office, the total number of power outages resulting from a failure of all infrastructure servicing a customer that were directly caused by damage resulting from weather events for the past five years, including damage resulting from trees and wires downed by wind, snow or ice; heat; cold; rain; and flooding.

The study should also include the estimated per mile cost of undergrounding power lines within the city, including a breakdown of the costs for labor and materials, and the variables, including population density, that would affect the final cost of undergrounding.

Among other things, the study should also include a list of neighborhoods or service areas where relocating above ground power lines to underground locations would not be practical or would result in more severe power outages and the considerations that went into such determination; and a list of neighborhoods or service areas where relocating above ground power lines to underground locations would be most advantageous and the considerations that went into such determination.

"Thousands of residents were out of power for weeks after Superstorm Sandy," Council Member Leroy Comrie Jr., said, according to the transcript of a Feb. 6 City Council meeting. "It was an unacceptable situation that can be avoided in the future for moving power lines underground. The study that this legislation mandates will give us a better understanding of

### RELATED DOCUMENTS:

[Fiscal impact statement of NYC legislation.doc](#)

[Transcript of NYC City Council meeting 2.6.13.pdf](#)

### RELATED NEWS:

[Northeast battles first major storm, outages of 2013](#)

[New York Gov. Cuomo calls for 'fundamental redesign' of electric power grid](#)

[Post-Sandy, ConEd evaluates undergrounding entire distribution network](#)

[National Grid: Storm's devastation highlights need for infrastructure investment](#)

where power lines can be and need to be moved underground to help prevent people from losing power when future storms hit our shores.”

Council Member Daniel Garodnick said the legislation is an appropriate and proactive measure given the storm’s “devastating impacts.”

He said, “Two weeks after Sandy swept over our city, New Yorkers filed more than 15,000 requests to deal with downed trees and some of those requests actually came in following the nor’easter that hit our area 10 days after Sandy, and ... a strong wind can have the same effect, and it reminds us that a storm of Sandy’s magnitude isn’t necessary to topple trees onto power lines.”

## Maryland utilities to improve resiliency, reliability of electric utility distribution infrastructure

*Corina Rivera-Linares*

Maryland state regulators are calling for utility companies to improve the resiliency and reliability of the electric utility distribution infrastructure in the state, in light of the outages endured after the June 29, 2012, derecho storm.

The storm interrupted electrical service to a significant portion of the state, causing some outages to last more than eight days, according to the state Public Service Commission’s (PSC) Feb. 27 order.

In a Feb. 27 statement, the PSC said at the storm’s peak, about 992,000 customers across Maryland experienced outages, adding that fallen trees or limbs interfered with overhead distribution lines and accounted for about 32 million hours of service interruption.

**Pepco Holdings** (NYSE:POM) subsidiary **Potomac Electric Power Company** (Pepco), **Exelon** (NYSE:EXC) subsidiary **Baltimore Gas and Electric** (BGE) and **Southern Maryland Electric Cooperative** (SMECO) experienced the greatest percentages of customers affected at the peak at 77%, 35% and 37%, respectively.

### RELATED DOCUMENTS:

[Maryland PSC PR 2.27.13.pdf](#)

[MD PSC order on 2012 derecho storm.pdf](#)

### RELATED NEWS:

[Pepco CEO: Nearly \\$1.2bn invested in transmission, distribution infrastructure in 2012](#)

[Maryland agencies to look into strengthening state’s electric distribution system](#)

The average duration of a customer service interruption for Pepco was 26 hours. BGE's average customer outage duration was nearly one day longer than Pepco's, and SMECO's average customer outage duration was 14.5 hours, the PSC said.

"The stress of living without electricity was worsened by the extreme heat in the days following the derecho when the loss of air conditioning caused many to suffer greatly, especially the elderly and those with special medical conditions," the PSC said in its order.

Two things were immediately evident, the PSC said: one, that the electric utility distribution infrastructure in the state, built up over the previous 100 years, is not resilient enough to withstand unscathed a storm the magnitude of the derecho; and two, a public increasingly dependent on electricity to meet their daily needs is not satisfied with the current infrastructure's vulnerability.

The PSC directed BGE, Pepco Holdings' subsidiaries **Delmarva Power and Light** and Pepco; **Potomac Edison**; SMECO; and **Choptank Electric Cooperative** to take certain actions now, propose shorter term plans to improve their systems' reliability further, undertake detailed studies regarding their infrastructure and systems, and conduct cost/benefit analyses of plans for more major transformations of Maryland's electric infrastructure into the future.

Nothing in the companies' general preparedness or specific response to the derecho gives rise by itself to violations of state regulations that justifies further proceedings to consider civil penalties, the PSC said.

The companies will file annual performance reports by April 1, that will include, among other things, service restoration requirement information and results for the entire year.

Based on its review of those reports, the PSC will determine whether further action is justified based on the companies' overall reliability performance for the year and, if appropriate, impose civil penalties.

The PSC also said a significant and unsatisfactory disconnect exists between the public's expectations of distribution system reliability – and restoration efforts resulting from major outage events – and the ability of the present-day electric distribution systems to meet those expectations. Some of the companies are studying selective hardening of their systems and at least one of them continues to perform limited undergrounding of distribution lines in locations where feasible.

However, the PSC added, the companies should make a number of further improvements in the shorter term to improve reliability and conduct a comprehensive study of long-term improvements to improve reliability to an even greater extent.

The companies are to file, by May 31, plans outlining measures that could be completed in the next five years to accelerate reliability improvements to its distribution system, along with a cost/benefit analysis for each measure.

For the longer term, the PSC added, each company is to undertake more detailed studies that will serve as a platform for further proceedings to consider the appropriate standards for distribution system resistance and resilience.

By Aug. 30, the companies are to submit comprehensive studies of their respective distribution systems to determine what infrastructure or operational investments would be needed in order to reduce the number and duration of service interruptions after a major outage event to much lower levels and to determine the costs, economic and environmental, of achieving a system that is sufficiently durable and resilient.

Each company is to assess how and in what locations, and what elements of its system may need to be enhanced or hardened to result in restoration of service following a major outage event within a specified time frame to at least 95% of its customers, even for storms in which the total number of sustained interruptions is greater than 400,000 or 40% of the company's total number of customers.

The PSC also said that the reports should include a comprehensive cost-benefit analysis that weighs the costs of improving the distribution system to the different levels of resilience against the costs to customers and the state.

The frequency of major outage events and their impacts on customers require that a certain level of major outage event data should be included in the system-average interruption duration index (SAIDI) and system-average interruption frequency index (SAIFI) service quality and reliability standards.

The PSC also said that each company is to perform a three-part analysis of its distribution system staffing, that is, a historical analysis, a detailed analysis of personnel dispatched during the derecho and an assessment of its major outage event preparedness, based on current staffing levels.

Each company is to determine the number and qualifications of personnel that are required to restore service within a specified time frame to at least 95% of its customers, even after

storms in which the total number of sustained interruptions is greater than 400,000 or 40% of the company's total number of customers, after taking into account the impact of full implementation of advanced metering infrastructure, for instance.

The PSC also said the companies are to submit, by March 29, a report on any improvements made to communications systems since the derecho and to submit, by May 31, a report on any further improvements planned and a timetable for completing such improvements.

Communication associated with special medical needs customers was inadequate following the derecho, the PSC said, adding that each company is to participate in work group sessions with PSC staff to gather from the appropriate state and local officials and emergency responders the information they need, among other things.

Staff is to prepare a report containing its findings and recommendations from those sessions.

Additionally, the PSC said that customers need to be able to more effectively plan their actions during outage events and the estimated times of restoration provided by the companies remain inadequate. Among other things, PSC said its staff is to draft proposed regulations to establish objective standards for estimated times of restoration.

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## Minnesota PUC looks at appointing power advisory committee

*Barry Cassell*

The Minnesota Public Utilities Commission will be looking at its March 14 meeting at the issue of whether to appoint an advisory committee to help it with siting approvals for large power plants and high-voltage transmission lines.

In 2005, the state Legislature transferred authority for the siting and routing of large electric generating plants and high-voltage transmission lines from the Environmental Quality Board to the commission. Since that time, the commission's experience in overseeing both the certificate of need process as well as the siting and routing process has led to the need for rule changes to clarify and improve existing rule procedures, said commission staff in a March 5 briefing memo.

### RELATED DOCUMENTS:

[MPUC March 5 Siting Memo.pdf](#)

The commission directed staff to open a rulemaking to consider amending the rules governing certificates of need and site and route permits for large electric generating facilities and high-voltage transmission lines. In December 2012, the commission requested comments on amending the rules and asking that persons interested in serving on an advisory committee make a request to do so in their comments. The commission received a broad range of comments on the rulemaking, as well as thirteen requests to serve on the advisory committee.

Among the responding parties:

- No CapX 2020 and United Citizens Action Network (U-CAN) filed comments on the possible rule amendments and made a request to serve on the advisory committee. The comments addressed a range of issues, with an emphasis on strengthening notice requirements, citizen participation, advisory task force structure and environmental review.
- **Xcel Energy** (NYSE: XEL), which operates in Minnesota through **Northern States Power**, supported the commission's rulemaking objectives and requested that two representatives of Xcel, one with a background in power supply planning and one with a background in environmental analysis, serve on the advisory committee.
- **ITC Midwest LLC**, an independent transmission company, filed comments recommending that the rules be amended to describe the role of regional transmission organizations such as the **Midwest ISO** in both transmission planning and construction. ITC Midwest also recommended changing the certificate of need rules' exemption request process by amending the application content requirements to avoid unnecessary exemption requests. ITC Midwest also requested to serve on the advisory committee.
- The Minnesota Wind Coalition, representing four wind developers, recommended rule changes to reflect the role of independent power producers in developing and operating Minnesota's transmission and generation facilities. The coalition recommended other changes, including clarifications to the procedures used for non-contested cases, as well as changes to the notice plan review process. The coalition also requested to serve on the committee.
- **Great River Energy** and **Minnesota Power** recommended changes to improve the exemption request process, to increase consistency in notice requirements, to resolve timing conflicts, and to clarify the process for

holding joint hearings on both the certificate of need application and the site or route permit application. Great River Energy and Minnesota Power requested a representative to serve on the committee.

- **Dairyland Power Cooperative, Minnkota Power Cooperative, Missouri River Energy Services, Otter Tail Power, Rochester Public Utilities and Southern Minnesota Municipal Power Agency** own generating facilities and high-voltage lines in Minnesota. They jointly filed comments addressing a number of issues and recommending changes to the notice plan requirements, the certificate of need exemption request process, and environmental review. They also recommended better use of joint proceedings for reviewing certificate of need and site or route permit applications. They recommended improving the permit modification process, particularly to avoid multiple commission proceedings for changes in route alignments. In addition, they recommended clarifying the types of projects requiring a certificate of need and outlining steps for certifying projects under the biennial transmission projects report process. These utilities requested having at least one representative serve on the committee.

Based on the number of requests to serve on the advisory committee and the scope of comments received, commission staff said in the briefing memo that it recommends that the commission convene an advisory committee and appoint those who have requested to serve. With these intervenor comments in mind, staff said it will prepare a working rules draft for discussion at a first advisory committee meeting.

## Different rules, approaches make transmission development smoother north of the border

*Carl Dombek*

Differences in the approaches to transmission development in the United States and Canada can result in smoother transmission development in Canada than in the United States, and one industry expert says the U.S. system needs to be updated to meet the changed climate for transmission development.

As the processes exist today, there are many parallels between the protocols followed north and south of the border. In both jurisdictions, transmission planning is often done by a regional transmission organization (RTO) or similar body, or by individual

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[Heartland Substation and Transmission Line Development](#)

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states or provinces in areas that do not have such organizations. There are, however, differences from province to province and state to state.

For example, in the province of Ontario, power is controlled the **Independent Electric System Operator** (IESO), but the organization's responsibility for planning and system adequacy is limited to the coming 18 months. Longer-term needs in Ontario are assessed and evaluated by the **Ontario Power Authority** (OPA), which is responsible for ensuring an adequate, long-term supply of electricity in Ontario, including both generation and transmission.

In the United States, similar organizations, including **PJM Interconnection** (PJM), the **Midwest ISO** (MISO), **Southwest Power Pool** (SPP) and others, conduct regional planning, though project approval remains a matter for the states. That is also the case in Canada, where energy is primarily a provincial responsibility.

"There is an oversight body called the National Energy Board that will cover inter-provincial and international power lines, but the siting often is down to the provincial or territorial jurisdiction," a spokesperson for the IESO told *TransmissionHub*, noting "There's not as much federal involvement as there is in the States."

### Legislation and politics

While federal involvement in the United States includes oversight from FERC and the U.S. Department of Energy (DOE), the federal government's authority does not extend to the siting of transmission, despite attempts to give federal agencies greater control over that function, particularly in cases of interstate transmission.

The Energy Policy Act of 2005 (EPA05) declared that it is national policy "to enhance and, to the extent possible, increase the coordination and communication among federal agencies with authority to site electric transmission facilities." According to the Department of Energy's web page on the legislation, EPA05 reinforced previous policies set forth in Executive Order 13212, "Actions to expedite energy-related projects," signed May 18, 2001, by then-President George W. Bush.

EPA05 added Section 216 to the Federal Power Act (FPA), which, among other things, gave DOE the authority to designate areas with electric transmission constraints affecting consumers as "national interest electric transmission corridors" (NIETCs). Section 216 also gave FERC backstop siting authority

for transmission projects located within a NIETC in cases where a state regulatory commission withheld approval for more than one year.

Actions taken by both DOE and FERC shortly after the law was passed would show how tenuous their newly granted authorities were. On Nov. 16, 2006, FERC issued a final rule that codified what it saw as its new authority granted under EPAct05. In its final rule, the commission interpreted the phrase "withheld" to include a state commission's denial of a permit within the one-year statutory time frame.

In response to its mandate under the new law, DOE undertook a congestion study and, on Oct. 2, 2007, issued an order designating two NIETCs to expedite the siting of transmission to relieve the identified congestion. Two corridors were designated: one in the mid-Atlantic area and the other in the desert Southwest.

Both FERC's and DOE's actions led to separate litigations that were ultimately decided by branches of the U.S. Court of Appeals.

The first case to be decided was FERC's interpretation of its new backstop authority. On Feb. 18, 2009, the U.S. Court of Appeals for the Fourth Circuit called the agency's "expansive interpretation" of the law incorrect, and ruled that a state's denial of an application was not the same as withholding approval through inaction.

The second case was decided on Feb. 1, 2011, when the U.S. Court of Appeals for the Ninth Circuit ruled that DOE had not consulted with the states prior to issuing the congestion study, and that the failure was prejudicial to the states involved. In its ruling, the court vacated both the congestion study and the designation of NIETCs.

Without NIETCs, FERC's backstop siting authority was rendered moot as well.

That FERC lacks the authority to site interstate electric transmission lines is noteworthy in light of FERC's jurisdiction over the U.S. natural gas industry and its authority over the siting of interstate natural gas pipelines and storage facilities.

In addition to those attempts to give government agencies greater authority over the siting of interstate transmission, the legislation also acknowledged the need for more coordination between government agencies when siting transmission that touched federal lands.

FPA Section 216(h) included language establishing DOE as the lead agency “for purposes of coordinating all applicable federal authorization and related environmental reviews of the [proposed transmission] facility,” and mandated that DOE coordinate all federal authorizations and related environmental reviews needed for siting interstate transmission projects, including National Environmental Policy Act (NEPA) reviews.

The mandates for federal coordination contained in legislation passed under the Republican administration of George W. Bush were advanced by the Democratic administration of Barack Obama, which created the Interagency Rapid Response Team for Transmission (RRTT), a joint effort of nine federal agencies that closely coordinate their review of electric transmission projects. The group is charged with improving the overall quality and timeliness of electric transmission infrastructure permitting, review, and consultation by the federal government on both federal and non-federal lands.

In addition, the RRTT identified seven pilot projects for fast-track treatment that will help increase electric reliability while integrating new renewable energy sources into the grid, and save consumers money, according to the RRTT’s website. The projects cross through 12 states: Arizona, Colorado, Idaho, Minnesota, New Mexico, Nevada, Wyoming, Utah, New Jersey, Pennsylvania, Oregon, and Wisconsin.

### **Citizen involvement**

While similar, the systems in place in the United States and Canada differ in the ability of citizens to influence the transmission siting and development processes, the approaches taken by regulators, and the two countries’ legal systems.

Within the U.S. transmission industry, **American Electric Power’s** (NYSE:AEP) 90-mile, 765-kV Wyoming-to-Jacksons Ferry project, which took 13 years to permit and only three years to build, has been called “the poster child” for a lengthy permitting process.

By comparison, the 41-mile, 500-kV Heartland transmission line being co-developed by **AltaLink** and **EPCOR** was declared “critical transmission infrastructure” by Alberta’s Legislative Assembly in 2005 and started construction in early 2012. Importantly, construction continued even as the line was being contested before the Alberta Court of Appeal.

The different time frames are at least partially the result of an important difference in the legal systems between the U.S. and Canada, which can help inform why many projects are able to progress more rapidly north of the border.

In the United States, “Everybody has the right to put their two cents in,” Roy Palk, former head of the **East Kentucky Power Cooperative**, and senior energy industry advisor for the law firm LeClairRyan, told *TransmissionHub*.

In the province of Alberta, by contrast, intervenors “must meet the test of being directly and adversely impacted” by a proposed project before they are allowed to initiate legal action against a project, a spokesperson for the **Alberta Independent System Operator** (AESO) told *TransmissionHub*. Not that Canadians aren’t encouraged to voice their opinions; however, unlike the United States, litigation cannot be initiated based solely on those opinions.

“Almost anybody can intervene [in the U.S.], and you don’t have to be a member of the utility that’s doing the work,” Palk said. “We have groups that intervene on behalf of a lot of people.”

Accordingly, major transmission developers in the United States have in recent years [began to work more closely than ever](#) before with anyone who expresses an interest in a given project to ensure they are informed, to address their concerns and ideally to preclude any perceived need to resort to the courts.

In large measure, the practice seems to be working. For example, the permitting process for **American Transmission Company’s** (ATC) 220-mile, 345-kV Arrowhead-Weston line took six years and included a great deal of public interaction, but was completed without having to go to court.

“We had active public participation, including organized opposition, during our outreach efforts on the project [but] we did not have any litigation,” an ATC spokesperson told *TransmissionHub*.

ATC’s active interaction with the public apparently forestalled legal action, but how much additional effort did the company expend beyond what was necessary to accomplish that goal? That is difficult to quantify; it would be a Herculean task to estimate how much time might have been saved if, like the Canadian system, the U.S. system restricted litigation to those parties that could demonstrate that they would be directly and adversely impacted by a project.

Another difference is the way development proceeds – or does not proceed – in the face of legal challenges.

For example, the Alberta Utilities Commission (AUC) approved the route for the Heartland transmission project on Nov. 1, 2011. Construction on project began in January 2012 and continued even as the project was being contested before the Alberta Court of Appeal. Neither the AUC nor the court, which acknowledged

that certain issues raised in the appeal “merited the attention of, and a decision from, the court,” ordered the project be halted while the matter was sorted out. The court heard arguments on Oct. 12, 2012 and issued its ruling upholding the AUC’s routing decision on Dec. 17, 2012.

The Tehachapi Renewable Transmission Project (TRTP), being constructed by **Edison International** (NYSE:EIX) subsidiary **Southern California Edison** (SCE), provides an apt comparison.

Like the Heartland project, the TRTP was granted regulatory approval by the California Public Utilities Commission (CPUC), and construction began. However, when the city of Chino Hills, Calif., in May 2011 objected to the line, the CPUC, which had granted the original approval to construct, in November 2011 ordered that construction be halted so it could revisit its own prior approval of the project. A decision on the matter is expected during the summer of 2013 but in the interim, the portion of the project through Chino Hills remains on hold.

In addition, the Canadian judicial system places stricter limits on appeals to the Supreme Court of Canada than exist for appeals to the U.S. Supreme Court.

“There are well-defined tests and hurdles that have to be met in order to succeed in seeking leave [to appeal],” attorney Keith Wilson told *TransmissionHub* following the *Court of Appeal* ruling. To appeal to the Supreme Court of Canada, matters must meet a “national interest test,” whereas cases in the U.S. face no such restriction.

### **Change is needed**

The current process in the United States, developed many years ago under a different political climate and different circumstances within the electric industry, may have outlived its usefulness, according to Palk. The marketplace has changed significantly since FERC issued Order No. 888 in 1996, restructuring the electric industry, and he is concerned that the regulatory model has not kept pace.

“You have interstate processes, you have intrastate processes, that have come into being since the original laws were passed,” Palk said. “The regulatory model and the fact that everyone has the right to oppose whatever they want to may not fit the marketplace.”

In addition, public policy objectives including the establishment of renewable portfolio standards have made more urgent the need to develop transmission. That urgency, however, may be stymied by the system as it exists today.

"My concern is, because you have so many groups that have the [motivation and] the right to intervene in a transmission case, can you meet some of our national objectives," including the need for transmission to bring mandated amounts of renewable energy to market, Palk asked.

In addition, with the interconnected grid, transmission has become a matter of national security, Palk said, and that must also be taken into consideration.

"It's going to boil down some day to the priorities. Is the priority keeping our country safe and secure and having a reliable transmission grid versus protecting the environmental interests?" he asked. "At some point, there has to be a weighing of values."

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## State regulators address extreme weather, FERC Order 1000, 'transmission fatigue'

*Corina Rivera-Linares*

The frequent occurrence of extreme weather events, such as Hurricane Irene in 2011 and Hurricane Sandy in 2012, as well as the threat of cyber terrorism affecting the country's electricity grid should pave the way toward solutions that are "much more than transmission," according to New Jersey Board of Public Utilities Commissioner Jeanne Fox.

"Extreme weather events are happening – we need to start doing things differently, and we are, to a degree, but we have to do it, I think, quickly," Fox said during a Feb. 26 panel discussion at Infocast's 16th Annual Transmission Summit 2013 in Washington, D.C.

