
From: Koehler,Birgit G (BPA) - PG-5
Sent: Thursday, April 28, 2022 12:20 PM
To: Aaron Burdick; James,Eve A L (BPA) - PG-5; Diffely,Robert J (BPA) - PGPL-5
Cc: Arne Olson
Subject: RE: BPA-E3

DELIBERATIVE FOIA EXEMPT

Aaron,

You were spot on. In the EIS LOLP approach, we did not necessarily replace the full capacity *and* only a few coal retirements were in the base case.

From: Aaron Burdick <aaron.burdick@ethree.com>
Sent: Thursday, April 28, 2022 12:13 PM
To: Koehler,Birgit G (BPA) - PG-5 <bgkoehler@bpa.gov>; James,Eve A L (BPA) - PG-5 <ejames@bpa.gov>; Diffely,Robert J (BPA) - PGPL-5 <rjdiffely@bpa.gov>
Cc: Arne Olson <arne@ethree.com>
Subject: [EXTERNAL] RE: BPA-E3

DELIBERATIVE FOIA EXEMPT

Thanks Eve. I've now spelled out CES to avoid confusion. Regarding the replacement capacity, the no policy case is driven by $3.4 \text{ GW} * 65\% \text{ firm capacity contribution} \rightarrow 2.2 \text{ GW}$ of firm capacity replacement. So, the EIS may have either assumed a lower firm capacity contribution or that the RA contributions of the dams do not need to be fully replaced. Maybe the latter if it was 2022 prior to the coal retirements, though I think most would argue the region is already in a capacity deficit position hence a full capacity replacement would be needed.

All the best,
Aaron

From: Koehler,Birgit G (BPA) - PG-5 <bgkoehler@bpa.gov>
Sent: Thursday, April 28, 2022 11:45 AM
To: Aaron Burdick <aaron.burdick@ethree.com>; James,Eve A L (BPA) - PG-5 <ejames@bpa.gov>; Diffely,Robert J (BPA) - PGPL-5 <rjdiffely@bpa.gov>
Cc: Arne Olson <arne@ethree.com>
Subject: RE: BPA-E3

DELIBERATIVE FOIA EXEMPT

I have a couple of small comments for the presentation (so you know I did look at it!) and a comparison to the EIS for curiosity

Please remember to say what CES stands for.

Slide 18 on the No LSR results, remember to mention whether the additional costs are calculated as cumulative (NPV-like) or are annual costs

I just looked up our EIS result for MO3 (dam breaching and other measures). With least-cost replacements (combined cycle gas), we identified 1,120 MW need for 2022. Comparing that to S0, No policy, the E3 results have around 2,500 MW for 2035. That's a pretty dramatic difference, acknowledging that there are several contributors notably including coal retirements.

From: Aaron Burdick <aaron.burdick@ethree.com>

Sent: Wednesday, April 27, 2022 5:18 PM

To: James,Eve A L (BPA) - PG-5 <ejames@bpa.gov>; Diffely,Robert J (BPA) - PGPL-5 <rjdiffely@bpa.gov>; Koehler,Birgit G (BPA) - PG-5 <bgkoehler@bpa.gov>

Cc: Arne Olson <arne@ethree.com>

Subject: [EXTERNAL] RE: BPA-E3

DELIBERATIVE FOIA EXEMPT

An abridged summary version of the draft results is attached. Let me know if you have any suggested changes prior to the executive briefing tomorrow.

Thanks,
Aaron

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

From: Cooper,Suzanne B (BPA) - P-6 <sbcooper@bpa.gov>

Sent: Tuesday, April 26, 2022 2:44 PM

To: Cooper,Suzanne B (BPA) - P-6; James,Eve A L (BPA) - PG-5; Cook,Joel D (BPA) - K-7; Leady Jr,William J (BPA) - PG-5; Armentrout,Scott G (BPA) - E-4

Cc: Aaron Burdick; Diffely,Robert J (BPA) - PGPL-5; Koehler,Birgit G (BPA) - PG-5 (bgkoehler@bpa.gov); Arne Olson

Subject: FW: BPA-E3

When: Thursday, April 28, 2022 3:30 PM-4:30 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Webex

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

From: Cooper,Suzanne B (BPA) - P-6 <sbcooper@bpa.gov>

Sent: Tuesday, April 26, 2022 2:31 PM

To: Cooper,Suzanne B (BPA) - P-6; Cooper,Suzanne B (BPA) - P-6; James,Eve A L (BPA) - PG-5; Cook,Joel D (BPA) - K-7; Leady Jr,William J (BPA) - PG-5; Armentrout,Scott G (BPA) - E-4

Subject: BPA-E3

When: Thursday, April 28, 2022 3:30 PM-4:30 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Webex

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