From: Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov>

Sent: Tuesday, May 31, 2022 4:48 PM

To: James, Eve A L (BPA) - PG-5 < eajames@bpa.gov>

Subject: RE: Missed conversation with Koehler, Birgit G (BPA) - PG-5

I don't know if we will get it in time for the Inslee/Murray stuff, even if we tried.

I think Scott, John, others will want peer review before we go public.

From: James, Eve A L (BPA) - PG-5 < eajames@bpa.gov>

Sent: Tuesday, May 31, 2022 4:44 PM

To: James, Eve A L (BPA) - PG-5 < eajames@bpa.gov>; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov>

Subject: RE: Missed conversation with Koehler, Birgit G (BPA) - PG-5

I see your note about peer review. For what timeline? If we want numbers to inform the Inslee/Murray process we need to get the info out sooner than later. They are converting the CRSO EIS stuff to NPV for comparisons. It might be good to get the E3 study out there as well.

From: James, Eve A L (BPA) - PG-5 < eajames@bpa.gov>

Sent: Tuesday, May 31, 2022 4:16 PM

To: Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov >; James, Eve A L (BPA) - PG-5 < eajames@bpa.gov >

Subject: Missed conversation with Koehler, Birgit G (BPA) - PG-5

James, Eve A L (BPA) - PG-5 6:55 AM:

Hi Birgit- did you see the updated E3 slide deck? Who do you think I should forward that around to this morning? Koehler, Birgit G (BPA) - PG-5 6:56 AM:

Let me take a look

What is your impression?

Koehler, Birgit G (BPA) - PG-5 6:59 AM:

I'd say, let's have you, Katie, and I look for glaring flaws, then we send to Scott.... I don't know. Let me start with step one and look at it. Why don't you send to Scott now too. He's on early and would have time to look before the 8 am James, Eve A L (BPA) - PG-5 6:59 AM:

OK

Koehler, Birgit G (BPA) - PG-5 7:02 AM:

I'm 1/3 through, and so far am pretty happy with it

James, Eve A L (BPA) - PG-5 7:03 AM:

Yes- I think it's pretty good. Some of the statements we had in our notes suggestions they weren't comfortable putting in since the study wasn't about that topic specifically and they want to keep the slides clean and independent from BPA messaging

Koehler, Birgit G (BPA) - PG-5 7:05 AM:

Not too surprising or unrealistic, but we would want to capture those. Maybe we would have a couple of supplemental slides that have BPA's logo.

Like what the OR governor's office did together with the ODOE presentation. Only we'd try not to bend the conclusion of central study

James, Eve A L (BPA) - PG-5 7:05 AM:

That'

s exactly what I was thinking too

Koehler, Birgit G (BPA) - PG-5 7:22 AM:

Scott's note.... we should be prepared to discuss at 8 am.

(but I need to spend time reviewing PGB applications right now. Need to select whom to interview)

James, Eve A L (BPA) - PG-5 7:23 AM:

Yes- some of that comes from the same feedback they had from DOE as well that the build out of new resources covers those TX grid services so they do list them in a grey box but not highlighted

Sounds good- I'll stub bugging you on this - PGB interviews are important!

Koehler, Birgit G (BPA) - PG-5 7:24 AM:

I did notice that little gray box. Scott was probably looking for a bigger highlight. It's worth mentioning when we discuss this morning so all are clear on that.

From Scott:

[5/31/2022 7:25 AM] Armentrout, Scott G (BPA) - E-4:

I think we will have to spell out the NPV cost. That is a big number but it doesn't necessarily mean anything to me or how it would materialize.

Scott: I think numbers like that are easily disregarded in the world of narratives unless we make it more real. Koehler,Birgit G (BPA) - PG-5 7:29 AM:

from Scott, After going through it again, I suspect Joel would be very unhappy we don't list the services being replaced in a clean way upfront - no pun intended - lol

and my reply: TX services are in a gray box on Slide 5. We suggested to E3 to highlight them more, but DOE pointed out that many of the services are provided by the replacement resources

more from Scott: [5/31/2022 7:28 AM] Armentrout, Scott G (BPA) - E-4:

I don't think we should distribute to Joel till we reconcile the services being replaced

otherwise I agree it is probably about time to close the deal

I see your rec on BPA narrative

its a good idea

## [5/31/2022 7:29 AM] Armentrout, Scott G (BPA) - E-4:

Something like here is BPAs reaction to the data

Also, we will have to strategize who presents this to CEQ. Finally, DOE needs to see the final version to close the loop on the agency review

Before we drop it

## [5/31/2022 7:30 AM] Armentrout, Scott G (BPA) - E-4:

on the region

James, Eve A L (BPA) - PG-5 7:31 AM:

Yes and we know RESOLVE didn't capture them so it seems weird to highlight them

E3 also mentioned they are starting ot get questions of when the info will be released publicly so there is time to include it in Inslee/Murray process

Inslee/Murray is putting everything into NPV costs for comparisons

Koehler,Birgit G (BPA) - PG-5 7:32 AM:

maybe we can add a note on the side of the gray box that some are replaced by the new resources. That would implicitely acknowledge that not all are replaced too

Interesting on the NPV

Koehler, Birgit G (BPA) - PG-5 7:37 AM:

[5/31/2022 7:31 AM] Armentrout, Scott G (BPA) - E-4:

its not as straightforward as you guys had but its ok

Does this mean that those TX services have not been valued?

[5/31/2022 7:33 AM] Koehler, Birgit G (BPA) - PG-5:

E3 is supposed to qualitatively describe them. DOE made it clear that the dollar value is quite small compared to the energy/capacity value.

Eve just told me that the Inslee/Murray report is putting everything into NPV for comparison between studies

[5/31/2022 7:35 AM] Armentrout, Scott G (BPA) - E-4:

Not surprised - NPV is so obscure though it needs to be put into real world dollars and sense when explained

[5/31/2022 7:35 AM] Koehler, Birgit G (BPA) - PG-5:

It doesn't seem so obscure to me

Koehler, Birgit G (BPA) - PG-5 12:30 PM:

I only found the ODOE presentation, not the OR governor (Jim McKenna?) piece

James, Eve A L (BPA) - PG-5 2:44 PM:

I'm calling into the bridge

Koehler, Birgit G (BPA) - PG-5 2:44 PM:

OK

Hydro meeting done?

Koehler, Birgit G (BPA) - PG-5 4:13 PM:

I hate to do this, but I think we need to pursue the peer review again. If the timing doesn't work, we can pull the plug before we commit to contracting. But I do think we need to get moving. We keep getting asked about this.