She later noted that cyber systems may be attacked, affecting the transmission and distribution systems, as well as major generation facilities, in the near future.

There should be more focus on the distribution level, Fox said, adding that distributed energy resources, combined heat and power, geothermal, renewable energy sources, energy storage and the like, should be part of the conversation when designing new projects.

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Princeton University was able to “island” itself and go off the grid when Hurricane Sandy hit as it has a combined heat and power facility, she said.

“We need to do more and more of that, especially in those necessary facilities,” such as hospitals, so that when those extreme situations occur, “society won’t come to a stand-still because the grid system went down,” Fox said.

Speaking with *TransmissionHub* after the panel discussion, she said: “Transmission isn’t the end-all. We need it in some cases, but we should look first [at]: is there a need for this electricity, are there alternatives? ... [A]nd if not, then you mitigate and lessen the impact. You also want to get more of the smart grid system where more electricity goes through the lines – that technology is there [and] we need to get that around the country.”

During the discussion, she said: “[W]e really need to start looking at transmission as not the solution to our problems. If we only think that way, we have a bigger problem coming up in the not-too-distant future.”

### **‘Transmission fatigue’**

Another panelist, Eric Callisto, commissioner with the Public Service Commission (PSC) of Wisconsin, noted that the state went through a decade of rebuilding and “put more than \$1bn of transmission” into the ground, as well as substantial amounts of money for generation and distribution efforts. However, he said, it may not be enough.

“[W]e are seeing building being proposed for northern Wisconsin and the [Upper Peninsula of Michigan], which is connected to the top of Wisconsin, in ways that are going to have costs allocated to Wisconsin ratepayers,” Callisto said.

That is a challenge for Wisconsin, he said, adding, “There is something of what I’ll characterize broadly, and perhaps unfairly, as transmission fatigue – that’s not just the amount of dollars that we’re seeing, but also the amount of time we’re spending on it.”

Other key issues in the state include seams and siting, Callisto said, noting that with regard to siting, interveners have become more sophisticated and have improved their ability to marshal support and present better cases to the commission.

Things are seemingly a bit slower in Kentucky when it comes to transmission, on the other hand.

Panelist Linda Breathitt, commissioner with the Kentucky PSC, noted that there were expectations during the late 1990s and early 2000s that the merchant activity going on then would explode.

However, the state Legislature created a siting board for merchant activity, she said. "There's not been much activity – there's been one small line built," she said. "We have a lot of ice storms, we have some flooding [and] we had to get more robust in our tree trimming, but we haven't had the kinds of storms, luckily, that [has been] experienced in New Jersey that has caused a lot of hardening on the system."

### **More action at RTO level**

Robert Kenney, commissioner with the Missouri PSC, noted that a lot of the action is taking place at the RTO level. The state participates in two RTOs: the Midwest ISO (MISO) and the Southwest Power Pool (SPP).

"[T]he amount of time and effort and participation that we're all seeing that's required of us to spend is becoming greater and greater," Kenney said, noting that he spent about 40% to 45% of his time in 2011 and 2012 dealing with RTO-related issues. "I think that that's a function of what's going on with the need to build more transmission because of the increased emphasis placed upon RTOs by virtue of [FERC] Order 1000. So, a significant amount of time in 2012 was spent with assisting in shaping what FERC Order 1000 compliance filings would look like, and specifically what the state role would be in participating in transmission planning and cost allocation methodology determination."

Kenney said it is appropriate for states to be heavily involved to the greatest extent possible.

"The challenges that we face in doing that are, as other commissioners have indicated, lack of resources," he said. "So, it becomes difficult for us to be able to devote the amount of time and attention and resources that we need to at the regional state committee level, and then still do our day jobs."

For state commissioners, the challenge is to continue to, as directed by their state constitutions or statutes, be concerned about their retail ratepayers, while having a broad enough mind to recognize the regional issues that must be dealt with as well.

Callisto said it is incumbent upon the regulator to figure out a way to get comfortable with the fact that ratepayers are, for instance, going to pay for lines outside of the state.

"[W]hat OMS has tried to do ... on the planning piece for Order 1000 is to figure out what the right role is ... for regulators in the planning process because we're not ... desirous of challenging things after the fact," he said.

It is key to get the state regulators involved early and often in the planning process so that they are comfortable with the cost allocation and less likely to complain at the back-end about those kinds of costs going forward, he said.

Breathitt noted that it is not an easy process for the states to figure out what their role is and how to insert themselves into this new regional transmission planning world.

"[T]his is a fast evolving world that we're in now and it's incumbent upon the state commissions to be on their toes because a lot is happening so quickly," she said.

## Wyden to FERC: The Northwest should retain control over its power future

*Carl Dombek*

The chairman of the Senate Energy and Natural Resources Committee has asked FERC to allow the Pacific Northwest to maintain control over its power future by providing flexibility regarding compliance with Order 1000 on transmission planning and cost allocations.

In a March 5 letter addressed to FERC Chairman Jon Wellinghoff and copied to the four other FERC commissioners, Sen. Ron Wyden (D-Ore.) expressed his concerns regarding the potential adverse impact of Order 1000 on the region and called for FERC to allow the region "to continue to chart its own power destiny."

In making his request, Wyden cited the non-FERC-jurisdictional status of most Northwest power producers.

"The majority of the Northwest power system is composed of utilities that generally are not subject to FERC jurisdiction and that are the creation of, and subject to, state or federal statutes," Wyden said. "This makes the Order No. 1000 process akin to trying to hammer a square peg into a round hole for the **Bonneville Power Administration** [BPA] and other governmental utilities."

Wyden pointed out that, while **ColumbiaGrid** has proposed to develop approaches to cost allocation as required by Order 1000, any methodology developed would constitute a

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[Wyden Letter to FERC.pdf](#)

Non-FERC-jurisdictional power entities are working to comply with the order's spirit; the commission should not push for compliance with the letter of the law, Wyden said.

recommendation only and would not be binding on any member utility because BPA “and other non-jurisdictional utilities that belong to ColumbiaGrid believe that it would be both unwise and unlawful for them to cede their authority over transmission cost allocation to FERC.”

Wyden added that he strongly agreed.

Referring to frequent statements from FERC commissioners supporting regional flexibility with regard to Order 1000 compliance, he said, “Now is the time for the commission to show that it is truly committed to that principle.”

The electric power industry in the region has acted through ColumbiaGrid and the **Northern Tier Transmission Group** and made a good faith effort to respond to Order 1000 in a constructive manner that preserves the region’s ability to continue to guide its own operations, Wyden said.

“I strongly urge the commission to respond in kind,” his letter concluded.

## Minnesota bill would increase utilities’ obligations under state’s ‘buy the farm’ law

*Carl Dombek*

A bill introduced in the Minnesota State Legislature would update the state’s “buy the farm” law to give utilities that condemn private property for transmission line easements a specific amount of time to make an offer for the landowner’s entire property if the landowner so chooses, and would require the utilities to provide relocation benefits.

Enacted in 1977 following protests that erupted during construction of a 400-kV DC power line west of St. Cloud, Minn., the law was designed as a way to give property owners the means to relocate if they didn’t want to live next to a high-voltage transmission line. Under the law as it exists today, if a utility proposes to use eminent domain to acquire land for an easement for a high-voltage transmission line of 200-kV or higher, owners of certain types of property have the option of requiring the utility to buy the entire property at fair market value.

The “buy the farm” law applies to private real property that is an agricultural or nonagricultural homestead, nonhomestead agricultural land, rental residential property, and both commercial

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and noncommercial seasonal residential recreational property. Purely commercial, non-residential property is not eligible under the law.

However, while utilities in Minnesota are required to pay fair market value under the state's eminent domain laws, they are not currently required to pay relocation expenses in addition to the purchase price, a facet proponents of the legislation, House File (H.F.) 338, want to change.

"The big issue here is that utilities contend the landowners are not displaced people and are not entitled to relocation benefits under the condemnation law," Rod Krass, a Minneapolis land-use attorney who testified in favor of the bill, told *TransmissionHub* on March 5.

The utilities, however, take the position that landowners who opt to sell their entire property under "buy the farm" and move to another residence are doing so by choice, a spokesperson for transmission developer CapX2020 told *TransmissionHub*. The obtaining of a strip of land for a right-of-way (ROW), for example, would not require the landowners to relocate, according to the utilities.

The issue of relocation assistance is currently before the Minnesota Supreme Court after the state court of appeals ruled that landowners who choose to have a utility buy their property are not being forced to move, but have made a voluntary decision to do so.

"We believe the best way forward is to let the Supreme Court make its decision before doing anything legislatively," the CapX2020 spokesperson said.

CapX2020 is working with approximately 80 property owners who have elected to sell their property under the "buy the farm" law in conjunction with its Bemidji-to-Grand Rapids, Brookings County-to-Hampton and Fargo-to-Monticello projects.

The current law requires landowners to notify the utility that they are exercising their rights under the law within 60 days after receiving the notice of condemnation. However, the law does not specify a time frame for the utility to respond. The bill would change that by giving the utility 90 days to respond to the landowner's election with a written offer to acquire the land.

The net result, however, may not be the expediting of the process that proponents seek. When a landowner chooses the "buy the farm" option, the utility must file a condemnation action, which starts the condemnation process.

"Once the clock starts, it's basically part of the eminent domain process," the spokesperson said. "There are not a lot of timelines that guide that process, so it can take time."

Other proposed changes include removal of a provision that the land to be purchased by the utility be "commercially viable," and the elimination of a \$3,000 payment ceiling "for a public service corporation's use of eminent domain for a high-voltage transmission line."

Under the law, the utility is required to divest itself completely of all farm lands "not later than the time it can receive the market value paid at the time of acquisition," less any reduction in value caused by the power line. There are no similar requirements for other categories of acquired property.

The bill was introduced Feb. 4 and was discussed by the House Energy Policy committee on Feb. 12, but no action was taken at that meeting.

## Two measures in the Wisconsin legislature would allow ATC greater latitude to expand

*Carl Dombek*

Two companion bills in the Wisconsin legislature would allow **American Transmission Company** (ATC) greater latitude to expand through the acquisition of transmission projects in which it does not own the physical transmission structures.

The language in Senate Bill (S.B.) 35 and Assembly Bill (A.B.) 39 is considered "clean-up" language and will update the language in the legislation that guided the formation of the company in 1999, a spokesperson for ATC told *TransmissionHub* on March 4. When the new transmission-only company was formed, Wisconsin Act 9 outlined how the company would be formed and how it would operate.

"As Act 9 is currently written, the law states that the sole purpose of our company is to plan, construct, operate, maintain, and expand transmission facilities that we own," the spokesperson said. The utility is interpreting current law to mean that it must have actual title to the physical poles and wires.

When the company was formed, the language in the act and the company's formation documents reflected the state of the industry at the time.

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"We didn't necessarily anticipate what the transmission world might bring several years later, including the ability to have transmission service rights," the spokesperson said.

Now, the company is seeking a change to legislative language that would clarify its authority to acquire transmission projects that it does not own, either independently or in conjunction with its joint venture with **Duke Energy** (NYSE:DUK), known as **Duke-American Transmission Company** (DATC).

"We may want to acquire some transmission rights, with or without the physical title to the poles and wires, so we're just looking for a minor language change that will add some clarification to what we can do in the future," the spokesperson said.

S.B. 35 and A.B. 39 would remove the restrictive verbiage "that it owns" from current law and add, "and the providing of transmission service" as an explicit statement of one of ATC's duties. The bills also add language that would allow the company to act, either "directly or through one or more affiliates," and adds the function of "purchase or acquire the right to provide transmission service over transmission facilities that it does not own" to the list of approved activities.

Those changes "would provide some certainty, add some clarification to business opportunities that may become available to us as we look to expand our business beyond our current footprint," the spokesperson said.

The company expects the "clean-up" it is seeking will help ATC to grow, to become a stronger employer in the Midwest, and create opportunities for it to develop projects in other regions.

"We were originally in business to own and operate transmission, essentially to improve the reliability in the Midwest. As we have been very successful here in the Midwest, we're looking for opportunities to grow our business in other parts of the country," the spokesperson said. "We don't expect this minor language adjustment to affect or hurt any other transmission owner; it just puts us on a level playing field."

The bills, which are slightly over five pages in length, also clarify areas that are not exclusive to ATC.

The bills clarify that an application for a certificate of public convenience and necessity (CPCN) is considered complete by law if the Public Service Commission of Wisconsin (PSCW) fails to determine that an application is complete within 30 days of filing or refiling. Under current law, an application for a CPCN is considered complete if the PSCW does not act within 30 days of filing, but it does not address refiling of a previously incomplete application.

Current law also requires the PSC, within ten days after an application for a CPCN is filed, to “submit copies of the application to the clerk of each city, village, and town in which the proposed large electric generating facility or high-voltage transmission line is to be located and to the main public library in each such county.”

The bills require instead that the PSC must submit the copies within ten days after the PSC determines that the application is complete or after the application is considered to be complete.

The bills also synchronize the deadlines between the PSCW and the Wisconsin Department of Natural Resources in cases of projects that require permits from both agencies.

## BPA files revised oversupply management protocol with FERC

*Carl Dombek*

The **Bonneville Power Administration** (BPA) on Mar. 4 filed with FERC its revised oversupply management protocol, its process for ensuring transmission system reliability and protecting fish when there is too much power for the region to consume (Docket Nos. EL11-44 and NJ12-7).

The action is in response to a December 2012 FERC order conditionally accepting the original oversupply management protocol that BPA filed in March 2012. The December order was conditioned on BPA submitting a revised cost allocation methodology for reimbursing generation displaced by BPA, though FERC agreed to stay that order and allow BPA to continue its ongoing oversupply rate case, which is scheduled to conclude in July.

Changes to the protocol were based on stakeholder comments and other factors, and include consequences for generators that fail to submit data supporting their claimed cost of operation. In such cases, costs will be assumed to be zero for the purposes of calculating any reimbursement due. Under the oversupply protocol, generators who elect to submit costs and supporting data are reimbursed for payments they would otherwise receive for producing power.

Changes also included additional language regarding a list of actions the agency can take to reduce or avoid the need to curtail generation in the event of oversupply. While the agency will retain its commitment to take “all reasonable actions” to reduce or avoid the need to curtail generation along with a list

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of possible actions, it added language clarifying that it would not commit to taking each possible action every time because the availability varies from situation to situation, a BPA spokesperson told *TransmissionHub* Mar. 4.

Other changes include an extension of the period for using the protocol through Sept. 30, 2015, and a March 15 annual deadline for generators to submit cost information to an independent third party.

In a related action, BPA also modified its analysis for estimating the likelihood of oversupply conditions and conducted an updated analysis for 2013.

This year, BPA projects a 50% probability of oversupply conditions leading to displacement under its oversupply management protocol compared to a 65% probability in the 2012 study.

According to the Northwest River Forecast Center, the current water supply forecast for January-July is 86% of normal, BPA said in a statement. If that forecast holds, "the likelihood and expected costs of wind displacement could be lower; however, conditions can quickly change," and BPA will continue to monitor forecasts throughout the spring and manage oversupply conditions with the most operationally feasible and cost-effective means available, it said.

Two other factors are prominent in this year's decrease in the probability of generation curtailment.

First, the 1,150 MW Columbia nuclear generating station will be offline for about six weeks for refueling. Second, BPA added the contribution of non-treaty storage, additional water storage in Canadian dams beyond the amount required in the Columbia River Treaty, to the analysis, allowing for additional storage potential.

In 2011, BPA displaced approximately 97,500 MWh of generation with energy from the hydro system. BPA's policy at that time, called environmental redispatch, did not include a mechanism to reimburse generators for the cost of displacement. In 2012, the oversupply management protocol replaced environmental redispatch, and BPA displaced approximately 47,000 MWh of generation with energy from the hydro system at a cost of \$2.7m.

The agency projects this year's oversupply costs could be \$10m, but under extreme conditions costs could exceed \$50m, it said in a statement.

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## Industry: Two proposed bills would make new transmission projects in Illinois 'virtually impossible'

Carl Dombek

Two pieces of legislation working their way through the Illinois General Assembly would place strict limits on expedited review of transmission projects by the Illinois Commerce Commission (ICC), would affect **Ameren Transmission's** proposed Illinois Rivers project and, according to Ameren and others, could bring transmission development in Illinois to a complete halt.

Identical companion measures Senate Bill (S.B.) 1874 and House Bill (H.B.) 2240 seek to stop any transmission projects that are more than five miles in length from using Illinois' "fast track" process. The prohibition would also apply to projects that "advance contiguously to a project filed with the commission during 2012," a reference to the Illinois Rivers project.

As proposed, the Illinois Rivers project would extend approximately 330 miles from Palmyra, Mo., to Sugar Creek, Ind., passing through 18 Illinois counties.

"The bill itself does more than just eliminate the expedited process; it would make new construction of transmission lines in Illinois virtually impossible," a spokesperson for Ameren Illinois told *TransmissionHub* March 4. "If Illinois wants to basically stop the modernization of our electric grid, this legislation would do that."

Under a law passed in 2010, utilities can file a project under an expedited review provision that gives the utility 180 days to complete three public hearings in each county touched by the proposed project and to file a completed application with a preferred route and at least one alternate route which is both viable and buildable. The law then gives the ICC up to 225 days to review the application and issue a decision.

Ameren filed its application for Illinois Rivers under the expedited process.

"Obviously the impetus behind [the expedited legislation] was to aid and assist in these major projects that are coming before the commission now," Sherman Elliott, who served on the ICC as a commissioner from 2008 to 2012, told *TransmissionHub*.

The bills, which are currently in the Senate Energy and House Public Utilities Committees, are viewed by some as a backlash to the original legislation creating the expedited process.

### RELATED PROJECTS:

[Illinois Rivers Project](#)

[Rock Island Clean Line](#)

### RELATED DOCUMENTS:

[Illinois HB2240.pdf](#)

[Illinois SB1874.pdf](#)

[OverviewMap\\_IllinoisRivers.pdf](#)

### RELATED NEWS:

[FERC approves rate incentives for two Ameren transmission projects](#)

[Clean Line Energy: Rock Island route avoids NEPA process](#)

[Ameren releases route details for Illinois Rivers project](#)

[Ameren Illinois to invest about \\$900m through 2016](#)

[Ameren Transmission expects CPCN for Illinois Rivers project in July 2013](#)

[Ameren Transmission to hold 2nd round of open houses on Illinois Rivers project](#)

[Ameren Transmission to begin series of public meetings on Illinois River project](#)

State Sen. Chapin Rose, who sponsored S.B. 1874, said the bill was introduced in response to concerns from constituents who felt Ameren was moving too quickly.

“Landowners currently affected in my district felt the expedited process did not allow enough time to respond,” Rose said in a statement.

Prior to the passage of the expediting legislation, however, there were no limits on how long the approval process could take.

“The ability of parties to exercise their due process rights can hamper the utilities’ ability to build, and the legislation limits that,” Elliott said. “Now you’re getting the pendulum swinging the other way with people feeling like their due-process rights are being abridged and they want to express them.”

However, project developer Ameren countered that the bills go beyond merely eliminating a shortened review period, and pointed to a “long laundry list of items” that would preclude power line placement.

In fact, both pieces of legislation contain language that would prohibit transmission lines from being constructed within 1.5 miles of 27 different types of areas or structures including agricultural zoned land, commercial use areas, designated recreational use areas, planned development areas, existing residential use areas and planned residential areas.

The bills also prohibit transmission lines within 1.5 miles of geologically sensitive areas, national historic landmarks, nursing or assisted living facilities, licensed day care centers, schools, traditional cultural properties, trees or woodlots, water well sites, or wetlands.

Opposition to the bills is growing as various organizations watch their progress and evaluate their potential effects.

“These bills would certainly cause some real difficulty in trying to site any kind of transmission line in the future,” James Monk, president of the Illinois Energy Association, told *TransmissionHub*, noting that new transmission will be needed to maintain reliability. “Especially if we lose some older coal-fired generation, we’re going to need to make sure the grid is able to withstand that loss.”

The Illinois Energy Association represents the state’s investor-owned utilities and natural gas utilities in the public policy arena. Monk said his group wants to ensure that the expedited siting remains available as an option should developers of other projects, including the [Rock Island Clean Line](#), want to pursue it.

The International Brotherhood of Electrical Workers (IBEW) Local 51, which worked for the passage of the expedited siting legislation in 2010, is also opposed to the bills.

The original legislation creating an expedited review process passed in 2010 without a single negative vote in either the House or the Senate, and was signed into law by current Illinois Governor Pat Quinn.

In their current form, the limits in S.B. 1874 and H.B. 2240 would apply to all applications filed before the effective date of the act, for which the commission has not issued a decision before the effective date of the act. The ICC has until Aug. 20 to issue its decision on Illinois River, while the General Assembly is scheduled to adjourn May 31.

Ameren Transmission and Ameren Illinois are subsidiaries of **Ameren** (NYSE:AEE).

## Obama's DOE, EPA picks are not strangers to policy role

*Wayne Barber*

After much speculation, President Obama has turned to two familiar faces to head the Department of Energy (DOE) and the Environmental Protection Agency (EPA).

The president on March 4 announced that he will nominate EPA air official Gina McCarthy to head EPA and Massachusetts Institute of Technology (MIT) Professor of Physics Ernest Moniz to head DOE.

Moniz currently heads the Laboratory for Energy and the Environment at the MIT Department of Physics. Moniz served as Under Secretary of the Department of Energy from 1997 until January 2001 and, from 1995-97, as Associate Director for Science in the Office of Science and Technology Policy in the Executive Office of the President.

During a brief ceremony, Obama said the pair will help the United States "control our own energy future while reducing pollution that contributes to climate change."

Obama called Moniz someone "who already knows his way around" DOE. Much the same could be said about McCarthy, who has been a chief lieutenant to recently-departed EPA Administrator Lisa Jackson.

