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**From:** Arne Olson <arne@ethree.com>  
**Sent:** Thursday, July 7, 2022 10:12 AM  
**To:** Koehler,Birgit G (BPA) - PG-5  
**Cc:** James,Eve A L (BPA) - PG-5; Aaron Burdick  
**Subject:** [EXTERNAL] RE: latest update, and calendaring

Great, I'll call you then.

Not sure if "accuracy" is the word I would choose to describe a scenario so speculative, but there's no question it's a difficult case to solve...

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**From:** Koehler,Birgit G (BPA) - PG-5 <bgkoehler@bpa.gov>  
**Sent:** Thursday, July 7, 2022 9:46 AM  
**To:** Arne Olson <arne@ethree.com>  
**Cc:** James,Eve A L (BPA) - PG-5 <ejames@bpa.gov>; Aaron Burdick <aaron.burdick@ethree.com>  
**Subject:** RE: latest update, and calendaring

**DELIBERATIVE FOIA EXEMPT**

1:30 sounds good. Their questions are largely trying to find creative, out-of-the box ideas to reduce the costs. I don't think they are questioning the accuracy of your analysis.

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**From:** Arne Olson <[arne@ethree.com](mailto:arne@ethree.com)>  
**Sent:** Thursday, July 7, 2022 9:43 AM  
**To:** Koehler,Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Cc:** James,Eve A L (BPA) - PG-5 <[ejames@bpa.gov](mailto:ejames@bpa.gov)>; Aaron Burdick <[aaron.burdick@ethree.com](mailto:aaron.burdick@ethree.com)>  
**Subject:** [EXTERNAL] RE: latest update, and calendaring

OK, interesting. Maybe we can talk around 1:30 Pacific. Is there some additional information we can provide to help contextualize those costs? My understanding is it's pretty much driven by the need to go all the way to zero carbon for the entire region, which exhausts the available supply of good renewables and leaves us with offshore and Rockies wind with expensive new transmission.

I've asked Angineh to put together a table that builds up the costs from their components.

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**From:** Koehler,Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Sent:** Thursday, July 7, 2022 9:22 AM  
**To:** Arne Olson <[arne@ethree.com](mailto:arne@ethree.com)>  
**Cc:** James,Eve A L (BPA) - PG-5 <[ejames@bpa.gov](mailto:ejames@bpa.gov)>; Aaron Burdick <[aaron.burdick@ethree.com](mailto:aaron.burdick@ethree.com)>  
**Subject:** RE: latest update, and calendaring

**DELIBERATIVE FOIA EXEMPT**

Good morning Arne (or just now afternoon on the east coast),

We had a huddle this morning with our administrator, and he suggested that it would be a good idea for me to fill you in a little bit about what's been going on. I'm glad that I finally have the OK to do that.

The short explanation is that CEQ is nervous about the report and alarmed at the high costs, particularly the NPV of scenario 2c. CEQ is also asking a lot of unusual technical questions, but I am trying to field them. DOE has been advocating for us, and the decision on whether to hold or proceed despite CEQ went all the way up to the Secretary of Energy last evening.

Feel free to give me a call. My work phone is below and forwards to my personal cell. I'm mostly available today (except 11-12 PDT) since the results roll-out meetings are canceled.

Cheers,  
Birgit

.....  
**Birgit Koehler, Ph.D.** (she/her/hers)  
*Deputy Director of Power Generation Asset Management*  
**BONNEVILLE POWER ADMINISTRATION**  
[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov) | O: 503-230-4249

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**From:** Arne Olson <[arne@ethree.com](mailto:arne@ethree.com)>  
**Sent:** Wednesday, July 6, 2022 6:45 PM  
**To:** Koehler,Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Cc:** James,Eve A L (BPA) - PG-5 <[eajames@bpa.gov](mailto:eajames@bpa.gov)>; Aaron Burdick <[aaron.burdick@ethree.com](mailto:aaron.burdick@ethree.com)>  
**Subject:** [EXTERNAL] RE: latest update, and calendaring

Thanks Birgit.

Here is my availability for next week:

Tuesday, 7/12

- 8-11 AM
- 1-5 PM

Wednesday, 7/13

- Anytime

Thursday, 7/14

- After 10 AM

Friday, 7/15

- 8-10 AM

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**From:** Koehler,Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Sent:** Wednesday, July 6, 2022 6:23 PM  
**To:** Arne Olson <[arne@ethree.com](mailto:arne@ethree.com)>  
**Cc:** James,Eve A L (BPA) - PG-5 <[eajames@bpa.gov](mailto:eajames@bpa.gov)>; Aaron Burdick <[aaron.burdick@ethree.com](mailto:aaron.burdick@ethree.com)>  
**Subject:** RE: latest update, and calendaring

**DELIBERATIVE FOIA EXEMPT**