From: Koehler,Birgit G (BPA) - PG-5
Sent: Thursday, June 2, 2022 1:36 PM

To: Pruder Scruggs, Kathryn M (BPA) - E-4; Zelinsky, Benjamin D (BPA) - E-4;

Armentrout, Scott G (BPA) - E-4; James, Eve A L (BPA) - PG-5

Subject: RE: BPA perspective on E3 study

You're good Katie!

From: Pruder Scruggs, Kathryn M (BPA) - E-4 < kpruder@bpa.gov>

Sent: Thursday, June 2, 2022 1:18 PM

To: Koehler,Birgit G (BPA) - PG-5 <bgkoehler@bpa.gov>; Zelinsky,Benjamin D (BPA) - E-4 <bdzelinsky@bpa.gov>; Armentrout,Scott G (BPA) - E-4 <sgarmentrout@bpa.gov>; James,Eve A L (BPA) - PG-5 <eajames@bpa.gov>

Subject: RE: BPA perspective on E3 study

How about this?

- Any consideration of dam breaching must be informed best available information on the objective costs associated with replacing the full capabilities of those dams, including:
 - Peaking capabilities
 - o Transmission considerations
 - Reliability (ability to keep the lights on)
 - Land use
 - Affordability for homes and businesses
- Keep in mind that breaching, or reducing flexibility, while there are still fossil fuel generators on the grid will:
 - o Increase the time for shifting to a carbon-free electricity sector
 - o Increase the costs for shifting to a carbon-free electricity sector

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

Sent: Thursday, June 2, 2022 1:00 PM

To: Zelinsky, Benjamin D (BPA) - E-4 < bdzelinsky@bpa.gov >; Armentrout, Scott G (BPA) - E-4 < sgarmentrout@bpa.gov >;

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

Cc: Pruder Scruggs, Kathryn M (BPA) - E-4 < kpruder@bpa.gov>

Subject: RE: BPA perspective on E3 study

Ben, I do and I don't like your suggestion for the last slide. I like the message about best available information. (I'm tempted to throw something in there about timing, but that's not going to be a deal breaker for those wanting to breach.)

My vision for that last slide was to leave it as simple as possible, with just one sentence on there, which will stick with the viewer. Do you think there's a way to shorten your suggestion so we still get a simple final word in? I'm not seeing a succinct version readily, and maybe we decide to keep it as is.

Birgit

From: Zelinsky, Benjamin D (BPA) - E-4 < bdzelinsky@bpa.gov>

Sent: Thursday, June 2, 2022 11:25 AM

To: Armentrout, Scott G (BPA) - E-4 < sgarmentrout@bpa.gov >; James, Eve A L (BPA) - PG-5 < eajames@bpa.gov > Cc: Pruder Scruggs, Kathryn M (BPA) - E-4 < kpruder@bpa.gov >; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov >

Subject: RE: BPA perspective on E3 study

Deliberative, FOIA Exempt

Thanks for sharing this and it looks good overall. Attached are a few edits in green to consider. I also added a new slide for consideration that tries to compare and contrast the various competing studies in a single table. Even if we just use that table for ourselves, Scott and I were hoping we could create something like it for Bonneville leadership at a minimum.

Ben

From: Armentrout, Scott G (BPA) - E-4 <sgarmentrout@bpa.gov>

Sent: Thursday, June 2, 2022 9:33 AM

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

Cc: Pruder Scruggs, Kathryn M (BPA) - E-4 < kpruder@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov; Koehler, Birgit G (BPA) - PG-5 < <a h

Zelinsky, Benjamin D (BPA) - E-4 < bdzelinsky@bpa.gov>

Subject: RE: BPA perspective on E3 study

Thanks – Ben and I were talking this morning. He probably will be contacting you to discuss how we want to describe this contextually with all the other studies. I.e. this is where the E3 study fits in to the NWEC, ODEQ, etc stuff out there. I will take a look at this........ Scott

SCOTT G ARMENTROUT

Executive Vice President, Environment, Fish & Wildlife, SES | E-4 BONNEVILLE POWER ADMINISTRATION

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

Sent: Thursday, June 2, 2022 8:04 AM

To: Armentrout, Scott G (BPA) - E-4 < sgarmentrout@bpa.gov >

Cc: Pruder Scruggs, Kathryn M (BPA) - E-4 < kpruder@bpa.gov >; Koehler, Birgit G (BPA) - PG-5 < bgkoehler@bpa.gov >

Subject: BPA perspective on E3 study

Deliberative, FOIA Exempt