### RELATED NEWS:

[Gina McCarthy draws criticism](#)

[It's official: Chu stepping down from DOE post](#)

[It's official: EPA chief Lisa Jackson stepping down](#)

McCarthy is currently Assistant Administrator for EPA's Office of Air and Radiation. McCarthy has previously served as the Commissioner of the Connecticut Department of Environmental Protection. In her 25 year career, she has worked at both the state and local levels.

McCarthy's biography is posted on the EPA website. The Moniz information comes from the MIT website.

Obama said as soon as the nominees are approved by the Senate, both his DOE and EPA choices should hit the ground running.

Deputy EPA administrator Bob Perciasepe is currently serving as acting administrator of EPA following the departure of Jackson after President Obama's first term.

During the White House ceremony, which was webcast on C-Span, Obama also praised departing Energy Secretary Steven Chu.

Interest groups quickly weighed in on the picks.

A conservative group called the Independent Women's Forum said McCarthy's EPA air work on "some of the EPA's most intrusive regulations" indicate she would likely "encumber the economy with rising energy costs."

Meanwhile, an organization called the Alliance to Save Energy released a statement praising both selections. Likewise, the Sierra Club lavished praise on both McCarthy and Moniz.

The Nuclear Energy Institute (NEI) called Moniz a "sensible choice" for DOE. "In nominating Ernie Moniz to be Secretary of Energy, President Obama has sent America a strong message that its energy leadership will be entrusted to an advocate of clean energy supplies, including nuclear energy," said NEI President and CEO Marvin Fertel. The nuclear group leader said Moniz was a respected official in the nuclear field and also served on the administration's Blue Ribbon Commission on America's Nuclear Future.

### **Lawyer says McCarthy willing to listen to industry**

McCarthy is at least willing to listen to industry, said Jeffrey Holmstead, himself an EPA assistant administrator during the George W. Bush administration, who is an industry lawyer representing coal-fired electric interests.

"Most business leaders felt like Lisa Jackson was not very interested in the problems that EPA was creating for industry," Holmstead said in an email response to *GenerationHub*. "There's

a general sense that Gina is at least willing to listen to industry's concerns and to address them when she believes they're legitimate.

"Gina is certainly an environmentalist, but I don't think she's anti-industry," Holmstead said. "I hope that she'll be willing to streamline some of the permitting and regulatory requirements that cause so many unnecessary delays for companies that want to make investments in the U.S.

"Gina will obviously face some big challenges – especially now that the President has raised expectations that EPA will be issuing more regulations to deal with climate change," Holmstead said. "The environmental community seems to believe that she'll soon be making dramatic cuts in greenhouse gas emissions with the stroke of her pen, but she's stuck with a set of laws that don't give her that type of authority."

## TransmissionTrends

[transmissionhub.com](http://transmissionhub.com)

TransmissionTrends is free to subscribers of TransmissionHub, a PennWell MAPSearch service.



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---

**From:** Paul Norman (b)(6)

**Sent:** 3/8/2013 10:18:22 PM +00:00

**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Bleiler, Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>

**Subject:** Check in?

Lauren and Damen:

I've had some possibly-useful thoughts about alternative definition, decision criteria, etc and would like to have a chance to discuss w/ you. Before the Tuesday morning discussion with PGE might be good, though I know that is tight. I am mostly open on Monday. An hour would be nice.

Anyway, let me know what might work.

PN

---

**Meeting Title:** BPA/PGE Weekly Conference Call  
**From:** Kimberly Hamling <Kimberly.Hamling@pgn.com>  
**Sent:** 3/4/2013 11:55:20 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** 1-866-699-3239 Attendee Access 20794481#  
**Start Time:** 3/7/2013 3:30:00 PM +00:00  
**End Time:** 3/7/2013 4:00:00 PM +00:00  
**Reminder Time:** 3/7/2013 3:15:00 PM +00:00  
**Is Recurring:** false  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2

Standing conference call: first Thursday of the month through December 2013

Conference Call Details:

1-866-699-3239 Attendee Access 20794481#

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/27/2013 7:46:18 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** CCTP

Lauren,

I just talked with Paul as he is driving up to do some skiing, and I'm going to call him tomorrow just after lunch as he is free until 2pm. I was thinking if your available it would be good for you to join us. We can debrief what he thought about the meeting, then discuss moving forward. Let me know what your thinking. Thanks.

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/5/2013 10:12:24 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE:

I haven't heard anything about a contract yet so I'm not sure.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, February 05, 2013 2:12 PM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE:

I'm good with that. I think our first task is to orient Paul to the project as best we can. Is there a contract in place yet?

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Tuesday, February 05, 2013 2:11 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE:

Shoot,yeah lets hold off on that, not that I don't like it, its just that could get us sucked into the details and eat a lot of time. I'm assuming this will be mostly a high level discussion. But I could be wrong.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, February 05, 2013 2:10 PM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE:

I could bring the piece that I've sent out to the team (you have it too) although it seems embarrassingly embryonic. What do you think?

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Tuesday, February 05, 2013 2:08 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:**

Lauren,

Do you plan on bringing any handouts for the meeting today with Claudia and Paul?

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394  
<< OLE Object: Picture (Metafile) >>

**Meeting Title:** Cascade Crossing Business Case

**From:** "Brookshire,Sherry S (BPA) - T-DITT2"

**Sent:** 2/5/2013 7:21:50 PM +00:00

**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>

**Location:** TPP 200; bridge 8001 p/c 6416#

**Start Time:** 2/15/2013 10:00:00 PM +00:00

**End Time:** 2/15/2013 11:00:00 PM +00:00

**Duration:** 1 hours

**Reminder Time:** 2/15/2013 10:00:00 PM +00:00

**Is Recurring:** true

**Recurrence Type:** Not

**Response Status:** 0

**Busy Status:** Busy

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 2/4/2013 4:02:40 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Hardin,Craig  
A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Bleiler,Damen C (BPA) -  
FTT-2" <dcbleiler@bpa.gov>  
**CC:** "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** Did you see this in Clearing Up?

This was included at the end of an article on Port Westward II:

The company (PGE) has also completed a short list of baseload projects, as a result of the RFP seeking 300 to 500 MW of baseload generation, which apparently does *not* include the 500-MW Carty Station, the utility's self-build option. (emphasis mine)

Do you folks know if this is correct?

---

**Meeting Title:** Cascade Crossing Discussion w/ Paul Norman  
**From:** "Renner, Marcella P (BPA) - F-2"  
**Sent:** 2/1/2013 1:22:01 AM +00:00  
**To:** "Bleiler, Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; 'Paul Norman'  
(b)(6)  
**Location:** Claudia's Office  
**Start Time:** 2/5/2013 11:00:00 PM +00:00  
**End Time:** 2/6/2013 12:30:00 AM +00:00  
**Duration:** 1 hours 30 minutes  
**Reminder Time:** 2/5/2013 11:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Bleiler, Damen C (BPA) - FTT-2; Nichols-Kinas, Lauren (BPA) - TSP-TPP-2; Paul Norman

When: Tuesday, February 05, 2013 3:00 PM-4:30 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: Claudia's Office

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Paul- will submit a visitor pass for you asap.

---

**From:** Tech Forum  
**Sent:** 1/14/2013 10:30:04 PM +00:00  
**To:** Tech Forum <techforum@bpa.gov>  
**Subject:** BPA and PGE Announce Memorandum of Understanding for Cascade Crossing Transmission Project

## **Bonneville Power Administration, Transmission Services**

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### **BPA and Portland General Electric Announce Memorandum of Understanding for Cascade Crossing Transmission Project**

BPA announced this afternoon it has signed a non-binding Memorandum of Understanding to explore and evaluate a proposed change to PGE's proposed Cascade Crossing Transmission Project.

Under the new option being explored, PGE would build Cascade Crossing beginning at Boardman, as originally proposed, but would terminate the dual circuit, 500-kV transmission line at a new substation near Maupin, Oregon, called Pine Grove. This option would eliminate a substantial number of miles of new construction from the project.

The new option also proposes that PGE would invest in several enhancements to BPA's system that could increase transmission capacity, reduce congestion and enhance reliability of the region's grid. In return, PGE could receive up to 2,600 MW of transmission capacity rights from BPA.

The Memorandum of Understanding and the joint press release can be viewed at the following link: <http://transmission.bpa.gov/PlanProj/>

Questions and comments can be submitted to [techforum@bpa.gov](mailto:techforum@bpa.gov) or through your Transmission Account Executive.

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To submit comments and questions or subscribe/unsubscribe, send an email to [techforum@bpa.gov](mailto:techforum@bpa.gov).

NOTE: The content of Tech Forum notices is best viewed in Rich Text or HTML. Viewing in Plain Text will remove formatting features.

---

**From:** "Baskerville,Sonya L (BPA) - DKN-WASH"  
**Sent:** 1/10/2013 9:44:01 PM +00:00  
**To:** "Wright,Stephen J (BPA) - A-7" <sjwright@bpa.gov>; "Bekkedahl,Larry N (BPA) - T-DITT2" <lnbekkedahl@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** FW: FYI: Meeting with PGE and RRTT for Cascade Crossing Update

FYI. I believe that she hasn't attended their last couple of updates so this meeting also will be a general catch-up to her. The Interior and Ag folks are more engaged because they are the real focus on this given the siting/permitting matters. Thanks.

**Sonya Baskerville**

**Manager, BPA National Relations**

**1000 Independence Ave, SW**

**8G-061**

**Washington, DC 20585**

**202.586.5640 (o)**

**(b)(6)**

**sbaskerville@bpa.gov**

**From:** Azar, Lauren [mailto:Lauren.Azar@Hq.Doe.Gov]  
**Sent:** Thursday, January 10, 2013 1:32 PM  
**To:** Baskerville,Sonya L (BPA) - DKN-WASH; Hoffman, Patricia  
**Subject:** RE: FYI: Meeting with PGE and RRTT for Cascade Crossing Update

Thanks Sonya – I plan on coming. See you there.

Lauren Azar

Senior Advisor to the Secretary

U.S. Department of Energy

1000 Independence Avenue SW

Washington D.C 20585

202-586-3696

[Lauren.Azar@hq.doe.gov](mailto:Lauren.Azar@hq.doe.gov)

**From:** Baskerville, Sonya

**Sent:** Thursday, January 10, 2013 3:49 PM

**To:** Azar, Lauren; Hoffman, Patricia

**Subject:** RE: FYI: Meeting with PGE and RRTT for Cascade Crossing Update

Just FYI that Portland General Electric (PGE) will be meeting on Monday with the RRTT to provide an update on the Cascade Crossing project. BPA is participating in the meeting. There are a number of DOE folks included in the invitation from Interior, so you probably already are aware of the meeting. Thanks.

**Sonya Baskerville**

**Manager, BPA National Relations**

**1000 Independence Ave, SW**

**8G-061**

**Washington, DC 20585**

**202.586.5640 (o)**

**(b)(6)**

[slbaskerville@bpa.gov](mailto:slbaskerville@bpa.gov)

---

**From:** "Baskerville,Sonya L (BPA) - DKN-WASH"  
**Sent:** 12/22/2012 5:30:07 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Fw: Martin Doern's phone number

Hello. Sorry I wasn't able to call you back. Yes, I would need to be on the call. I did talk with Martin Doern at PGE about this today.

Are you available by cell before the holiday? I can share what Martin and I likely would have in mind for visits, but we both need more information about what actually is being agreed to before we start scheduling anything. My BPA cell number is in the signature below, but if you can't get me on that phone, call (b)(6). I'm on central time now through December 31.

Thanks!

Sonya Baskerville  
BPA National Relations  
(b)(6)

**From:** Baltimore-Bey,Ebony A (CONTR) - DKN-WASH  
**Sent:** Friday, December 21, 2012 10:07 AM  
**To:** Baskerville,Sonya L (BPA) - DKN-WASH  
**Subject:** Lauren Nichols-Kinas called

Lauren Nichols-Kinas called to give you a heads up that the Cascade Crossing discussion is moving rapidly they are thinking they will sign a non binding MOU with them early in January. She has a meeting with Steve Wright on the 3rd and she wanted to know if you would like to call in for that meeting. She believes if this happens they will be headed back to DC right away to talk with FERC and DOE and the delegation folks she wanted to outline how that was looking for you she will be in the office her number is 360-619-3416

**Ebony A. Baltimore-Bey**  
**Aerotek**  
**Bonneville Power Administration**  
**Office of National Relations**  
**Telephone: (202) 586-5640**  
**Fax: (202) 586-6762 or 6763**  
**Email: eabaltimorebey@bpa.gov**

---

**From:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2"  
**Sent:** 12/19/2012 5:40:45 PM +00:00  
**To:** "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>;  
"Rochelle,Patrick R (BPA) - TPP-OPP-3" <prrochelle@bpa.gov>  
**Subject:** PUFs for Station K

Just a quick reminder that we will likely need to prepare to put one or more TSNs into the queue for the capacity that we are discussing with PGE, possibly as early as January. To do that, we still need to get determine the greatest amount of flowgate capacity needed for each flowgate for all of the paths under consideration, including those for related to Station K. Could you let me know what you'll need to do to get us to a point that we can accomplish that work and give me some idea of when you'll be able to get that done? THANKS!!

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 12/14/2012 8:00:41 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Press release

<http://investors.portlandgeneral.com/releasedetail.cfm?ReleaseID=550737>.


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## PGE and BPA Agree to Discuss Mutual Interests in Transmission Projects


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*Utilities share desire to promote system reliability, cost-efficient transmission*

PORTLAND, Ore.--(BUSINESS WIRE)-- Portland General Electric (NYSE:POR) has entered into a Memorandum of Understanding with the Bonneville Power Administration that allows the two utilities to coordinate planning of new electrical substations and transmission facilities and to consider joint development.

PGE has proposed Cascade Crossing, a double-circuit transmission project running from the City of Boardman to the Salem area, to help meet Oregon's growing energy needs, enhance reliability of the electrical grid, and allow for development of more renewable power projects to help meet the state's Renewable Energy Standard. The project would connect new and existing energy generating resources east of the Cascades to the Willamette Valley.

BPA is building the McNary-John Day transmission project, which will be completed in January, 2012. BPA is conducting environmental analysis on three proposed 500-kV transmission lines. In addition, BPA is developing several large electrical substations to integrate wind generation into the Northwest grid.

The MOU allows PGE and BPA to share confidential information as they work together on a range of issues, including system interconnections, substation locations and utilization of existing transmission corridors.

"BPA is the Northwest's largest transmission provider, and PGE shares their commitment to promoting system reliability, cost-effective transmission and renewable resource integration," said Steve Hawke, PGE senior vice president for customer service, transmission and distribution. "We look forward to engaging in discussions with BPA to help ensure that Cascade Crossing, if constructed, would integrate with other existing and proposed transmission projects and meet the needs of our customers and the region."

"This is a great example of regional transmission planning and coordination," said Brian Silverstein, BPA Transmission Services senior vice president. "Finding ways to work together to meet the region's growing electricity needs will provide benefits to ratepayers throughout the Northwest and minimize the need for new transmission facilities."

PGE previously executed MOUs for discussions surrounding Cascade Crossing with PacifiCorp, Idaho Power and the Confederated Tribes of Warm Springs. In order to build the project, PGE must obtain approvals from both the state and federal

governments. PGE is in the second year of what is expected to be a three-year permitting process, which includes a variety of opportunities for public input. For more information, visit [CascadeCrossingProject.com](http://CascadeCrossingProject.com).

#### **About Bonneville Power Administration**

BPA is a not-for-profit federal electric utility that operates a high-voltage transmission grid comprising more than 15,000 miles of lines and associated substations in Washington, Oregon, Idaho and Montana. It also markets more than a third of the electricity consumed in the Pacific Northwest. The power is produced at 31 federal dams operated by the U.S. Army Corps of Engineers and Bureau of Reclamation and one nuclear plant in the Northwest and is sold to more than 140 Northwest utilities. BPA purchases power from seven wind projects and has more than 3,300 megawatts of wind interconnected to its transmission system.

#### **About Portland General Electric Company**

Portland General Electric, headquartered in Portland, Ore., is a fully integrated electric utility that serves approximately 822,000 residential, commercial and industrial customers in Oregon. Visit our website at [PortlandGeneral.com](http://PortlandGeneral.com).

#### **PGE Safe Harbor Statement**

Statements in this news release that relate to future plans, objectives, expectations, performance, events and the like may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such forward-looking statements include statements concerning the potential construction and benefits of the Cascade Crossing project, as well as other statements identified by words including, but not limited to, "will," "anticipates," "believes," "intends," "estimates," "promises," "expects," "should," "conditioned upon" and similar expressions. Investors are cautioned that any such forward-looking statements are subject to risks and uncertainties, including regulatory, operational and legal matters, as well as other factors that could affect the successful completion and operation of the project. As a result, actual results may differ materially from those projected in the forward-looking statements. All forward-looking statements included in this news release are based on information available to the Company on the date hereof and such statements speak only as of the date hereof. The Company assumes no obligation to update any such forward-looking statements. Prospective investors should also review the risks and uncertainties listed in the Company's most recent Annual Report on Form 10-K and the Company's reports on Forms 8-K and 10-Q filed with the United States Securities and Exchange Commission, including Management's Discussion and Analysis of Financial Condition and Results of Operation and the risks described therein from time to time.

Photos/Multimedia Gallery Available:  
<http://www.businesswire.com/cgi-bin/mmq.cgi?eid=6615619&lang=en>

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Steve Corson, 503-464-8444  
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BPA  
Doug Johnson, 503-230-5840

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CSWeb Version: 4.0.0 Server: WDWEB1

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**From:** "Johnson.Anders L (BPA) - TPL-OPP-2"

**Sent:** 12/6/2012 6:06:22 PM +00:00

**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>

**CC:** "Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>

**Subject:** PGE Status

Hello,

Was there a meeting with PGE on Tuesday? If so, how did it go or were there any developments?

Thanks,  
Anders

---

**Meeting Title:** CCTP Check in on deliverables  
**From:** "Tenney,Lauren E (BPA) - TSPQ-TPP-2"  
**Sent:** 11/30/2012 10:00:51 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2"  
<dcbleiler@bpa.gov>  
**Location:** TPP 352  
**Start Time:** 11/30/2012 10:30:00 PM +00:00  
**End Time:** 11/30/2012 11:00:00 PM +00:00  
**Duration:** 30 minutes  
**Reminder Time:** 11/30/2012 10:30:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Fredrickson,Rebecca E  
(BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2

When: Friday, November 30, 2012 2:30 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TPP 352

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

We can call Damen

**Meeting Title:** Meeting Forward Notification: Cascade Crossing / COI RAS  
**From:** Microsoft Outlook  
**Sent:** 11/29/2012 9:23:40 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Start Time:** 11/30/2012 +00:00  
**End Time:** 11/30/2012 1:00:00 AM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 1/1/4501 +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative

**Your meeting was forwarded**

[Tenney,Lauren E \(BPA\) - TSPQ-TPP-2](#) has forwarded your meeting request to additional recipients.

**Meeting**

Cascade Crossing / COI RAS

**Meeting Time**

Thursday, November 29, 2012 4:00 PM-5:00 PM.

**Recipients**

[Fredrickson,Rebecca E \(BPA\) - TSPQ-TPP-2](#)

All times listed are in the following time zone: (GMT-08:00) Pacific Time (US & Canada)

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 10/31/2012 5:07:54 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** FW: PGE Meeting

See below.

**From:** Roach,Randy A (BPA) - L-7  
**Sent:** Wednesday, October 31, 2012 9:03 AM  
**To:** Sigurdson,Ryan M (BPA) - LT-7; Jensen,Mary K (BPA) - LT-7  
**Subject:** FW: PGE Meeting

fyi

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**From:** Wright,Stephen J (BPA) - A-7  
**Sent:** Tuesday, October 30, 2012 6:48 PM  
**To:** Roach,Randy A (BPA) - L-7  
**Subject:** RE: PGE Meeting

I spoke with Piro this morning and then Brian. My message was that we really need to define the business case for the entire transaction and then evaluate it for financial, legal, policy issues. By entire transaction I meant phase 1, 2 and 3. You might check to see if that message came through.

---

**Meeting Title:** BPA/PGE Joint Executive Meeting  
**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/30/2012 3:31:18 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** 17th Floor Staff Room (121 SW Salmon Street, Portland)  
**Start Time:** 10/30/2012 5:30:00 PM +00:00  
**End Time:** 10/30/2012 7:30:00 PM +00:00  
**Duration:** 2 hours  
**Reminder Time:** 10/30/2012 5:15:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative

If you are not able to attend in person, please join in via conference call: 1-866-699-3239 Attendee Access 20794481#

---

**Meeting Title:** CCTP Financial Discussions  
**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/30/2012 3:30:52 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** 1WTC17 - Staff Room  
**Start Time:** 10/30/2012 4:00:00 PM +00:00  
**End Time:** 10/30/2012 5:30:00 PM +00:00  
**Duration:** 1 hours 30 minutes  
**Reminder Time:** 10/30/2012 3:45:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative

If you are not able to attend in person, please join in via conference call: 1-866-699-3239 Attendee Access 20794481#.

---

**From:** "Tenney,Lauren E (BPA) - TSPQ-TPP-2"  
**Sent:** 10/24/2012 8:22:50 PM +00:00  
**To:** "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2"  
<lnichols@bpa.gov>  
**Subject:** Internal CCTP Modeling Assumption meeting in OPP 223

Hi everyone I grabbed room OPP 223 for the meeting.

-----Original Appointment-----

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Tuesday, October 23, 2012 10:12 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Internal CCTP Modeling Assumption meeting  
**When:** Wednesday, October 24, 2012 2:00 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TBD

When: Wednesday, October 24, 2012 2:00 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TBD

Note: The GMT offset above does not reflect daylight saving time adjustments.

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Lauren and I would like to meet to get a better understanding of all the potential benefits and who may be receiving them under the different options prior to our meeting with PGE folks on Thursday. I'll send out a draft later today of the base assumptions as we see it now so we have something to work from. Thanks.

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 10/24/2012 6:12:42 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>  
**Subject:** PGE Meeting

Good morning,

Randy Roach just forwarded me a meeting invite on the 29<sup>th</sup> from 1-3 on Cascade Crossing. The front office and TS executives are invited, but Randy did not have any other context. Still I wanted to make you guys are aware of the meeting, although I suspect (and hope) that each of you will be invited.

Ryan



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT PROGRAM

July 7, 2015

In reply refer to: FOIA #BPA-2013-01284-F

Jesse Cowell, Attorney  
Davison Van Cleve, PC  
333 SW Taylor Street, Suite 400  
Portland, OR 97204

Dear Mr. Cowell:

This is a partial response to your request for Bonneville Power Administration (BPA) records under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. BPA received the request on July 10, 2013, and sent you an acknowledgement letter on July 16, 2013.

In a letter dated December 30, 2013, we explained the unusual circumstances involved in your request. The current estimated date for a final response is August 31, 2015. On March 10, 2015, BPA provided a partial release.

### **You originally requested:**

**“[A]ll emails, correspondence, information concerning, memoranda and other documents written to or from [BPA]...regarding [PGE’s] proposed Cascades Crossing Transmission Project, including:**

- “1. The January 25, 2011, Memorandum of Understanding (“MOU”) between BPA and PGE...;
2. The December 22, 2011, Terms and Conditions for Joint Agreement (“Agreement”) between BPA and PGE...including... “Action” items listed under each enumerated “Issue” in Attachment 1 to the Agreement;
3. The January 14, 2013, MOU between BPA and PGE. . . ; and
4. The May 30, 2013, MOU between BPA and POE contemplating a PGE capacity ownership transmission option with BPA and. . . ”

In a July 10, 2013 email you withdrew the additional part of this request for “all emails, correspondence, information concerning, memoranda and other documents written to or from BPA concerning PGE transmission service requests, transmission service agreements, transmission inquires, negotiations and arrangements to or with BPA for electric power transmission, and especially dates when PGE entered transmission queues, dating from 2007 to the present.”

In a September 4, 2013 email you limited the request to records from 2011- present, and finally in a January 29, 2014 email you limited the request further to two individuals: "correspondence to and from Lauren Nichols-Kinas and Kyle Kohne."

In a previous release, dated March 10, 2015, we released 138 pages of the responsive records.

**Partial response:**

Pursuant to your request, we conducted a search of the paper and electronic records of BPA employees Lauren Nichols-Kinas and Kyle Kohne. Even with the narrowing of your request, we located nearly 7,000 responsive records.

In this partial release we are releasing 106 pages: 93 in full and 13 pages with redactions under Exemption 6 of the FOIA.

The Freedom of Information Act generally requires the release of all government records upon request. However, FOIA permits withholding certain, limited information that falls under one or more of nine statutory exemptions (5 U.S.C. §§ 552(b)(1-9)).

Exemption 6 protects information in "personnel and medical files and similar files" when the disclosure of such information "would constitute a clearly unwarranted invasion of personal privacy" (5 U.S.C. § 552(b)(6)). Exemption 6 requires balancing the public interest in the information against the individual privacy interest at issue. Here, we assert this exemption to redact personal email addresses and phone numbers, as well as personal cell phone numbers. We find no public interest in this information and therefore redact it under Exemption 6.

Information that falls under Exemption 6 cannot be discretionarily released; the right of privacy belongs to the individual, not to the agency. Therefore, we did not analyze this information under the discretionary release guidelines in Attorney General Holder's March 19, 2009, FOIA Memorandum.

We will continue to provide partial releases as we complete the review and processing of the remaining documents.

If you have any questions, please contact Kim Winn, FOIA Public Liaison, at 503-230-5273.

Sincerely,



C. M. Frost  
Freedom of Information Act Officer

**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 8/13/2012 8:57:21 PM +00:00  
**To:** 'Frank Afranji' <Frank.Afranji@pgn.com>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>; "Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>; 'John Sullivan' <John.Sullivan@pgn.com>; 'Stefan Brown' <Stefan.Brown@pgn.com>; 'Cece Coleman' <Cece.Coleman@pgn.com>; 'Scott Russell' <Scott.Russell@pgn.com>  
**CC:** "DeJong,Alan J (BPA) - TERP-TPP-4" <ajdejong@bpa.gov>; "Tenney,Lauren E (BPA) - TSPQ-TPP-2" <letenney@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>  
**Subject:** RE: PGE / BPA Cascade Crossing Meeting

Frank, the phone bridge is (360) 418-8001 p/c 6011.

Craig, do you know if we have enough ports, or should we ask the Telephone Office to add more?

Thanks,  
Anders

---

**From:** Frank Afranji [mailto:Frank.Afranji@pgn.com]  
**Sent:** Monday, August 13, 2012 1:55 PM  
**To:** Johnson,Anders L (BPA) - TPL-OPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Aggarwal,Ravi K (BPA) - TPL-OPP-2; John Sullivan; Stefan Brown; Cece Coleman; Scott Russell  
**Cc:** DeJong,Alan J (BPA) - TERP-TPP-4; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3  
**Subject:** RE: PGE / BPA Cascade Crossing Meeting

Are your folks able to set up the phone bridge.....BPA's seem to work much better than PGE's but if you are unable to we are happy to set it.

**From:** Johnson,Anders L (BPA) - TPL-OPP-2 [mailto:aljohnson@bpa.gov]  
**Sent:** Monday, August 13, 2012 1:53 PM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Aggarwal,Ravi K (BPA) - TPL-OPP-2; John Sullivan; Frank Afranji; Stefan Brown; Cece Coleman; Scott Russell  
**Cc:** DeJong,Alan J (BPA) - TERP-TPP-4; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3  
**Subject:** RE: PGE / BPA Cascade Crossing Meeting

Hello,

I would like to propose that we conduct tomorrow's meeting by conference call rather than in-person at BPA's Park Place Office, as several members of the BPA team also have meetings at other locations tomorrow morning.

Thanks,

Anders

---

**From:** Hardin,Craig A (BPA) - TSE-TPP-2

**Sent:** Monday, April 30, 2012 3:35 PM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Johnson,Anders L (BPA) - TPL-OPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2  
**Subject:** FW: PGE / BPA Cascade Crossing Meeting  
**When:** Tuesday, August 14, 2012 8:00 AM-10:00 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TPP 309 / Phone Bridge 8001, (360) 418-8001 p/c 6011#

When: Occurs every Tuesday effective 5/1/2012 until 9/25/2012 from 8:00 AM to 10:00 AM (GMT-08:00) Pacific Time (US & Canada).  
Where: TPP 309 / Phone Bridge 8001, (360) 418-8001 p/c 6011#

Note: The GMT offset above does not reflect daylight saving time adjustments.

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**From:** VanAntwerp,Sheila L (CONTR) - TSE-TPP-2 **On Behalf Of** Hardin,Craig A (BPA) - TSE-TPP-2  
**Sent:** Thursday, March 22, 2012 10:14 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; 'John Sullivan (John.Sullivan@pgn.com)'; DeJong,Alan J (BPA) - TERP-TPP-4  
**Subject:** PGE / BPA Cascade Crossing Meeting  
**When:** Occurs every Tuesday effective 5/1/2012 until 9/25/2012 from 8:00 AM to 10:00 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TPP 309 / Phone Bridge 8001, (360) 418-8001 p/c 6011#

Extending this meeting to the end of the year and changing to 2 hrs vs 3 hrs.

Thank you,

Sheila



---

**From:** "Kohne,Kyle R (BPA) - TPP-OPP-3"  
**Sent:** 7/10/2013 12:31:17 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Geyer,Sheryl A (CONTR) - TPP-OPP-3" <sageyer@bpa.gov>  
**Subject:** RE: Study request to PGE

Interesting. We have a fax journal report that indicates it went to 503-464-7796 which is the fax number on the CEII request form. In any case, we will fax it again and follow-up with Amy to see that she received it. Thanks!

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, July 09, 2013 4:04 PM  
**To:** Kohne,Kyle R (BPA) - TPP-OPP-3  
**Subject:** Study request to PGE

Amy Light is reporting that she never received the study request doc and is asking if you can fax it again!

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 7/10/2013 6:50:41 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>  
**Subject:** RE: PGE meeting tomorrow

That sounds good. What time should we meet?

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, July 10, 2013 11:49 AM  
**To:** Tenney,Lauren E (BPA) - TSP-TPP-2; Sigurdson,Ryan M (BPA) - LT-7  
**Subject:** PGE meeting tomorrow

Are either of you planning to go tomorrow? Craig is out, so I'm going to meet Damon at HQ and go over with him. If either of you want to join us, let us know.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 7/10/2013 6:46:45 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: PGE tomorrow?

Yes and Yes. I actually thought tomorrow was a normal breakfast meeting and I wasn't planning on attending until John said he will see me tomorrow. So I talked to him about it and I plan on going. I will see if I can get a car. Is anyone else going?

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, July 10, 2013 11:45 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** PGE tomorrow?

Are you planning to go to PGE tomorrow? If so, could I meet you at HQ and ride over with you?

---

**Meeting Title:** CCTP Exec Sponsor Touch-Point  
**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 7/10/2013 3:58:57 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** Dittmer 211  
**Start Time:** 7/10/2013 10:00:00 PM +00:00  
**End Time:** 7/10/2013 11:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 7/10/2013 10:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 0  
**Busy Status:** Busy

Larry may not be able to attend. We have DOE visiting regarding our HCM issues and Larry is meeting with him.

---

**From:** "Kohne,Kyle R (BPA) - TPP-OPP-3"  
**Sent:** 7/9/2013 7:50:52 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Rochelle,Patrick R (BPA) - TPP-OPP-3" <prrochelle@bpa.gov>  
**Subject:** RE: CEII Request Form.docx from PGE

Hi Lauren,

Yes, we already filled out the form and faxed it to PGE (i.e. Amy Light) on June 26<sup>th</sup> at 7:28 AM. To date, we have not received any response. Any follow-up is appreciated.

Kyle

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, July 09, 2013 10:59 AM  
**To:** Kohne,Kyle R (BPA) - TPP-OPP-3; Rochelle,Patrick R (BPA) - TPP-OPP-3  
**Subject:** CEII Request Form.docx from PGE

<< File: CEII Request Form.docx >>

Here is the form we need to fill out to get the study that we've been trying to obtain from PGE. If you can complete it, we will push it back

---

**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 7/8/2013 11:32:35 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Meetings with PGE next Thursday July 11th

I will be there for the early morning session.

Larry

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, July 08, 2013 10:00 AM  
**To:** Bekkedahl,Larry N (BPA) - T-DITT2  
**Subject:** RE: Meetings with PGE next Thursday July 11th

Both could take place, (the negotiation session is early in the day, the tour starts later). I sent Sherry a question to see if you are going to be able to make the early morning negotiation session.

---

**From:** Bekkedahl,Larry N (BPA) - T-DITT2  
**Sent:** Wednesday, July 03, 2013 2:01 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Meetings with PGE next Thursday July 11th

Lauren,

Shawn sent out a notice that there is a PGE tour of Big Eddy Knight the same day as our executive meeting in the morning. Are both meetings taking place??

Larry

---

**From:** "Brookshire,Sherry S (BPA) - T-DITT2"  
**Sent:** 7/8/2013 8:13:12 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Thursday morning negotiating session

Yes, but only for the first hour.

*Sherry*

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, July 08, 2013 9:54 AM  
**To:** Brookshire,Sherry S (BPA) - T-DITT2  
**Subject:** Thursday morning negotiating session

Sherry – Is Larry going to be at the Thursday morning negotiation session with PGE this week? THANKS.

---

**From:** "Brookshire,Sherry S (BPA) - T-DITT2"  
**Sent:** 7/8/2013 4:20:25 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: CCTP Exec Sponsor Touch-Point

Larry will call in from 3-3:30

*Sherry*

-----Original Appointment-----

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, June 26, 2013 8:55 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Bekkedahl,Larry N (BPA) - T-DITT2; Thomas,Randi R (BPA) - TO-DITT2; Leathley,Kimberly A (BPA) - TS-DITT-2-A; Juj,Hardev S (BPA) - TP-DITT-2; Andrews,Claudia R (BPA) - F-2; Bleiler,Damen C (BPA) - FTT-2; Tenney,Lauren E (BPA) - TSP-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Gaube,Stephen J (BPA) - FTC-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Josephson,Ryan D (BPA) - DBC-3; Hardin,Craig A (BPA) - TSE-TPP-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Christen,Camille A (BPA) - LT-7  
**Subject:** CCTP Exec Sponsor Touch-Point  
**When:** Wednesday, July 10, 2013 3:00 PM-4:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** Dittmer 211

Larry will call in from 3-3:30.

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/28/2013 10:42:40 PM +00:00  
**To:** "Salazar,Tracey L (BPA) - TSPP-TPP-2" <tsalazar@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Egusa,Sean R (CONTR) - TSP-TPP-2" <sregusa@bpa.gov>; "Jones,Christopher M (BPA) - TSP-TPP-2" <cmjones@bpa.gov>; "Gunn,Christine S (BPA) - TSP-TPP-2" <csgunn@bpa.gov>; "TPP 155(6)" <TPP155@BPASite1.bpa.gov>  
**Subject:** RE: Policy on Transmission Swaps/Sales/Etc.

Can we use this time next week to strategize how to get the larger group involved? We now have a list of folks and I will ask Kristin to ask them next week. Are we ready to engage them on the week of the 8<sup>th</sup>?

Have a great weekend!

---

**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 6/26/2013 8:44:46 PM +00:00  
**To:** "Singleton, Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**CC:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Moditz, Tina (BPA) - TP-DITT-2" <cdmoditz@bpa.gov>; "Ebert, Heather  
A (BPA) - TS-DITT-2-A" <haebert@bpa.gov>; "Renner, Marcella P (BPA)  
- F-2" <mprenner@bpa.gov>  
**Subject:** Recurring Cascade Crossing Sponsor Meeting

Kristin,  
We looked at calendars and this is what we found:  
July 25, 1-2

Recurring meetings starting in August  
3<sup>rd</sup> Wednesday, 1-2

I'll send a hold, please update with room and bridge info. Meetings to be set over here.

*Sherry Brookshire*  
*Executive Assistant to Sr. VP for Transmission Services*  
*360-418-8008 Office*  
*360-281-8037 Cell*

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**From:** "Juj,Hardev S (BPA) - TP-DITT-2"  
**Sent:** 6/26/2013 8:34:58 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: PGE Exec breakfast tomorrow

I am not attending as I am flying tot Toronto tonight.

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, June 26, 2013 10:43 AM  
**To:** Juj,Hardev S (BPA) - TP-DITT-2  
**Subject:** PGE Exec breakfast tomorrow

Hardev – Not sure if you were planning to be at the PGE exec breakfast tomorrow, but Larry won't be attending. Claudia will, and Maria Pope is planning to be there, for a focused discussion on the discount rate issue.

---

**From:** "Kohne,Kyle R (BPA) - TPP-OPP-3"  
**Sent:** 6/24/2013 6:43:14 PM +00:00  
**To:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>;  
"Radcliff,Tony P (BPA) - TPP-OPP-3" <apradcliff@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: RAS valuation

Lauren,

Please reschedule this meeting to next week if possible.

Thanks!

Kyle

---

**From:** Tenney,Lauren E (BPA) - TSP-TPP-2  
**Sent:** Monday, June 24, 2013 10:58 AM  
**To:** Kohne,Kyle R (BPA) - TPP-OPP-3; Radcliff,Tony P (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RAS valuation

Good morning,

I had a placeholder scheduled this week to discuss valuing the RAS proposal from PGE. I wanted to check in and see if this should be pushed back and if so until when?

Also – would this meeting be a good time to discuss valuing PGE’s redipatch proposal or does that meeting require different SMEs?

Thanks!

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"

**Sent:** 6/21/2013 10:28:17 PM +00:00

**To:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>

Was Johns idea for still holding the meeting Thursday morning with Claudia attending to have her in the room to discuss the O&M and discount rate issues or was there more to it? And would any other execs be there or just Her?

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 6/19/2013 2:41:29 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>  
**Subject:** Weekly updates

Lauren,

I was wondering if we wanted to set up meetings late Wednesday afternoons maybe half hour phone calls to discuss and put notes down on the two meetings (Tuesday/Wednesday mornings) while everything is still fresh on our minds compared to waiting until maybe Friday. I was thinking we could use that time to add or edit the weekly "working" document we discussed a few weeks ago, then maybe that document is something we can hand out for our Friday meetings, and also send as an update to management as well. I know it might be nice to get what we discuss on Fridays into those documents, but being realistic and knowing our meetings go late on Friday afternoons makes me think rolling those changes into the next week is more ideal. I'm just trying to think of ways to stay organized and ahead of some of this work, because the busier I/we get the more important organization becomes. Let me know what you think. Thanks.

Damen

---

**From:** "Fountain,David H (CONTR) - NNT-1"  
**Sent:** 6/13/2013 6:56:14 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Woodrow,Caleb P (CONTR) - NNT-1" <cpwoodrow@bpa.gov>;  
"Breitbach,Cory D (CONTR)" <cdbreitbach@bpa.gov>;  
"Koroteyev,Aleksande G (CONTR) - NNT-1" <agoroteyev@bpa.gov>  
**Subject:** Visitor Access Request

Lauren,

On Wednesday June 12, 2013 you had several visitors without a VAR. PGE meeting attendees were Cece Coleman, Amanda Light, Frank Afrantji and John Sullivan. You filled out a temporary copy but we need an electronic version. Please submit as soon as possible. The form number is 5632.11e, 9/19/2012. Remember that all Visitor Access Requests are to be submitted 24 hours in advance.

Thank You  
Security Officer D. Fountain  
Rams Specialized Security Service, Inc.  
Physical Security, NNT  
Bonneville Power Administration, Portland, OR  
Desk 503-230-3722

---

**Meeting Title:** Walk through slides for Exec TB on CCTP  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/12/2013 9:29:17 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Hardin,Craig  
A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Josephson,Ryan D (BPA)  
- DBC-3" <rdjosephson@bpa.gov>; "Fredrickson,Rebecca E (BPA) -  
TSPQ-TPP-2" <refredrickson@bpa.gov>  
**Location:** TPP 125 Bridge x. 8001 p/c 6294  
**Start Time:** 6/13/2013 9:00:00 PM +00:00  
**End Time:** 6/13/2013 10:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 6/13/2013 9:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Christen,Camille A (BPA) -  
LT-7; Johnson,Anders L (BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) -  
TPP-OPP-3; Hardin,Craig A (BPA) - TSE-TPP-2; Josephson,Ryan D  
(BPA) - DBC-3; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; TPP  
125(12)

When: Thursday, June 13, 2013 2:00 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).  
Where: TPP 125 Bridge x. 8001 p/c 6294

Note: The GMT offset above does not reflect daylight saving time adjustments.

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**From:** "Brookshire,Sherry S (BPA) - T-DITT2"  
**Sent:** 6/7/2013 12:20:07 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Bekkedahl,Larry N (BPA) - T-DITT2" <lnbekkedahl@bpa.gov>  
**CC:** "Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**Subject:** RE: CCTP Executive Briefing

k  
*Sherry*

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, June 06, 2013 4:48 PM  
**To:** Bekkedahl,Larry N (BPA) - T-DITT2  
**Cc:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Subject:** RE: CCTP Executive Briefing

Yes, it can though it would be really useful for Randy to participate. I have a meeting with ops tomorrow morning – can we check in on how important her participation might be after that (its at 10:00)?

---

**From:** Brookshire,Sherry S (BPA) - T-DITT2 **On Behalf Of** Bekkedahl,Larry N (BPA) - T-DITT2  
**Sent:** Thursday, June 06, 2013 4:46 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: CCTP Executive Briefing

Larry should be included in this and he is not available. Can this move back to 3?

*Sherry*

-----Original Appointment-----

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, June 06, 2013 4:29 PM  
**To:** Brookshire,Sherry S (BPA) - T-DITT2  
**Subject:** CCTP Executive Briefing  
**When:** Friday, June 14, 2013 4:00 PM-5:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** Ditt 211; Bridge 8001 p/c 6416#

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**From:** "Ebert,Heather A (BPA) - TS-DITT-2-A"  
**Sent:** 6/7/2013 5:17:16 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2"  
<refredrickson@bpa.gov>  
**Subject:** Talking points for Kim

Larry has asked Kim to cover the COO call on Tuesday since he will be out of town. He proposed Cascade Crossing and Rate case as two topics we'd bring to the table. Could you get some talking points to Kim for the COO call. I believe that venue is a basic status update.

Thanks!

*Heather Ebert*  
*Executive Assistant to*  
*Kim Leathley*  
*Acting VP, Transmission Marketing and Sales*  
*360-418-2999*

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/6/2013 11:52:03 PM +00:00  
**To:** "Hakala,Tuuli M (CONTR) - TSPP-TPP-2" <tmhakala@bpa.gov>;  
"Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>;  
"Mantifel,Russell (BPA) - TSPP-TPP-2" <rxmantifel@bpa.gov>;  
"King,Eric V (BPA) - TSPP-TPP-2" <evking@bpa.gov>; "Chan,Allen C  
(BPA) - LT-7" <acchan@bpa.gov>; "Burbank,Nita M (BPA) - SR-7"  
<nmburbank@bpa.gov>; "Morales,Len (BPA) - TPWP-TPP-4"  
<lwmorales@bpa.gov>; "Olsen,Carol A (BPA) - KSC-TPP-1"  
<caolsen@bpa.gov>; "Wheelon,Burton C (BPA) - FBT-MODD"  
<bcwheelon@bpa.gov>; "Potter,Nikki M (BPA) - FRP-2"  
<mnmay@bpa.gov>; "Lockman,Christopher L (BPA) - KSC-4"  
<ccllockman@bpa.gov>; "Messinger,Ron E (BPA) - TSPQ-TPP-2"  
<remessinger@bpa.gov>; "Gaube,Stephen J (BPA) - FTC-2"  
<sjgaube@bpa.gov>; "Mertsching,Anita M (BPA) - FTC-2"  
<ammertsching@bpa.gov>; "Pearson,Terrin L (CONTR) - TSPP-TPP-2"  
<tlpearson@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Thanks for your help from the CCTP team

I just wanted to send out a big thanks to all of you for meeting with the CCTP team this past week to discuss the relationships between the project and issues you are working on. It really helps out to get an idea of how all of these fit together. I just wanted to say an extra thanks for taking the time to educate us.

If you have any other thoughts about how the proposed capacity ownership may interact with some of these issues please let Lauren N-K or me know – we'd like to discuss any thoughts you have.

Thanks!

---

**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 6/6/2013 7:20:46 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: PGE / BPA BAs Discussion

Please set this meeting up at Dittmer per Larry's request.

*Sherry*

-----Original Appointment-----

**From:** Singleton, Kristin M (CONTR) - TSP-TPP-2 **On Behalf Of** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, June 06, 2013 8:55 AM  
**To:** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2; Bekkedahl, Larry N (BPA) - T-DITT2; Thomas, Randi R (BPA) - TO-DITT2; Mainzer, Elliot E (BPA) - D-7; Leathley, Kimberly A (BPA) - TS-DITT-2-A  
**Subject:** PGE / BPA BAs Discussion  
**When:** Wednesday, July 10, 2013 3:00 PM-4:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TBD

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**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 6/6/2013 4:09:31 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: PGE / BPA BAs Discussion

You should be able to use CSB 102A. I know it is already reserved, but the XMT should be over by then.

*Sherry*

-----Original Appointment-----

**From:** Singleton, Kristin M (CONTR) - TSP-TPP-2 **On Behalf Of** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, June 06, 2013 8:55 AM  
**To:** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2; Bekkedahl, Larry N (BPA) - T-DITT2; Thomas, Randi R (BPA) - TO-DITT2; Mainzer, Elliot E (BPA) - D-7; Leathley, Kimberly A (BPA) - TS-DITT-2-A  
**Subject:** PGE / BPA BAs Discussion  
**When:** Wednesday, July 10, 2013 3:00 PM-4:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TBD

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 6/6/2013 3:32:16 PM +00:00  
**To:** "Albright,Margaret I (BPA) - TOT-DITT2" <mialbright@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Kitali,Salah H (BPA) - TO-DITT2" <shkitali@bpa.gov>; "Anasis,John G (BPA) - TOT-DITT2" <jganasis@bpa.gov>; "Thomas,Randi R (BPA) - TO-DITT2" <rrrthomas@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** RE: Provide Update on PGE Negotiations? CONFIDENTIAL  
Hello,

I am unable to attend tomorrow due to a conflict with another meeting.

Thanks,  
Anders

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**From:** Albright,Margaret I (BPA) - TOT-DITT2  
**Sent:** Friday, May 24, 2013 2:04 PM  
**Required:** Albright,Margaret I (BPA) - TOT-DITT2; Kohne,Kyle R (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Kitati,Salah H (BPA) - TO-DITT2; Anasis,John G (BPA) - TOT-DITT2; Thomas,Randi R (BPA) - TO-DITT2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Optional:** Tenney,Lauren E (BPA) - TSP-TPP-2; Christen,Camille A (BPA) - LT-7  
**Subject:** Provide Update on PGE Negotiations? CONFIDENTIAL  
**When:** Friday, June 07, 2013 10:00 AM-11:00 AM.  
**Where:** Dittmer 216

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**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 6/5/2013 2:57:41 PM +00:00  
**To:** "Gaube,Stephen J (BPA) - FTC-2" <sjgaube@bpa.gov>;  
"Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>; "Josephson,Ryan D (BPA) - DBC-3" <rdjosephson@bpa.gov>; "Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2" <refredrickson@bpa.gov>; "Mertsching,Anita M (BPA) - FTC-2" <ammertsching@bpa.gov>; "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** RE: Understanding capital issues to help CCTP discussion

Phone bridge added below.

When: Wednesday, June 05, 2013 10:00 AM-11:00 AM (GMT-08:00) Pacific Time (US & Canada).  
Where: Rm 606

Note: The GMT offset above does not reflect daylight saving time adjustments.

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If this is a recurring bridge, please mark your calendar for one month before the end date to call x5050 to reschedule.

**TO ADD THIS TO YOUR PERSONAL CALENDAR, HIT ACCEPT, **CHANGE OPTION TO (DON'T SEND A RESPONSE)****

**Please do not forward bridge invites sent by the telephone office, as all replies and responses will come back us. To send this bridge information to participants, go to your calendar and open what we sent you. Copy the information by marking the text. Create a new time block and then paste the bridge information into it, invite the attendees you wish to send this to. You will now receive responses from the invitees and will know the who will be participating. Thank You.**

Your request for a bridge has been filled with a Meet-Me conference bridge. To access this conference bridge all callers must dial 503-230-3071. There is no passcode. The first caller will hear ringing until a second caller dials. All other callers will be connected directly. Do not put this conference call on hold. Hold will block all other callers from getting into the conference call. This Meet-Me conference bridge is limited to 12 callers.

If you need assistance dialing into the bridge, have questions or problems or need to cancel this bridge, please call x5050 or x5000.

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**From:** Gaube,Stephen J (BPA) - FTC-2  
**Sent:** Wednesday, June 05, 2013 7:48 AM

**To:** Tenney,Lauren E (BPA) - TSP-TPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2; Josephson,Ryan D (BPA) - DBC-3; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Mertsching,Anita M (BPA) - FTC-2; Christen,Camille A (BPA) - LT-7  
**Subject:** RE: Understanding capital issues to help CCTP discussion

Good morning,

Attached are some materials for our 10:00 discussion about Access to Capital. We're planning to talk mostly from the QBR slides below, but the other 2 documents are good reference materials as well. I'll be bringing a few copies of the QBR slides to the conference room.

QBR slides:

<< File: 2013 1st Qtr QBR\_A2C slides.pdf >>

Access to Capital Strategy:

<< File: Access to Capital - Final Strategy.pdf >>

Strategy Implementation:

<< File: A2C Strategy Implementation.docx >>

Thanks,

-Steve

-----Original Appointment-----

**From:** Tenney,Lauren E (BPA) - TSP-TPP-2

**Sent:** Monday, May 20, 2013 12:38 PM

**To:** Tenney,Lauren E (BPA) - TSP-TPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2; Josephson,Ryan D (BPA) - DBC-3; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Gaube,Stephen J (BPA) - FTC-2; Mertsching,Anita M (BPA) - FTC-2; Christen,Camille A (BPA) - LT-7

**Subject:** Understanding capital issues to help CCTP discussion

**When:** Wednesday, June 05, 2013 10:00 AM-11:00 AM (UTC-08:00) Pacific Time (US & Canada).

**Where:** HQ 606VP(24)

**Meeting Title:** PGE / BPA Cascade Crossing Meeting  
**From:** "Dexter,Lisa L (CONTR) - TSE-TPP-2"  
**Sent:** 6/4/2013 8:35:38 PM +00:00  
**To:** "Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2" <refredrickson@bpa.gov>; "Linn,Michael R (BPA) - TSPQ-TPP-2" <mrlinn@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; 'John Sullivan (John.Sullivan@pgn.com)'; 'Frank Afranji' <Frank.Afranji@pgn.com>; 'Stefan Brown' <Stefan.Brown@pgn.com>; 'mike.ryan@pgn.com'; 'Doug.kuns@pgn.com'; 'Cece Coleman' <Cece.Coleman@pgn.com>; 'Dean Smith' <Dean.Smith@pgn.com>; (b)(6)  
**CC:** (b)(6); "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>; "Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>; "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>; "Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; 'Joseph Ross' <Joseph.Ross@pgn.com>; "Josephson,Ryan D (BPA) - DBC-3" <rdjosephson@bpa.gov>  
**Location:** OPP 348, Phone Bridge: 360-418-8001 p/c 6011#  
**Start Time:** 1/8/2013 4:00:00 PM +00:00  
**End Time:** 1/8/2013 6:00:00 PM +00:00  
**Duration:** 2 hours  
**Reminder Time:** 1/8/2013 4:00:00 PM +00:00  
**Is Recurring:** true  
**Recurrence Type:** Weekly  
**Recurrence Pattern:** every Tuesday from 8:00 AM to 10:00 AM  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Linn,Michael R (BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2; 'John Sullivan (John.Sullivan@pgn.com)'; 'Frank Afranji'; 'Stefan Brown'; 'mike.ryan@pgn.com'; 'Doug.kuns@pgn.com'; 'Cece Coleman'; 'Dean Smith'; (b)(6); (b)(6); Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Tenney,Lauren E (BPA) - TSP-TPP-2; Christen,Camille A (BPA) - LT-7; Johnson,Anders L (BPA) - TPL-OPP-2; Sigurdson,Ryan M (BPA) - LT-7; Aggarwal,Ravi K (BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; 'Joseph Ross'; Josephson,Ryan D (BPA) - DBC-3

When: Occurs every Tuesday effective 1/8/2013 until 11/26/2013 from 8:00 AM to 10:00 AM (GMT-08:00) Pacific Time (US & Canada).

Where: OPP 348, Phone Bridge: 360-418-8001 p/c 6011#

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

6/4/13 - Series extended. -Lisa, x6632

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**From:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2"  
**Sent:** 6/4/2013 8:29:27 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: CCTP Briefing

Could you go ahead and set one up? I suspect some folks will be calling in. THANKS for thinking of it.

-----Original Appointment-----

**From:** Singleton,Kristin M (CONTR) - TSP-TPP-2 **On Behalf Of** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, June 04, 2013 10:02 AM  
**To:** Mainzer,Elliot E (BPA) - D-7; HQ 719 Exec VTC(25); Bleiler,Damen C (BPA) - FTT-2; Christen,Camille A (BPA) - LT-7; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Josephson,Ryan D (BPA) - DBC-3; Kohne,Kyle R (BPA) - TPP-OPP-3; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Tenney,Lauren E (BPA) - TSP-TPP-2  
**Subject:** CCTP Briefing  
**When:** Thursday, June 27, 2013 8:00 AM-9:00 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** HQ 719VP

Please let me know if a bridge is required.

---

**From:** "Singleton,Kristin M (CONTR) - TSP-TPP-2"  
**Sent:** 6/4/2013 3:24:01 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Upcoming Exec/Team meeting on CCTP

Lauren,

I got the Executive Briefing on the calendar from 6/14 from 3-4... I did not invite Randi, because I hadn't heard. Let me know if you want me to add her to the invite.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, June 03, 2013 1:05 PM  
**To:** Thomas,Randi R (BPA) - TO-DITT2  
**Cc:** Tenney,Lauren E (BPA) - TSP-TPP-2; Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Subject:** Upcoming Exec/Team meeting on CCTP

Randi – I know we haven't had our discussion on the Cascade Crossing Transmission Project yet, but I wanted to let you know that we are working on getting the next exec/team meeting on it scheduled (probably several weeks out at this point, given calendars). However, my question for you is whether you should be on the list of execs to be included. Second question is whether someone from your staff should be included. THANKS.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"

**Sent:** 6/4/2013 3:15:15 PM +00:00

**To:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>

I wasn't able to make it over to TPP this morning but are you guys on the bridge?

Damen

---

**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 6/3/2013 11:51:26 PM +00:00  
**To:** "Rodrigues,Melvin T (BPA) - TPP-OPP-3" <mtrodrigues@bpa.gov>;  
"Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>  
**Subject:** PGE's Announcement on BPA MOU, Suspension of Cascade Crossing,  
and Generation RFP Selections

<http://investors.portlandgeneral.com/releasedetail.cfm?ReleaseID=768816>

---

**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 6/3/2013 11:15:51 PM +00:00  
**To:** "Grimm,Lydia T (BPA) - KEC-4" <ltgrimm@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Important News Release From Portland General Electric Company Including Announcement to Suspend Permitting for the Cascade Crossing Project

Thanks Lydia. I'm thankful our part of this was bundled in their Franken-announcement of numerous things. Think for the time being, we're being lost in the shuffle, which is fine with me.

**Doug Johnson**  
Bonneville Power Administration  
503-230-5840

---

**From:** Grimm,Lydia T (BPA) - KEC-4  
**Sent:** Monday, June 03, 2013 4:13 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** FW: Important News Release From Portland General Electric Company Including Announcement to Suspend Permitting for the Cascade Crossing Project

FYI, news has made it to BLM folks and DOI's contact for the regional pilot infrastructure team.

**From:** Roberta Estes [mailto:restes@blm.gov]  
**Sent:** Monday, June 03, 2013 3:53 PM  
**To:** Carol Benkosky; Haske, Michael J; Jerome Perez; Michael Schoessler; O'Ferrall, Frederick; Jensen, Catherine A; Mottice, Michael S; Leslie Frewing; Joshua Hanson; Lucero, Lucas J; Berns, Kim M; Ransel, Beth E  
**Cc:** Grimm,Lydia T (BPA) - KEC-4; Sally Sovey; Jody Weil; Campbell, Michael P; Hollen, Bruce A; Brown, Molly M; Faver, Homer (Chip) F; Clark, Jeff; Lisa Clark; Straub, Renee L; McDonald,Stanley A; Nancy Brown; Zancanella, John K; McClory,Claire D (BPA) - KEC-4; Dent, Christopher A; Timothy Moore; mkroll@blm.gov; Cork, Dana M; Greg Ciannella; Currie, Gregory S; Demmer, Richard J; Monte\_Kuk@blm.gov; Galbraith, Molly; Hutchison, Janet A; hmottl@blm.gov; Pastor, Richard A; Purrington, Teal M; Robertson, Stephen R; arobertson@blm.gov; John McCarty; Bailey, Cathi M; Harris, Cathy L; Lightcap, Scott W; Doelker, Albert H; Ruchi Sadhir

**Subject:** Important News Release From Portland General Electric Company Including Announcement to Suspend Permitting for the Cascade Crossing Project

Hello All:

I just received a call from John Sullivan, PGE's Director for the Cascade Crossing Transmission Line Project, thanking us for our multi-year effort with this project. PGE is suspending permitting and development of the project. Please see the attached news release for details.

I'll keep you posted as I hear more.

Best wishes.....Robin

Roberta (Robin) B. Estes

OR/WA BLM FERC Hydropower Coordinator

BLM Cascade Crossing Project Manager

Division of Resource Planning, Use & Protection

Oregon State Office

Bureau of Land Management

Office Phone (541) 416-6728

**(b)(6)**

BlackBerry

The Bureau of Land Management enhances the quality of life for all citizens through the balanced stewardship of America's public lands and resources. We sustain the health,

diversity and productivity of the public lands for the use and enjoyment of present and future generations.

---

**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 6/3/2013 9:27:27 PM +00:00  
**To:** "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>; "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Johnson,G Douglas (BPA) - DKPM-7" <gdjohnson@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Egusa,Sean R (CONTR) - TSP-TPP-2" <sregusa@bpa.gov>  
**Subject:** RE: Still waiting on plan to go public re: MOU  
Looks like PGE has put its public announcements in place. We can post the MOU and do the other communications items.

On PGE's website:

<http://investors.portlandgeneral.com/releasedetail.cfm?ReleaseID=768816>

**From:** Christen,Camille A (BPA) - LT-7  
**Sent:** Monday, June 03, 2013 2:20 PM  
**To:** Christen,Camille A (BPA) - LT-7; Tenney,Lauren E (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,G Douglas (BPA) - DKPM-7; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Egusa,Sean R (CONTR) - TSP-TPP-2  
**Subject:** Still waiting on plan to go public re: MOU

Just an fyi: I have not heard any update from PGE so assume we are still waiting/in a holding pattern and not releasing anything yet. Thank you!

**From:** Christen,Camille A (BPA) - LT-7  
**Sent:** Monday, June 03, 2013 12:53 PM  
**To:** Tenney,Lauren E (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** FW: Delay press release until 2:15 p.m. today (at the earliest)

PGE's plan at this time is to delay the press release and filing of the 8k until 2:15 today. It could be delayed further, but I'll keep you posted as I hear.

---

**Meeting Title:** Understanding Slice  
**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/3/2013 8:49:14 PM +00:00  
**To:** "Pearson,Terrin L (CONTR) - TSPP-TPP-2" <tlpearson@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Josephson,Ryan D (BPA) - DBC-3" <rdjosephson@bpa.gov>; "Nichols-  
Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Gaube,Stephen J (BPA) - FTC-2" <sjgaube@bpa.gov>;  
"Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Location:** TPP 228 Bridge x. 8001 p/c 4258  
**Start Time:** 6/6/2013 9:00:00 PM +00:00  
**End Time:** 6/6/2013 10:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 6/6/2013 9:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Pearson,Terrin L (CONTR) - TSPP-TPP-2; Bleiler,Damen C (BPA) -  
FTT-2; Josephson,Ryan D (BPA) - DBC-3; Nichols-Kinas,Lauren (BPA) -  
TSP-TPP-2; Gaube,Stephen J (BPA) - FTC-2; Christen,Camille A (BPA)  
- LT-7

When: Thursday, June 06, 2013 2:00 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).

Where: TPP 228 Bridge x. 8001 p/c 4258

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

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**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 6/3/2013 8:01:05 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>  
**Subject:** RE: Friday's team meeting

I think it would be good to meet for a little bit on Thursday after our slice meeting. I didn't include the whole team on the slice meeting just the econ group and legal since I thought those were most pertinent.

Damen do you want to use the time on Friday to work through some of the economic stuff? We could work on valuation of PGE assets if you think that would be productive or at least dole out "to dos" to get the right people going on the background info we need to get that stuff going.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, June 03, 2013 12:58 PM  
**To:** Tenney,Lauren E (BPA) - TSP-TPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** Friday's team meeting

I won't be able to make the Friday team meeting (interviews instead). Do you think we should cancel it and try to extend the Thursday conversation, or do you want to go ahead?

---

**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 6/3/2013 7:56:16 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Slight delay to PGE announcement

My bet is on 4:00

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, June 03, 2013 12:55 PM  
**To:** Bekkedahl,Larry N (BPA) - T-DITT2; Leathley,Kimberly A (BPA) - TS-DITT-2-A; Andrews,Claudia R (BPA) - F-2; Juj,Hardev S (BPA) - TP-DITT-2  
**Cc:** King,Robert D (BPA) - TSP-TPP-2; Fitzsimmons,David A (BPA) - TSE-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Slight delay to PGE announcement

Just a quick note to let you know that PGE has delayed their announcement until at least 2:15. We'll know soon whether there may be a longer delay.

---

**From:** "Symes,Tanya L (CONTR) - TSRS-DITT-1"  
**Sent:** 5/31/2013 10:21:51 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Rogen,Vicki L (BPA) - TSRS-DITT-1" <vlrogen@bpa.gov>  
**Subject:** RE: Posting Will Be Needed

We received an email from Sean about a posting at 1:05 on Monday. We are assuming this is the same posting as mentioned in this email. We will check in with everyone Monday morning for an update.

Thanks for the heads up. It's helpful to know ahead of time when it's time sensitive.

Tanya

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, May 31, 2013 2:28 PM  
**To:** Symes,Tanya L (CONTR) - TSRS-DITT-1; Rogen,Vicki L (BPA) - TSRS-DITT-1  
**Subject:** Posting Will Be Needed

We will have a new posting that we will need to do on late Monday or Tuesday morning (more likely), not sure if others have been able to give you a head's up yet. It will be in addition to the PGE MOU that we've posted previous.

---

**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 5/30/2013 6:45:09 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Ten Eyck,Donna L (BPA) - TSES-TPP-2" <dlteneck@bpa.gov>  
**Subject:** RE: Your review of MOU needed

Looking at it now. Just got out of a meeting with the Administrator.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, May 30, 2013 11:43 AM  
**To:** Christen,Camille A (BPA) - LT-7  
**Cc:** Ten Eyck,Donna L (BPA) - TSES-TPP-2  
**Subject:** Your review of MOU needed

Camille – Donna needs your final review ASAP before she can get it to Craig and Dave so that we can get it to Larry for signature.

---

**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 5/29/2013 6:16:26 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: The add'l language

I already sent Cece a note asking about it, so we'll see. Sorry!

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, May 29, 2013 11:16 AM  
**To:** Christen,Camille A (BPA) - LT-7  
**Subject:** The add'l language

If they don't bring up the additional language, should we? I don't want to get done, and then have them panic that its not there, but?

---

**From:** "Josephson,Ryan D (BPA) - DBC-3"  
**Sent:** 5/17/2013 7:09:44 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Question

Ok thanks ...

Ryan Josephson

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, May 17, 2013 11:46 AM  
**To:** Josephson,Ryan D (BPA) - DBC-3  
**Subject:** Re: Question

Please feel free to do so.

**From:** Josephson,Ryan D (BPA) - DBC-3  
**Sent:** Friday, May 17, 2013 10:01 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Question

Is it possible to invite Sam to the check-ins with Bill on CCTP?  
Ryan Josephson

---

**From:** "Brookshire,Sherry S (BPA) - T-DITT2"  
**Sent:** 5/14/2013 12:11:28 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**Subject:** RE: Follow-up CCTP Meeting

Lauren,

I know we did this once before, so I'm asking that we please set these meetings up through me instead of Sandy. Larry wants to be included/informed and Monday doesn't work for Larry's calendar.

I've called Sandy and she is looking at Tuesday around 3 or 4. After I hear back from Sandy, I'll contact Kristin on whether to move or cancel the meeting.

Thanks,

*Sherry*

-----Original Appointment-----

**From:** Singleton,Kristin M (CONTR) - TSP-TPP-2 **On Behalf Of** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, May 13, 2013 2:08 PM  
**To:** Brookshire,Sherry S (BPA) - T-DITT2  
**Subject:** Follow-up CCTP Meeting  
**When:** Monday, May 20, 2013 11:00 AM-12:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** HQ 719

Scheduling a follow-up meeting at Bill's request. Please let me know if a bridge is required. (There is no longer "standing bridge" to use for front office meetings.)  
- K. Singleton x6708

---

**From:** "Binus,Joshua D (BPA) - SP-7"  
**Sent:** 5/13/2013 8:04:26 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Arison,Sarah K (BPA) - TSP-TPP-2" <skbermejo@bpa.gov>;  
"Coatney,Tom (BPA) - TSPQ-TPP-2" <tdcoatney@bpa.gov>  
**Subject:** RE: PGE Cross Cascades DSG/Redispatch contact - 5/13/2013

Here is Joe Barra's (PGE) contact info: 503-464-8552, joe.barra@pgn.com

Joshua

---

**From:** Arison,Sarah K (BPA) - TSP-TPP-2  
**Sent:** Monday, May 13, 2013 10:41 AM  
**To:** Wood,Katie (CONTR) - TSE-TPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Binus,Joshua D (BPA) - SP-7; Hillegas-Elting,James V (BPA) - PEJD-1; Brown,Frank E (BPA) - PES-SEATTLE; Radcliff,Tony P (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Coatney,Tom (BPA) - TSPQ-TPP-2; Knudsen,F Steven (BPA) - PTL-5; Johnson,Kevin M (BPA) - TOK-DITT-2; Kochheiser,Todd W (BPA) - TOK-DITT-2; Kuraspediani,Daniel K (BPA) - TOT-DITT2; Salazar,Tracey L (BPA) - TSPP-TPP-2; Westman,Erik D (BPA) - DBE-3; Korsness,Mark A (BPA) - TEP-TPP-3; Symonds,Mark C (BPA) - SR-7  
**Subject:** PGE Cross Cascades Project Meeting Notes - 5/13/2013

**Duplicate attachment**

<< File: I-5 Notes from CrossCascades w PGE.doc >> [Thanks for the good discussion today. Attached are meeting notes with team member assignments identified. Sarah :-\)](#)

---

**From:** Wood,Katie (CONTR) - TSE-TPP-2  
**Sent:** Wednesday, May 08, 2013 10:14 AM  
**To:** Wood,Katie (CONTR) - TSE-TPP-2; Arison,Sarah K (BPA) - TSP-TPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Binus,Joshua D (BPA) - SP-7; Hillegas-Elting,James V (BPA) - PEJD-1; Brown,Frank E (BPA) - PES-SEATTLE; Radcliff,Tony P (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Coatney,Tom (BPA) - TSPQ-TPP-2; Knudsen,F Steven (BPA) - PTL-5; Johnson,Kevin M (BPA) - TOK-DITT-2; Kochheiser,Todd W (BPA) - TOK-DITT-2; Kuraspediani,Daniel K (BPA) - TOT-DITT2; Salazar,Tracey L (BPA) - TSPP-TPP-2; Westman,Erik D (BPA) - DBE-3; Korsness,Mark A (BPA) - TEP-TPP-3; Symonds,Mark C (BPA) - SR-7  
**Subject:** PGE Cross Cascades Project  
**When:** Monday, May 13, 2013 8:30 AM-9:30 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** TPP 200(25)/ Phone Bridge 8001 (360-418-8001) Pass Code 6832#

Scheduled on behalf of Sarah.

To call into the bridge dial ext. 8001 (360-418-8001), and at any time during or after the message and the double beep, enter 6832 #.

The system will not allow access into the bridge until 5 minutes before the start time of your conference.

Callers can mute or un-mute their lines by pressing \*6. If you will not be speaking, please mute your line to minimize noise on the bridge.

Participants should not place this call on hold; doing so will cause other participants to hear their hold music.

If you need assistance dialing into the bridge, have questions or problems, or need to cancel this bridge, please contact the BPA Phone office at x8888 (360-418-8888) or x5050 (503-230-5050).

---

**From:** "Singleton,Kristin M (CONTR) - TSP-TPP-2"  
**Sent:** 5/9/2013 7:44:22 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: CCTP

Evidently Lauren already spoke to the Sherry Brookshire, and we're going to keep the 9-12 time slot. Talk to her first, but the last time I checked in, that's the way it was, and I sent out the update to the invitation accordingly.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, May 09, 2013 12:42 PM  
**To:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Subject:** RE: CCTP

I've forwarded that information to John and will talk to him about it tomorrow to reinforce it.

---

**From:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Sent:** Thursday, May 09, 2013 8:03 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Cc:** Tenney,Lauren E (BPA) - TSP-TPP-2; Brookshire,Sherry S (BPA) - T-DITT2  
**Subject:** RE: CCTP

Lauren,

The placeholder invitation that Lauren Tenney had me send out for this event was from 8:00 - 11:00 because that's when the execs were available. I'm happy to update the invitation with the location, and add the participants below, however I believe the original time of 8-11 needs to be kept to ensure Executive participation. Can we contact PGE and let them know? They will likely need to adjust their time with the room at the Sheraton.

Let me know how you'd like to proceed.

Kristin

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, May 08, 2013 2:10 PM  
**To:** Brookshire,Sherry S (BPA) - T-DITT2  
**Cc:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** CCTP  
**Importance:** High

PGE didn't invite our folks, but is expecting that we'll send out invites. I think you've already done that for all of these folks? THANKS.

**Time:** Actual Meeting time is 9:00-12:00; This appointment includes travel time to and from retreat  
**Location:** The Mt. Adams Ballroom at the Sheraton, Portland Airport, 8235 NE Airport Way, Portland, OR 97220  
**Catering:** A continental breakfast will be served  
**Agenda:** Will be sent at a later date

PGE/BPA Executive Negotiations Session, Thursday May 16, 2013

Name	Attendance	Response
Anders Johnson	Required Attendee	Tentative
'Cathy Ehli'	Required Attendee	Tentative
Claire McClory	Required Attendee	None
Claudia Andrews	Required Attendee	None
'Craig Hardin'	Required Attendee	None
Damen Bleiler	Required Attendee	None
Hardev Juj	Required Attendee	Declined
'Kyle Kohne'	Required Attendee	Declined
Larry Bekkedahl	Required Attendee	Declined
Lauren Nichols	Required Attendee	Accepted
Lauren Tenney	Required Attendee	Accepted
Paul Norman	Required Attendee	None
Ravi Aggarwal	Required Attendee	None
Ryan Josephson	Required Attendee	Accepted
Ryan Sigurdson	Required Attendee	None
Bill Nicholson	Required Attendee	None
Cece Coleman	Required Attendee	Accepted
Frank Afranji	Required Attendee	Accepted
John Sullivan	Required Attendee	None
Joseph Ross	Required Attendee	Accepted
Maria Pope	Required Attendee	Accepted
Mike Ryan	Required Attendee	None
Stefan Brown	Required Attendee	Tentative
WALTER E POLLOCK	Required Attendee	None
Dave Robertson	Required Attendee	Accepted
Jim Lobdell	Required Attendee	Tentative
'Mike Mikolaitis	Optional Attendee	Accepted
'kaleathley@bpa.gov'	Required Attendee	None

---

**From:** "Tenney,Lauren E (BPA) - TSP-TPP-2"  
**Sent:** 5/7/2013 12:10:49 AM +00:00  
**To:** "King,Robert D (BPA) - TSP-TPP-2" <rdking@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Scott,Lisa J (CONTR) - TSPQ-TPP-2" <ljscscott@bpa.gov>;  
"Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**Subject:** Refreshments for Bill meeting with Jim Piro

Hi Bob,

Lisa has been working on trying to get refreshments for the meeting with Bill and Jim on Thursday morning at 6:30. Apparently we cannot order refreshments for the meeting because the meeting is only between BPA and one customer and that might look discriminatory. Is there anything else we can do to at least get coffee for the meeting since it is the Administrator and the CEO and it is happening so early in the morning?

Thanks!

---

**From:** "Singleton,Kristin M (CONTR) - TSP-TPP-2"  
**Sent:** 5/7/2013 8:28:57 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Email list set up

Ok... I've sent the request to Bob for approval, and then I'll work with the help desk to get it done. Might take a day or so.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, May 07, 2013 1:03 PM  
**To:** Singleton,Kristin M (CONTR) - TSP-TPP-2  
**Subject:** Email list set up

Kristin – Could you set up a group for “CCTP Internal Team” with the following members?

Damen Blieler  
Rebecca Fredrickson  
Camille Christen  
Ryan Sigurdson  
Kyle Kohne  
Anders Johnson  
Ryan Josephson  
Craig Hardin  
Lauren Tenney  
Lauren Nichols-Kinas

THANKS!

---

**From:** "Leathley, Kimberly A (BPA) - TS-DITT-2-A"  
**Sent:** 5/7/2013 5:17:36 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "King, Robert D (BPA) - TSP-TPP-2" <rdking@bpa.gov>  
**Subject:** Re: Draft agenda for May 9 meeting

Hi Lauren - I'll forward it but do you think Bill is prepared for the discussion? It might be useful to capture our main points/positions on each of the topics. Thanks!

**From:** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, May 07, 2013 08:53 AM  
**To:** Leathley, Kimberly A (BPA) - TS-DITT-2-A  
**Cc:** King, Robert D (BPA) - TSP-TPP-2  
**Subject:** Draft agenda for May 9 meeting

Kim – I proposed the following draft agenda to John Sullivan for the May 9 meeting between Bill and Jim Piro.

1. Strategic perspective
2. Current proposal summary
3. Respective interests
4. Discussion
5. Next steps

If you would like to make any modifications, feel free. Otherwise, we need to forward this to the front office. If you would like me to do so, let me know. THANKS.

---

**From:** "Kohne,Kyle R (BPA) - TPP-OPP-3"  
**Sent:** 5/3/2013 5:56:41 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Today's Meeting - Cascade Crossing Follow-Up with Bill D.

Hi Lauren,

FYI - I will be calling in today for our Cascade Crossing Follow-Up with Bill D. from 2-3 pm.

Thanks!

Kyle

---

**From:** Paul Norman <(b)(6)>  
**Sent:** 4/23/2013 4:08:59 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>

I had to drop off the call this morning early. Plan to be there tomorrow for the economic meeting.

Anything of note come out of Bill's call with Jim Piro?

PN

---

**From:** "Ebert,Heather A (BPA) - TS-DITT-2-A"  
**Sent:** 4/12/2013 8:44:09 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Question on next week's Cascade Crossing mtg Friday

Sorry to bother! I know you're in training.  
I did a little more digging, checked in w/Sean as well.  
If it's ok to bump the briefing up to start at 1:00, I think that would be best.  
I know you'll be in training so we can hold it in 211 (I have it held)  
I can't make updates to your calendar, so I'll ask Kristin on Monday.  
I think we're good! Hope the training's going well!  
And thanks for your flexibility with this, Lauren. I appreciate it.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, April 12, 2013 1:30 PM  
**To:** Ebert,Heather A (BPA) - TS-DITT-2-A  
**Subject:** Re: Question on next week's Cascade Crossing mtg Friday

Yes - we can do whatever works for her - an hour would be fine too. I could also spend an hour with her at some other time without the broader team - that might work even better.

**From:** Ebert,Heather A (BPA) - TS-DITT-2-A  
**Sent:** Friday, April 12, 2013 11:58 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Question on next week's Cascade Crossing mtg Friday

Would you be able to get the briefing done in 1.5 hours rather than 2 hrs?  
I'm in a big calendar wrestling match - just trying to cover bases.  
Let me know what you think.

Thanks and happy Friday!

Heather  
2999

---

**From:** John Sullivan <John.Sullivan@pgn.com>  
**Sent:** 4/11/2013 5:32:37 PM +00:00  
**To:** "Tenney,Lauren E (BPA) - TSP-TPP-2" <letenney@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Singleton,Kristin M (CONTR) - TSP-TPP-2" <kmsingleton@bpa.gov>  
**Subject:** Re: New retreat date

Will do!

----- Original Message -----

**From:** Tenney,Lauren E (BPA) - TSP-TPP-2 [mailto:letenney@bpa.gov]  
**Sent:** Thursday, April 11, 2013 10:22 AM  
**To:** John Sullivan; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2 <lnichols@bpa.gov>; Singleton,Kristin M (CONTR) - TSP-TPP-2 <kmsingleton@bpa.gov>  
**Subject:** New retreat date

Hi John

Can you check May 14 from 9 to 12 with your folks?

Thanks and sorry again for the reschedule.

---

**From:** Paul Norman (b)(6)

**Sent:** 3/26/2013 4:54:22 PM +00:00

**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Bleiler, Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>

**Subject:** Update?

Lauren & Damen:

Could I maybe get 30 minutes with one or both of you to catch up on what has transpired in the last 10 days?

Thanks

PN

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 3/13/2013 7:20:00 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: Cross Cascades Exec Meeting Tomorrow

I will set it up as a conf call. Thanks

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, March 13, 2013 11:10 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Re: Cross Cascades Exec Meeting Tomorrow

Ideally that would still happen. Your thoughts?

**From:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Sent:** Wednesday, March 13, 2013 11:02 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Re: Cross Cascades Exec Meeting Tomorrow

So the meeting is off.....does this also mean I need to cancel the sub team meeting as well ??? We had a our scheduled from 9-10

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, March 13, 2013 09:22 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Fw: Cross Cascades Exec Meeting Tomorrow

FYI

**From:** Renner,Marcella P (BPA) - F-2  
**Sent:** Wednesday, March 13, 2013 09:02 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Cc:** Andrews,Claudia R (BPA) - F-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Mitman,Nancy M (BPA) - FT-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** RE: Cross Cascades Exec Meeting Tomorrow

Claudia is on vacation tomorrow. Neither Larry Bekkedahl or Claudia will be there. Sherry was going to call PGE to reschedule...

*Marcella P. Renner F-2*

*Finance / BPA / DOE*

503-230-5863

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Wednesday, March 13, 2013 8:27 AM  
**To:** Renner,Marcella P (BPA) - F-2  
**Cc:** Andrews,Claudia R (BPA) - F-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Mitman,Nancy M (BPA) - FT-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** Cross Cascades Exec Meeting Tomorrow

Marcella,

Can you let me know as soon as you can if Claudia is planning on attending the Cross Cascades Executive meeting that is scheduled for tomorrow morning (7:30am-9am) over at PGE? Larry is on vacation and Lauren N. isn't sure if Hardev (who is acting for Larry) will be available to attend, so her thinking is if Claudia can't attend we may cancel the meeting. If Claudia is planning on attending and she would like a quick update from Lauren and I, let me know if she has time available sometime today or we (or I) can draft her a brief email summarizing where we are in our recent staff level discussions. Thanks.

**Damen Bleiler**

Financial Analyst

Bonneville Power Administration

Phone 503-230-3394

<< OLE Object: Picture (Metafile) >>

BPA 75th  
Anniversary Logo

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 3/13/2013 6:02:28 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: Cross Cascades Exec Meeting Tomorrow

So the meeting is off.....does this also mean I need to cancel the sub team meeting as well ??? We had a our scheduled from 9-10

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
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**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Fw: Cross Cascades Exec Meeting Tomorrow

FYI

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**Sent:** Wednesday, March 13, 2013 09:02 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Cc:** Andrews,Claudia R (BPA) - F-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Mitman,Nancy M (BPA) - FT-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** RE: Cross Cascades Exec Meeting Tomorrow

Claudia is on vacation tomorrow. Neither Larry Bekkedahl or Claudia will be there. Sherry was going to call PGE to reschedule...

*Marcella P. Renner F-2*

*Finance / BPA / DOE*

*503-230-5863*

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Wednesday, March 13, 2013 8:27 AM  
**To:** Renner,Marcella P (BPA) - F-2  
**Cc:** Andrews,Claudia R (BPA) - F-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Mitman,Nancy M (BPA) - FT-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** Cross Cascades Exec Meeting Tomorrow

Marcella,

Can you let me know as soon as you can if Claudia is planning on attending the Cross Cascades Executive meeting that is scheduled for tomorrow morning (7:30am-9am) over at PGE? Larry is on

vacation and Lauren N. isn't sure if Hardev (who is acting for Larry) will be available to attend, so her thinking is if Claudia can't attend we may cancel the meeting. If Claudia is planning on attending and she would like a quick update from Lauren and I, let me know if she has time available sometime today or we (or I) can draft her a brief email summarizing where we are in our recent staff level discussions. Thanks.

**Damen Bleiler**

Financial Analyst

Bonneville Power Administration

Phone 503-230-3394

<< OLE Object: Picture (Metafile) >>

BPA 75th  
Anniversary Logo

---

**From:** "Grimm, Lydia T (BPA) - KEC-4"  
**Sent:** 3/7/2013 4:59:57 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Meet with PGE?

Yes, I am free and/or can rearrange any time other than 10:30-12:30, thanks!

---

**From:** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, March 07, 2013 7:52 AM  
**To:** Grimm, Lydia T (BPA) - KEC-4  
**Subject:** Meet with PGE?

Does next Wed still work for you to meet with PGE?

---

**From:** Kimberly Hamling <Kimberly.Hamling@pgn.com>  
**Sent:** 3/4/2013 11:55:44 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>  
**Subject:** RE: Conf Call next Thursday

Just resent – please let me know if you do not receive the appointment. Thank you!

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2 [mailto:lnichols@bpa.gov]  
**Sent:** Friday, March 01, 2013 5:23 PM  
**To:** Kimberly Hamling  
**Cc:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Conf Call next Thursday

Kimberly – John indicated that we do have an exec call on CCTP next Thursday, and it has dropped off of my calendar. Could you resend that to me? THANKS!

---

**From:** "Grimm, Lydia T (BPA) - KEC-4"  
**Sent:** 3/3/2013 9:54:54 PM +00:00  
**To:** "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Bennett, Michelle L (CONTR) - KEC-4" <mlbennett@bpa.gov>  
**Subject:** RE: Conversation with PGE

Hi Lauren-

The week after next would work okay, my calendar is up to date but it looks like best times would be Tuesday 3/12 after 2 pm, Wed 3/13 between 9 and 11 am (if at BPA). Thursday 3/14 after 2 pm, or Friday 3/15 after 2 pm. I think it would be great if you could be there, but not required. You can coordinate directly with Michelle for any calendar questions, thanks!

Lydia

---

**From:** Nichols-Kinas, Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, March 01, 2013 4:40 PM  
**To:** Grimm, Lydia T (BPA) - KEC-4  
**Subject:** Conversation with PGE

Lydia – I talked with John Sullivan today and he is indicating that they would like to have the environmental discussion the week after next if you would be available. Assuming that would work for you, do you want to provide me with some dates/times and I'll work on getting something set up? Also, do you think I need to be there for that discussion – what would be your preference?

---

**Meeting Title:** SILS TSN Alternative Discussion  
**From:** "Bishop,Deborah J (CONTR) - TSPP-TPP-2"  
**Sent:** 2/28/2013 12:24:03 AM +00:00  
**To:** "Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Jones,Christopher M (BPA) - TSPP-TPP-2" <cmjones@bpa.gov>;  
"Egusa,Sean R (CONTR) - TSP-TPP-2" <sregusa@bpa.gov>;  
"Mantifel,Russell (BPA) - TSPP-TPP-2" <rxmantifel@bpa.gov>;  
"Millar,Susan B (BPA) - TS-DITT-2" <sbmillar@bpa.gov>; "Garrett,Paul  
D (BPA) - PSW-6" <pdgarrett@bpa.gov>; "Nichols-Kinas,Lauren (BPA) -  
TSP-TPP-2" <lnichols@bpa.gov>  
**Location:** Conference Room OPP Lobby ; Bridge x8001, 6899#  
**Start Time:** 2/28/2013 5:00:00 PM +00:00  
**End Time:** 2/28/2013 6:00:00 PM +00:00  
**Duration:** 1 hours  
**Reminder Time:** 2/28/2013 5:00:00 PM +00:00  
**Is Recurring:** false  
**Recurrence Type:** Not  
**Response Status:** 5  
**Busy Status:** Tentative  
**Attendees:** Johnson,Anders L (BPA) - TPL-OPP-2; Jones,Christopher M (BPA) -  
TSPP-TPP-2; Egusa,Sean R (CONTR) - TSP-TPP-2; Mantifel,Russell  
(BPA) - TSPP-TPP-2; Millar,Susan B (BPA) - TS-DITT-2; Garrett,Paul D  
(BPA) - PSW-6; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2

When: Thursday, February 28, 2013 9:00 AM-10:00 AM (GMT-08:00) Pacific Time (US & Canada).  
Where: Conference Room OPP Lobby ; Bridge x8001, 6899#

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Meeting to discuss potential alternatives to SILS TSN treatment that would provide value to Idaho Power from the asset swap.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/28/2013 6:29:03 PM +00:00  
**To:** 'Paul Norman' (b)(6)  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Update this afternoon  
**Attachments:** Picture (Metafile)

Paul,

Lauren and I are both available from 1:30 to 2pm this afternoon to talk. You mentioned this time would work for you, so I am hoping you are still available. I think we can use this time to debrief what you learned and saw in our meeting on Tuesday and discuss what we are working towards for the retreat next week. Anything you can add will be great as well. Below is the bridge information for the call. Thanks.

The passcode for your bridge is **9927**. If you are calling from Portland HQ, Ross, or Van Mall please dial extension 3344, wait for the double beep, then enter the passcode. External participants should dial 503-230-3344, wait for the double beep then enter the passcode. If you are the first caller into the bridge you will hear silence.

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394

---

**From:** Paul Norman (b)(6)  
**Sent:** 2/25/2013 6:54:56 PM +00:00  
**To:** "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Upcoming meetings and Contact info  
OK

---

**From:** Bleiler,Damen C (BPA) - FTT-2 [mailto:dcbleiler@bpa.gov]  
**Sent:** Monday, February 25, 2013 10:35 AM  
**To:** 'Paul Norman'  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Upcoming meetings and Contact info

Yes, around 11 will work for me. I might set up a bridge if Lauren is available, I'll get back to you in a few, if not I can just call your cell. Thanks.

Damen

---

**From:** Paul Norman [mailto:(b)(6)]  
**Sent:** Monday, February 25, 2013 10:14 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Upcoming meetings and Contact info  
Thanks. Comcast has maximized the potential for confusion with their domain names.

I did have a couple of questions about the evaluation doc. Fairly basic stuff. Do you have any time today for a brief call? I'm free except 12-2.

---

**From:** Bleiler,Damen C (BPA) - FTT-2 [mailto:dcbleiler@bpa.gov]  
**Sent:** Monday, February 25, 2013 9:50 AM  
**To:** (b)(6)  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** FW: Upcoming meetings and Contact info

Paul,

I'm glad you sent me an email, I sent the email below Friday but my address was wrong. I have exchanged emails with Lauren and were still planning on covering the evaluation document, with them without any numbers, but I am going to propose changes going forward but I think we will need to discuss some of it internally prior to discussing this with them, so I think the copy below is what will work from for the tomorrow, I'll just blank out the numbers.

I can meet you prior to the meeting to sign the confidentiality agreement. I'll make sure I have a copy ready. Thanks again, and if you have any suggestions on how we could direct this conversation Lauren and I are definitely open to any thoughts. Thanks.

Damen  
Cell 503-560-5714

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Friday, February 22, 2013 2:22 PM  
**To:** (b)(6)  
**Cc:** Andrews,Claudia R (BPA) - F-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** Upcoming meetings and Contact info

Paul,

Let me know if you have any questions or suggestions about the document we discussed on the phone which is also attached below. Thanks.

Park Place Address and building guide.  
Park Place (One Park Place (OPP), and Two Park Place, (TPP))  
7500 & 7600 NE 41st ST

Tuesdays meeting is schedule for 8am-10am in RM 348 of One Park Place  
- Phone/Bridge (360) 418-8001 p/c 6001#

I do not have an agenda for the meeting yet, but we were planning on discussing the "shell" of this document  
I plan on removing all numbers and working on it some over the weekend, I'll make sure you get an updated version hopefully by early Monday.

The Retreat is currently scheduled for Tuesday March 5th from 1-5pm at Dittmer Rm 211. Let us know if you have a conflict with this.  
I'll get you any handouts and agenda for this when it is complete.

My cell number is (b)(6) Feel free to call at any time. Thanks again for you help.

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/25/2013 6:24:04 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Upcoming meetings and Contact info

Lauren,

Do you want me to set up a bridge and join the call with Paul?

Damen

---

**From:** Paul Norman [mailto:(b)(6)]  
**Sent:** Monday, February 25, 2013 10:14 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Upcoming meetings and Contact info

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---

**From:** Bleiler,Damen C (BPA) - FTT-2 [mailto:dcbleiler@bpa.gov]  
**Sent:** Monday, February 25, 2013 9:50 AM  
**To:** (b)(6)  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** FW: Upcoming meetings and Contact info

Paul,

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some of it internally prior to discussing this with them, so I think the copy below is what will work from for the tomorrow, I'll just blank out the numbers.

I can meet you prior to the meeting to sign the confidentiality agreement. I'll make sure I have a copy ready. Thanks again, and if you have any suggestions on how we could direct this conversation Lauren and I are definitely open to any thoughts. Thanks.

Damen

Cell (b)(6)

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Friday, February 22, 2013 2:22 PM  
**To:** (b)(6)  
**Cc:** Andrews,Claudia R (BPA) - F-2; Fernandez,Javier (BPA) - FTT-2  
**Subject:** Upcoming meetings and Contact info

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**Damen Bleiler**

Financial Analyst

Bonneville Power Administration

Phone 503-230-3394

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/5/2013 10:08:05 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Attachments:** Picture (Metafile)

Lauren,

Do you plan on bringing any handouts for the meeting today with Claudia and Paul?

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 2/1/2013 7:15:14 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Paul Norman meeting

That's probably a good idea, have you got his email yet?

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, February 01, 2013 11:09 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE: Paul Norman meeting

I was thinking that we should share the press release and the MOU. Other than that, we don't have any additional prepared docs that I can think of. I think conversation will be the most helpful, but I do think he might get a fair amount out of reading the MOU.

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Friday, February 01, 2013 11:03 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Paul Norman meeting

Lauren,

Do we have some off the shelf documents that provide an overview of the project that we can use for the core, then add some context of where we are today?

Damen

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, February 01, 2013 10:14 AM  
**To:** Andrews,Claudia R (BPA) - F-2  
**Cc:** Renner,Marcella P (BPA) - F-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE: Paul Norman meeting

Do we have an email address for Paul?

---

**From:** Andrews,Claudia R (BPA) - F-2  
**Sent:** Friday, February 01, 2013 8:16 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Cc:** Bekkedahl,Larry N (BPA) - T-DITT2; Renner,Marcella P (BPA) - F-2  
**Subject:** Paul Norman meeting

You may have noticed that Marcella scheduled a meeting with Paul Norman for Tuesday afternoon to discuss economic analysis of our alternatives with PGE. Could you two assemble some background materials that would give him an understanding of the initiative? Today would be good to give him a few days to digest the information. If today is too soon, Marcella has his email address and could send it on Monday. I will be out of the office on Monday.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 1/23/2013 5:16:27 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Update

Will do. I have to prep for our delayed FMC meeting (although they changed the name to something else) that is this afternoon so it may take some time before I have a decent summary of analytics that will be needed, but I don't think its too comprehensive or anything out of the box so this week should be doable. Let me know if this is ok.

Damen

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, January 22, 2013 4:25 PM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE: Update

Thanks for the heads up. Let me know how it goes!! Should be useful to see if you can get some additional insight about how he's thinking about the economic analysis.

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Tuesday, January 22, 2013 4:15 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Update

Lauren,

I just wanted to let you know that I just got a call today Sandy Boardman and she said SW wanted a half hour to talk with me about the CCTP stuff so she set it up for Thursday at 12:30. I'm not sure how much he is going to want to talk about and I don't know if he is expecting new numbers or something but I also don't know if I can come with others? So I wanted you to know so you are up to speed. I'm reading through a business case to remind myself what is all included to provide input on your document. I'll look over it tonight as well and see if I can have something tomorrow. Talk to you soon.

**Damen Bleiler**  
Financial Analyst  
Bonneville Power Administration  
Phone 503-230-3394  
<< OLE Object: Picture (Metafile) >>

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**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 1/16/2013 6:30:06 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>;  
"Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>  
**CC:** "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; "Juj,Hardev S  
(BPA) - TP-DITT-2" <hsjuj@bpa.gov>  
**Subject:** RE: Request from Lauren Azaar

I looked up the Smart Wire Grid website yesterday, and it looks like there is a product they are developing called a "discrete series reactor". I don't know for certain this is what Lauren Azar was referring to but it looks like it could be.

<http://www.smartwiregrid.com/technology/>

Here is an article about it as well that says that TVA is a test user:

<http://www.sustainablebusinessoregon.com/articles/2012/05/smart-wire-grid-may-hold-key-to-power.html?page=all>

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, January 16, 2013 9:37 AM  
**To:** Johnson,Anders L (BPA) - TPL-OPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3  
**Cc:** Christen,Camille A (BPA) - LT-7; Sigurdson,Ryan M (BPA) - LT-7; Bleiler,Damen C (BPA) - FTT-2; Juj,Hardev S (BPA) - TP-DITT-2  
**Subject:** Request from Lauren Azaar

After our presentation at the RRT, Lauren Azaar came and talked to us. She mentioned explicitly that TVA is trying out a new technology that replaces series caps for substantially lower cost and suggested that we look into it in relationship to the CCTP. She seemed to think that TVA either had just energized something or were just a few months from doing so. She mentioned the term "Smart Wire Grid" and said that there should be information available on it on the "RBE" website. I think we need to look into it and have an opinion about it since it is likely to come up from DOE again.

Camille – do you remember anything else about that conversation that I didn't capture?

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 1/14/2013 5:51:29 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "VanAntwerp,Sheila L (CONTR) - TSE-TPP-2"  
<slvanantwerp@bpa.gov>  
**Subject:** RE: Meeting tomorrow

Sure can do.....Sheila can you change the start time from 08:00 to 09:00 for tomorrow's PGE meeting.

Thanks Craig

-----Original Message-----

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, January 14, 2013 9:35 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Meeting tomorrow

Craig - Let's modify the PGE meeting tomorrow to start at 9:00. Can you ask you admin to modify it for us? Thanks.

**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 1/14/2013 5:25:50 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Johnson,G Douglas (BPA) - DKPM-7" <gdjohnson@bpa.gov>; "Lynam,Kurt O (BPA) - DKE-7" <kolynam@bpa.gov>; "Egusa,Sean R (CONTR) - TSP-TPP-2" <sregusa@bpa.gov>  
**Subject:** Re: Package to send out

Thanks Lauren.

Sent from my iPad

On Jan 14, 2013, at 9:25 AM, "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <[lnichols@bpa.gov](mailto:lnichols@bpa.gov)> wrote:

We are OK to share the map after 1:05 west coast time - just need to take any confidential markings off of it first.

**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 1/14/2013 5:21:54 PM +00:00  
**To:** "Johnson,G Douglas (BPA) - DKPM-7" <gdjohnson@bpa.gov>  
**CC:** "Lynam,Kurt O (BPA) - DKE-7" <kolynam@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Egusa,Sean R (CONTR) - TSP-TPP-2" <sregusa@bpa.gov>  
**Subject:** Re: Package to send out

Great - I just hadn't seen the map. Is that ready to go?

Sent from my iPad

On Jan 14, 2013, at 8:54 AM, "Johnson,G Douglas (BPA) - DKPM-7" <[gdjohnson@bpa.gov](mailto:gdjohnson@bpa.gov)> wrote:

To my knowledge, the most we can share is the release, the map

Image unavailable

Release definitely. We have a map we could share. No questions and answers though. It appears that the waiver to our current NDA is so narrowly written that there is not much beyond what is in the news release we can share. I would think you could take from the talking points the next steps question and share it with customers via e-mail. Beyond that, I just don't think there is a whole lot we can share.

I've copied several people to see if they agree or have suggestions for more stuff we could share.

January 14, 2013 7:34 AM

**To:** Johnson,G Douglas (BPA) - DKPM-7

**Subject:** Package to send out

Doug,

What all are we including in the Cross Cascades packet to send out? (news release, question & answer, map?). Before calling a few of the execs, I want to make sure they have the information needed to have the conversation.

Larry

---

**From:** "Christen,Camille A (BPA) - LT-7"  
**Sent:** 1/12/2013 12:20:23 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Sunday/Monday

Thanks Lauren.

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, January 11, 2013 4:19 PM  
**To:** Christen,Camille A (BPA) - LT-7  
**Subject:** FW: Sunday/Monday

FYI

**From:** Martin Doern [<mailto:Martin.Doern@pgn.com>]  
**Sent:** Friday, January 11, 2013 4:06 PM  
**To:** Baskerville,Sonya L (BPA) - DKN-WASH; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Sunday/Monday

I think we are going to Bistro Bis for dinner, so hopefully that will be okay with everyone – I'll make a reservation for 7:30. Sonya, are you sure you can't make it?

**From:** Baskerville,Sonya L (BPA) - DKN-WASH [<mailto:slbaskerville@bpa.gov>]  
**Sent:** Friday, January 11, 2013 3:30 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Cc:** Martin Doern  
**Subject:** Re: Sunday/Monday

My cell is (b)(6) Martin is Martin Doern. I'm cc-ing him on this note so that he has your email address. I believe a dinner meeting for Sunday night may be in the works. Thanks!

Sonya Baskerville  
BPA National Relations  
(b)(6)

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, January 11, 2013 03:26 PM  
**To:** Baskerville,Sonya L (BPA) - DKN-WASH  
**Subject:** Sunday/Monday

Sonya – Got your call. Sorry I missed you. Yes, we will be staying at the Hyatt (same location as the PGE folks are staying). Could you email me your cell phone number so that I can be sure that I've got it? Also, you mentioned trying to talk to Martin either Sunday night or Monday morning. I don't seem to have his last name, so if you could send me that, I'll be able to reach him when we get into DC. See you Monday.

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 1/11/2013 1:49:07 AM +00:00  
**To:** "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>; "Bekkedahl,Larry N (BPA) - T-DITT2" <lnbekkedahl@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Ten Eyck,Donna L (BPA) - TSES-TPP-2" <dlteneck@bpa.gov>; "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>; "VanderZanden,Deedee (BPA) - TSES-TPP-2" <dvanderzanden@bpa.gov>  
**Subject:** Re: Final version of MOU ready for printing and signing

Sounds good.

I can take the MOU (2) originals over to Bill N for his signature after Larry signs if that works.

Please let me know.

Great team effort !

Thanks Donna for formatting the MOU on short notice to meet BPA's contractual requirements.

Craig

**From:** Christen,Camille A (BPA) - LT-7  
**Sent:** Thursday, January 10, 2013 05:12 PM  
**To:** Bekkedahl,Larry N (BPA) - T-DITT2  
**Cc:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Ten Eyck,Donna L (BPA) - TSES-TPP-2; Sigurdson,Ryan M (BPA) - LT-7  
**Subject:** Final version of MOU ready for printing and signing

Larry,

Here is the final version of the MOU ready for printing and signing. Apologies for the delay.

<<15828 MOU\_CCTP.docx>>

**Duplicate attachment**

Donna, please use this version for CCM.

Craig, I think the plan is that after it is signed an admin will pick it up and get it to you for scanning/etc.

Thanks,

**Camille Christen**

Office of General Counsel

Bonneville Power Administration

P.O. Box 3621, LT-7

Portland, OR 97208-3621

Phone: 503-230-4329

Fax: 503-230-7405

Email: [cachristen@bpa.gov](mailto:cachristen@bpa.gov)

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**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 1/10/2013 3:28:56 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Key Points for RRTT.docx

Have we gotten notes from PGE yet? I would like to try an incorporate their comments as well and bring that to the meeting. Did my comments on the MOU make sense?

Larry

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, January 10, 2013 7:23 AM  
**To:** Bekkedahl,Larry N (BPA) - T-DITT2  
**Subject:** Key Points for RRTT.docx

<< File: Key Points for RRTT.docx >>

Original email with  
attachment unavailable

In case you want the updated RRTT talking points in a document form, here it is. I'll bring copies to our meeting with Steve. I'll also work with Camille to get the change to the MOU to the PGE folks. And you're right - we are expecting to take the "subject to NDA" language off, but left it on during the process of going back an fourth.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 1/9/2013 7:46:24 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Include Camille Christen

What is the plan for now. I still want to head up to Seattle as soon as we think this is wrapped up. I'll send out a clean version with just the matrix in it to the team so if no changes are needed we can go forward with that. But if I leave, I won't be able to make any changes until tonight so if that's not acceptable when does it look like Larry might be able to look at it? Thanks.

Damen

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, January 09, 2013 11:41 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** Include Camille Christen

Please be sure to include Camille Christen when you send things out later today. I'm thinking I'll work with her in Portland to finalize the package.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 1/8/2013 12:10:14 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Conf call now?

[Yes, do I call 360-619-8001?](#)

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, January 07, 2013 4:09 PM  
**To:** Bleiler,Damen C (BPA) - FTT-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2  
**Subject:** Conf call now?  
**Importance:** High

Our discussion with PGE ran a little bit over. Can you talk now? I'm on the conf call – 8001, passcode 6416#

---

**From:** "Bekkedahl,Larry N (BPA) - T-DITT2"  
**Sent:** 1/8/2013 10:22:00 PM +00:00  
**To:** "Wright,Stephen J (BPA) - A-7" <sjwright@bpa.gov>  
**CC:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Cascade crossing briefing

At this point it is Sonya, Lauren Nichols-Kinas, and Camille Christensen from legal.

-----Original Message-----

From: Wright,Stephen J (BPA) - A-7  
Sent: Tuesday, January 08, 2013 1:38 PM  
To: Bekkedahl,Larry N (BPA) - T-DITT2  
Subject: Re: Cascade crossing briefing

Who is representing us in this mtg?

----- Original Message -----

From: Bekkedahl,Larry N (BPA) - T-DITT2  
Sent: Tuesday, January 08, 2013 12:36 PM  
To: Wright,Stephen J (BPA) - A-7  
Subject: RE: Cascade crossing briefing

Oh - that is why John Sullivan speaks of her regularly on this project. He seems to have a very good relationship with her and I knew she was on the committee but I didn't know she ran it. Message is very important, but I think we can spin this in a good way from what her mission seems to be.

-----Original Message-----

From: Wright,Stephen J (BPA) - A-7  
Sent: Tuesday, January 08, 2013 12:34 PM  
To: Bekkedahl,Larry N (BPA) - T-DITT2  
Subject: Re: Cascade crossing briefing

DOE (Lauren Azar) runs the RRT.

----- Original Message -----

From: Bekkedahl,Larry N (BPA) - T-DITT2  
Sent: Tuesday, January 08, 2013 12:28 PM  
To: Wright,Stephen J (BPA) - A-7  
Subject: RE: Cascade crossing briefing

Thanks - I didn't think of the DOE connection. FERC was discussed and their relationship to the RRT but not DOE. We will have the PR piece there on Thursday.

-----Original Message-----

From: Wright,Stephen J (BPA) - A-7  
Sent: Tuesday, January 08, 2013 12:25 PM  
To: Bekkedahl,Larry N (BPA) - T-DITT2  
Subject: Fw: Cascade crossing briefing

Another teachable moment. A meeting with the RRT is a big deal in terms of the agency's relationship with DOE. We should discuss the message. Possibly at Thursday mtg.

----- Original Message -----

From: Baskerville,Sonya L (BPA) - DKN-WASH  
Sent: Tuesday, January 08, 2013 09:56 AM  
To: Wright,Stephen J (BPA) - A-7; Bekkedahl,Larry N (BPA) - T-DITT2  
Subject: RE: Cascade crossing briefing

And actually, Martin and I are intentionally trying to keep those meetings low-key since we are only in an exploratory phase. This is more of not wanting folks to hear about the other option from outside, so a no surprises trip.

Sonya Baskerville  
Manager, BPA National Relations  
1000 Independence Ave, SW

BPA-2013-01284-F 0084

8G-061  
Washington, DC 20585  
202.586.5640 (o)  
(b)(6)  
slbaskerville@bpa.gov

-----Original Message-----

From: Baskerville, Sonya L (BPA) - DKN-WASH  
Sent: Tuesday, January 08, 2013 9:45 AM  
To: Wright, Stephen J (BPA) - A-7; Bekkedahl, Larry N (BPA) - T-DITT2  
Subject: RE: Cascade crossing briefing

There isn't a full Congressional staff briefing, only a heads-up on what we're exploring for three offices: Walden, Wyden, and DeFazio. That would be on Monday, same day as the Rapid Response Team meeting. Thanks.

Sonya Baskerville  
Manager, BPA National Relations  
1000 Independence Ave, SW  
8G-061  
Washington, DC 20585  
202.586.5640 (o)  
(b)(6)  
slbaskerville@bpa.gov

-----Original Message-----

From: Wright, Stephen J (BPA) - A-7  
Sent: Tuesday, January 08, 2013 9:43 AM  
To: Bekkedahl, Larry N (BPA) - T-DITT2; Baskerville, Sonya L (BPA) - DKN-WASH  
Subject: Cascade crossing briefing

When is the Congressional briefing scheduled? What is our message given the state of play?

---

**From:** "Baskerville,Sonya L (BPA) - DKN-WASH"  
**Sent:** 1/4/2013 5:34:00 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: Visit to DC on Monday the

I forgot to email you earlier that I found out who Julie is. Julie Kyle is PGE's hydro licensing person, but she also has been given the permitting assignment for the CC project. She is the primary contact to the land management agencies. Thanks.

Sonya Baskerville  
BPA National Relations

(b)(6)

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, January 03, 2013 08:25 AM  
**To:** Baskerville,Sonya L (BPA) - DKN-WASH  
**Cc:** Sigurdson,Ryan M (BPA) - LT-7; Christen,Camille A (BPA) - LT-7; Johnson,G Douglas (BPA) - DKPM-7  
**Subject:** Visit to DC on Monday the

Sonya – We just had a good discussion with the PGE/BPA exec team this morning. It's still looking like we may be coming back to DC to meet with the RRT and members of OR delegation staff on Monday the 14<sup>th</sup> of Jan. Would you be available to spend the day with us if that turns out to be the case?

If you get a chance, please give me a call to discuss. Key focus with the RRT will be to try to avoid needing to start the environmental work on Cascade Crossing "over". With the delegation staff, I think it is mostly about making sure that they are in the loop. Possible conversation with FERC staff just so that they are not surprised, but not sounding certain. THANKS.

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 1/4/2013 5:14:22 PM +00:00  
**To:** "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>; "Tenney,Lauren E (BPA) - TSPQ-TPP-2" <letenney@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>  
**CC:** "Christen,Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** RE: Larry Unavailable today

It would also be nice to go over the draft before I send it to Cece.

---

**From:** Kohne,Kyle R (BPA) - TPP-OPP-3  
**Sent:** Friday, January 04, 2013 9:13 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Sigurdson,Ryan M (BPA) - LT-7; Johnson,Anders L (BPA) - TPL-OPP-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE: Larry Unavailable today

Lauren,

I think it would be beneficial if we could still meet today. I would like to discuss some additional information that Pat has brought to my attention with regards to other potential PGE contracts that might be included in this deal that are not being considered as part of the Damen's NPV analysis.

Kyle

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, January 04, 2013 8:48 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Sigurdson,Ryan M (BPA) - LT-7; Johnson,Anders L (BPA) - TPL-OPP-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** Larry Unavailable today

I just found out that Larry will not be available today, so let me know if you want to have our team discussion or not. I'll check with Cathy to see if she's planning on attending.

---

**From:** "Brookshire, Sherry S (BPA) - T-DITT2"  
**Sent:** 1/3/2013 7:04:44 PM +00:00  
**To:** "Bekkedahl, Larry N (BPA) - T-DITT2" <lnbekkedahl@bpa.gov>;  
"Wright, Stephen J (BPA) - A-7" <sjwright@bpa.gov>; "Leathley, Kimberly A (BPA) - K-7" <kaleathley@bpa.gov>; "Ehli, Cathy L (BPA) - TS-DITT-2" <clehli@bpa.gov>; "Juj, Hardev S (BPA) - TP-DITT-2" <hsjuj@bpa.gov>;  
"Drummond, William K (BPA) - D-7" <wkdrummond@bpa.gov>;  
"Sigurdson, Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>;  
"Roach, Randy A (BPA) - L-7" <raroach@bpa.gov>; "Bleiler, Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; "Andrews, Claudia R (BPA) - F-2" <crandrews@bpa.gov>; "Fredrickson, Rebecca E (BPA) - TSPQ-TPP-2" <refredrickson@bpa.gov>; "Tenney, Lauren E (BPA) - TSPQ-TPP-2" <letenney@bpa.gov>; "Nichols-Kinas, Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Kohne, Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Hardin, Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Johnson, Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>; "Johnson, G Douglas (BPA) - DKPM-7" <gdjohnson@bpa.gov>; "Marker, Douglas R (BPA) - DK-7" <drmarker@bpa.gov>; "Baskerville, Sonya L (BPA) - DKN-WASH" <slbaskerville@bpa.gov>  
**CC:** "Jensen, Mary K (BPA) - LT-7" <mkjensen@bpa.gov>; "Christen, Camille A (BPA) - LT-7" <cachristen@bpa.gov>  
**Subject:** RE: PGE Cascade Crossing Follow Up/MOU

I just received a call from the front office. Steve, Bill and Kim will not be able to make this meeting. Steve is out of the office on Jan 8.

*Sherry*

---

**From:** Brookshire, Sherry S (BPA) - TE-DITT-2 **On Behalf Of** Bekkedahl, Larry N (BPA) - T-DITT2  
**Sent:** Friday, December 21, 2012 9:17 AM  
**To:** Bekkedahl, Larry N (BPA) - T-DITT2; Wright, Stephen J (BPA) - A-7; Leathley, Kimberly A (BPA) - K-7; Ehli, Cathy L (BPA) - TS-DITT-2; Juj, Hardev S (BPA) - TP-DITT-2; Drummond, William K (BPA) - D-7; Sigurdson, Ryan M (BPA) - LT-7; Roach, Randy A (BPA) - L-7; Bleiler, Damen C (BPA) - FTT-2; Andrews, Claudia R (BPA) - F-2; Fredrickson, Rebecca E (BPA) - TSPQ-TPP-2; Tenney, Lauren E (BPA) - TSPQ-TPP-2; Nichols-Kinas, Lauren (BPA) - TSP-TPP-2; Kohne, Kyle R (BPA) - TPP-OPP-3; Hardin, Craig A (BPA) - TSE-TPP-2; Johnson, Anders L (BPA) - TPL-OPP-2; Johnson, G Douglas (BPA) - DKPM-7; Marker, Douglas R (BPA) - DK-7; Baskerville, Sonya L (BPA) - DKN-WASH  
**Cc:** Jensen, Mary K (BPA) - LT-7; Christen, Camille A (BPA) - LT-7  
**Subject:** PGE Cascade Crossing Follow Up/MOU  
**When:** Thursday, January 10, 2013 4:00 PM-5:00 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** HQ Rm 670 E&W / Phone Bridge 503-230-5566 / Passcode 2525#

Added Phone bridge

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 12/21/2012 7:42:26 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Meeting with Steve -

Lauren,

I'm not sure I know what this means, is there a meeting set up for the third or is that the date the non binding MOU needs to be done by? Thanks.

Damen

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Friday, December 21, 2012 9:15 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** Re: Meeting with Steve -

Looks like it will be the third.

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Thursday, December 20, 2012 04:04 PM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** RE: Conf not working -

Kyle and I are on the bridge can you try it again?

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Thursday, December 20, 2012 4:02 PM  
**To:** Bleiler,Damen C (BPA) - FTT-2  
**Subject:** Conf not working -

My number is x6416. If you're trying to reach me, give me a call.

---

**From:** "Tenney,Lauren E (BPA) - TSPQ-TPP-2"  
**Sent:** 12/3/2012 5:43:00 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: CCTP Analysis

Well so far I haven't finished it. I haven't had much time to work on it since we met Friday afternoon. So I would prefer to vet it first, but even without vetting I am not sure I will have the information by 1 today. Not sure what the benefit of sharing today would be if I met with Rebecca and she wants me to totally revamp it.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, December 03, 2012 9:40 AM  
**To:** Tenney,Lauren E (BPA) - TSPQ-TPP-2  
**Subject:** RE: CCTP Analysis

Do you need to bet it with Rebecca before you share drafts with us (I understand that you need to vet anything before we share it with the management team or PGE).

---

**From:** Tenney,Lauren E (BPA) - TSPQ-TPP-2  
**Sent:** Monday, December 03, 2012 9:35 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** RE: CCTP Analysis

I don't know if I will have time to vet the \$ per MW before this with Rebecca, I am hoping to have time with her to discuss tomorrow. I don't know how far Damen has gotten with the other stuff. I can attend if you guys want to meet today but probably won't have much to share.

-----Original Appointment-----

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, December 03, 2012 9:33 AM  
**To:** Tenney,Lauren E (BPA) - TSPQ-TPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** CCTP Analysis  
**When:** Monday, December 03, 2012 1:00 PM-2:30 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** Phone?

I would like to do a check in to see how the development of numbers is coming. We don't necessarily need this much time, but if it is useful, its blocked out. If possible, I'd like to review start reviewing some of the numbers on the analyses we talked about last week. If this doesn't work, let me know.

---

**From:** "Aggarwal,Ravi K (BPA) - TPL-OPP-2"  
**Sent:** 11/30/2012 10:22:32 PM +00:00  
**To:** "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>  
**Subject:** RE: BPA/PGE Joint Executive Meeting

Just a quick note that for Dec 4, Anders, Hardev, and I will be in travel status for meetings and neither of us will be available to attend this meeting. Hardev and Anders are flying to Canada to meet with BC Hydro and I will be in Salt Lake City for Order 1000 meeting.

Ravi

---

**From:** Kimberly Hamling [Kimberly.Hamling@pgn.com]  
**Sent:** Monday, October 29, 2012 10:39 PM  
**Required:** Kimberly Hamling; Bill Nicholson; Maria Pope; John Sullivan; Mike Ryan; Cece Coleman; Frank Afranji; Stefan Brown; Joseph Ross; Board Room Calendar; Johnson,Anders L (BPA) - TPL-OPP-2; Gastineau,Betty J (BPA) - T-DITT2; Silverstein,Brian L (BPA) - T-DITT2; Hardin,Craig A (BPA) - TSE-TPP-2; Bleiler,Damen C (BPA) - FTT-2; Juj,Hardev S (BPA) - TP-DITT-2; Bekkedahl,Larry N (BPA) - T-DITT2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2; Sigurdson,Ryan M (BPA) - LT-7  
**Optional:** Cristal Metz  
**Subject:** BPA/PGE Joint Executive Meeting  
**When:** Tuesday, December 04, 2012 1:00 PM-3:00 PM.  
**Where:** Board Room (121 SW Salmon Street, 17th Floor)

If you are unable to attend in person, please join in using the following conference call details:  
1-866-699-3239 Attendee Access 20794481#

---

**From:** "Johnson,G Douglas (BPA) - DKPM-7"  
**Sent:** 11/27/2012 4:37:38 AM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>  
**Subject:** Re: Cascade Crossing Option 2 Business Case  
Maybe I'm asking for the wrong thing. I understand from my counterpart at PGE that we expect to have an agreement in principle by this Friday. Any idea who is working on that? Thanks.

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Monday, November 26, 2012 05:21 PM  
**To:** Johnson,G Douglas (BPA) - DKPM-7; Sigurdson,Ryan M (BPA) - LT-7  
**Subject:** RE: Cascade Crossing Option 2 Business Case

We have NOT completed our analysis of the new alternative. In fact, we're really still in the "just beginning" stages.

---

**From:** Johnson,G Douglas (BPA) - DKPM-7  
**Sent:** Monday, November 26, 2012 4:12 PM  
**To:** Sigurdson,Ryan M (BPA) - LT-7; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Cascade Crossing Option 2 Business Case

Have we completed our analysis of the benefits,etc., of the new alternative to Cascade Crossing we're exploring with PGE? If so, can I get a copy of what ever we've done. I'm working with PGE's public affairs office to put together materials. Any paper we have would be very helpful. I promise to keep it under wraps until it's appropriate to discuss outside. Thanks.

Doug Johnson

Bonneville Power Administration

503-230-5840

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 11/26/2012 6:26:42 PM +00:00  
**To:** "Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>;  
"Tenney,Lauren E (BPA) - TSPQ-TPP-2" <letenney@bpa.gov>;  
"Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; "Kohne,Kyle R  
(BPA) - TPP-OPP-3" <krkohne@bpa.gov>  
**Subject:** RE: BPA/PGE Joint Executive Meeting

Hello,

Are we still having this as an executive meeting tomorrow? We just had one last week, and there haven't been many working days since that one due to the holiday.

-Anders

---

**From:** Kimberly Hamling [<mailto:Kimberly.Hamling@pgn.com>]  
**Sent:** Monday, October 29, 2012 11:02 PM  
**To:** Kimberly Hamling; Johnson,Anders L (BPA) - TPL-OPP-2; Gastineau,Betty J (BPA) - T-DITT2; Silverstein,Brian L (BPA) - T-DITT2; Hardin,Craig A (BPA) - TSE-TPP-2; Bleiler,Damen C (BPA) - FTT-2; Juj,Hardev S (BPA) - TP-DITT-2; Bekkedahl,Larry N (BPA) - T-DITT2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2; Sigurdson,Ryan M (BPA) - LT-7; Bill Nicholson; Maria Pope; John Sullivan; Mike Ryan; Cece Coleman; Frank Afranji; Stefan Brown; Joseph Ross; Board Room Calendar  
**Cc:** Cristal Metz  
**Subject:** BPA/PGE Joint Executive Meeting  
**When:** Tuesday, November 27, 2012 8:00 AM-10:00 AM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** Board Room (121 SW Salmon Street, 17th Floor)

If you are unable to attend in person, please join in the meeting with the following conference call details:  
1-866-699-3239 Attendee Access 20794481#

---

**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 11/21/2012 4:38:32 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** This morning

I am running a little late. Could we meet at 9:15?

---

**From:** Tech Forum  
**Sent:** 11/14/2012 9:56:47 PM +00:00  
**To:** Tech Forum <techforum@bpa.gov>  
**Subject:** Updated Announcement: SILS TSN/OASIS posting for Idaho Power part of asset swap

## **Bonneville Power Administration, Transmission Services**

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***BPA apologizes for sending out an incomplete version of this notice earlier today, please use this current version instead.***

### **SE Idaho Load Service (SILS) Update**

#### Background

On October 2, 2012, the Bonneville Power Administration (BPA) announced that it had completed an initial prioritization of potential service arrangements to serve customer loads located in southeast Idaho. BPA identified the option of Boardman-to-Hemingway (B2H) with Transmission Asset Swap as its top priority for pursuit in Fiscal Year (FY) 2013 and beyond.

In the event that BPA swaps transmission assets with Idaho Power as part of the "Boardman-to-Hemingway with Transmission Asset Swap" service arrangement, BPA would be a participant in B2H as a joint owner and acquire partial ownership in existing transmission facilities currently owned by PacifiCorp and Idaho Power sufficient to give BPA ownership of transmission in whole or in part between the FCRPS and the PODs of the SE Idaho Customers. In return, PacifiCorp and Idaho Power would receive partial ownership in transmission assets currently owned by BPA for the purpose of serving native load. BPA assets located in the Mid-C to Boardman area would be incorporated into the proposed asset swap. No portion of an asset that is currently used to provide service to a third party, or which would be needed to provide service to a third party that has already requested use of those assets (e.g. by submission of a Transmission Service Request to BPA) would be included in an asset swap.

#### BPA Queue

There is currently no Available Transmission Capacity (ATC) on BPA's system between Mid-C and Boardman. Given this situation, it is necessary for BPA to seek additional capacity and establish a position in its transmission queue to reserve the capacity necessary for a Transmission Asset Swap.

BPA will hold a queue position for 500 MW of transmission capacity from VANTAGE230MIDC/MIDCREMOTE to the new point near Boardman where B2H would begin. This queue position will not be held through a Transmission Service Request (TSR) since neither BPA nor Idaho Power is seeking transmission service under BPA's Open Access Transmission Tariff and, therefore, will not be submitting a TSR. Instead, on the date of this posting, BPA will create a Transmission Service Number

(TSN) that will eventually identify the queue position in BPA's Long-Term Pending Queue tool.

Currently, BPA's Long-Term Pending Queue tool recognizes only TSRs, not TSNs. BPA will modify its systems to accommodate TSNs in the next 9-12 months. The impacts on TSRs that enter the queue after the date of this posting will be visible using the Long-Term Pending Queue tool at this point. **The TSN created for the Asset Swap will be positioned in the queue based on the date of this posting to ensure that no customers currently in BPA's queue are disadvantaged.**

More information on the Boardman-to-Hemingway with Transmission Asset Swap option, as well as the five other options, is posted on BPA's website for Southeast Idaho Load Service at [www.bpa.gov/goto/SoutheastIdahoLoadService](http://www.bpa.gov/goto/SoutheastIdahoLoadService).

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To submit comments and questions or subscribe/unsubscribe, send an email to [techforum@bpa.gov](mailto:techforum@bpa.gov).

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 10/30/2012 5:51:22 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: Bridge?

Thanks.....) Steve W called PGE CEO this morning.

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, October 30, 2012 10:49 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** RE: Bridge?

Got it – I'm on the bridge. I had the right number, but called in before you all – the system must not have updated to put me in once the host called in.

**From:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Sent:** Tuesday, October 30, 2012 10:43 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Subject:** Re: Bridge?

Kyle is on the bridge so pull the info off his calendar or Brian S, Hardev.

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, October 30, 2012 10:41 AM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Bridge?

Craig – If you're at the PGE meeting, could you let me know whether folks are going to open the bridge? (Maybe it's just late getting starte?)

---

**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/26/2012 8:11:54 PM +00:00  
**To:** "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>;  
"Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>  
**CC:** "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>;  
"Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>  
**Subject:** RE: PGE Meeting

Hardev has asked me to attend as well because he will be unavailable.

-Anders

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Wednesday, October 24, 2012 11:16 AM  
**To:** Sigurdson,Ryan M (BPA) - LT-7; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2  
**Subject:** RE: PGE Meeting

Claudia just asked me to attend because she won't be able to. So I will be there.

Damen

---

**From:** Sigurdson,Ryan M (BPA) - LT-7  
**Sent:** Wednesday, October 24, 2012 11:13 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** PGE Meeting

Good morning,

Randy Roach just forwarded me a meeting invite on the 29<sup>th</sup> from 1-3 on Cascade Crossing. The front office and TS executives are invited, but Randy did not have any other context. Still I wanted to make you guys are aware of the meeting, although I suspect (and hope) that each of you will be invited.

Ryan

---

**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/25/2012 8:07:19 PM +00:00  
**To:** "Tenney,Lauren E (BPA) - TSPQ-TPP-2" <letenney@bpa.gov>; "Bleiler,Damen C (BPA) - FTT-2" <dcbleiler@bpa.gov>; "Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2" <refredrickson@bpa.gov>; "Kohne,Kyle R (BPA) - TPP-OPP-3" <krkohne@bpa.gov>; "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>; "Aggarwal,Ravi K (BPA) - TPL-OPP-2" <rkaggarwal@bpa.gov>  
**Subject:** Re: Continued discussion about CCTP modeling assumptions

Hello,

Could someone open the bridge?

**From:** Tenney,Lauren E (BPA) - TSPQ-TPP-2  
**Sent:** Thursday, October 25, 2012 11:04 AM  
**To:** Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2  
**Subject:** RE: Continued discussion about CCTP modeling assumptions

[Bridge: 360-418-8001 p/c 6294#](#)

**From:** Johnson,Anders L (BPA) - TPL-OPP-2  
**Sent:** Thursday, October 25, 2012 9:47 AM  
**To:** Bleiler,Damen C (BPA) - FTT-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2  
**Subject:** RE: Continued discussion about CCTP modeling assumptions

I will be at the ColumbiaGrid Planning Meeting, but I can step away from that for a while and call in

---

**From:** Bleiler,Damen C (BPA) - FTT-2  
**Sent:** Thursday, October 25, 2012 9:31 AM

**Required:** Bleiler,Damen C (BPA) - FTT-2; Tenney,Lauren E (BPA) - TSPQ-TPP-2; Fredrickson,Rebecca E (BPA) - TSPQ-TPP-2; Kohne,Kyle R (BPA) - TPP-OPP-3; Johnson,Anders L (BPA) - TPL-OPP-2; Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Aggarwal,Ravi K (BPA) - TPL-OPP-2  
**Subject:** Continued discussion about CCTP modeling assumptions  
**When:** Thursday, October 25, 2012 1:00 PM-3:00 PM.  
**Where:** OPP 348

When: Thursday, October 25, 2012 1:00 PM-3:00 PM (GMT-08:00) Pacific Time (US & Canada).

Where: OPP 348

Note: The GMT offset above does not reflect daylight saving time adjustments.

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

We understand that not everyone will be able to attend, but please stop by if you have time. Thanks.

---

**From:** "Bleiler,Damen C (BPA) - FTT-2"  
**Sent:** 10/24/2012 6:16:21 PM +00:00  
**To:** "Sigurdson,Ryan M (BPA) - LT-7" <rmsigurdson@bpa.gov>;  
"Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>;  
"Hardin,Craig A (BPA) - TSE-TPP-2" <cahardin@bpa.gov>;  
"Johnson,Anders L (BPA) - TPL-OPP-2" <aljohnson@bpa.gov>  
**Subject:** RE: PGE Meeting

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Damen

---

**From:** Sigurdson,Ryan M (BPA) - LT-7  
**Sent:** Wednesday, October 24, 2012 11:13 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** PGE Meeting

Good morning,

Randy Roach just forwarded me a meeting invite on the 29<sup>th</sup> from 1-3 on Cascade Crossing. The front office and TS executives are invited, but Randy did not have any other context. Still I wanted to make you guys are aware of the meeting, although I suspect (and hope) that each of you will be invited.

Ryan

---

**From:** "Sigurdson,Ryan M (BPA) - LT-7"  
**Sent:** 10/24/2012 6:14:45 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: PGE Meeting

No problem. I promise to make sure the bridge is open if folks are calling in from Vancouver.

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Wednesday, October 24, 2012 11:13 AM  
**To:** Sigurdson,Ryan M (BPA) - LT-7  
**Subject:** RE: PGE Meeting

Thanks for the head's up on this. We'll see.

---

**From:** Sigurdson,Ryan M (BPA) - LT-7  
**Sent:** Wednesday, October 24, 2012 11:13 AM  
**To:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2; Hardin,Craig A (BPA) - TSE-TPP-2; Johnson,Anders L (BPA) - TPL-OPP-2; Bleiler,Damen C (BPA) - FTT-2  
**Subject:** PGE Meeting

Good morning,

Randy Roach just forwarded me a meeting invite on the 29<sup>th</sup> from 1-3 on Cascade Crossing. The front office and TS executives are invited, but Randy did not have any other context. Still I wanted to make you guys are aware of the meeting, although I suspect (and hope) that each of you will be invited.

Ryan

---

**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 10/16/2012 8:13:29 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Effective Curtailment Meeting

[Here & when](#)

---

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, October 16, 2012 1:10 PM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Effective Curtailment Meeting

Oct 24<sup>th</sup>.

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**From:** "Hardin,Craig A (BPA) - TSE-TPP-2"  
**Sent:** 10/2/2012 9:02:38 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** RE: Call to Stephen Brown?

Go ahead and swing away.....:)

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**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, October 02, 2012 1:59 PM  
**To:** Hardin,Craig A (BPA) - TSE-TPP-2  
**Subject:** Call to Stephen Brown?

Craig - I need to try to clarify a couple of things with Stephen. Are you OK with me giving him a call, or would you prefer to be part of the conversation? THANKS.

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 10/2/2012 7:58:52 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**Subject:** Re: Ops contact

[John Anassis. He had comments on an earlier draft. We need to talk with him again](#)

**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, October 02, 2012 12:55 PM  
**To:** Johnson,Anders L (BPA) - TPL-OPP-2  
**Subject:** Ops contact

Anders - Have we identified an ops person to support the discussions that we're having with PGE? If not, we need to.

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**From:** "Johnson,Anders L (BPA) - TPL-OPP-2"  
**Sent:** 9/25/2012 5:01:58 PM +00:00  
**To:** "Nichols-Kinas,Lauren (BPA) - TSP-TPP-2" <lnichols@bpa.gov>  
**CC:** John Sullivan <John.Sullivan@pgn.com>  
**Subject:** RE: FW: BPA Working Session

Lauren, it would be good to have you there when we discuss the transmission capacity right update.

John, do you think we may want to tackle that one earlier in the meeting rather than later?

-Anders

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**From:** Nichols-Kinas,Lauren (BPA) - TSP-TPP-2  
**Sent:** Tuesday, September 25, 2012 10:01 AM  
**To:** 'John Sullivan'; Johnson,Anders L (BPA) - TPL-OPP-2  
**Subject:** Tentative: FW: BPA Working Session  
**When:** Tuesday, September 25, 2012 12:30 PM-3:30 PM (GMT-08:00) Pacific Time (US & Canada).  
**Where:** 1WTC17 - Mt. Hood Conference Room

Anders/John - if its helpful, I could call in from 12:30 to 1:00 and from 2:00 - 3:00. Let me know.