

I know it means something – but what?

It doesn't get at how much it would cost to replace the dams

Because it doesn't translate

[5/25/2022 9:25 AM] Armentrout,Scott G (BPA) - E-4:

I think of it as stated before - what is the upfront cost and then the recurring cost for how long. Bounding

Something with this wide of range and avg is reduced to a random number when someone wants to know the cost

[5/25/2022 9:26 AM] Armentrout,Scott G (BPA) - E-4:

Also the qualifier words like "depending on"

I know this is a tough project - but maybe not as tough as doing CRSO over again - ugh

[5/25/2022 9:28 AM] Koehler,Birgit G (BPA) - PG-5:

I understand what you are saying. The challenge I have in framing it is that we just don't know what carbon policy will be in 10-25 years. And we don't know if batteries will be abundant, or if there will be lithium shortage. And we don't know if SMRs will break through to commercial viability,...

Not trying to make excuses, but struggling how to frame this range properly. We may be able to frame it at the lower end (still very high) but also caveat the risk that it could be a lot, a lot higher.

[5/25/2022 9:30 AM] Koehler,Birgit G (BPA) - PG-5:

Katie, Eve, and I are meeting at 10 to work through this. We'll include the up-front build cost into the opening slides

[5/25/2022 9:30 AM] Armentrout,Scott G (BPA) - E-4:

I say we go on the knowns

the unknowns can be mentioned but we have to go with what is, not what will be

[5/25/2022 9:32 AM] Armentrout,Scott G (BPA) - E-4:

So here is the cost today. The unknowns introduce a range of \$x-x.

[5/25/2022 9:33 AM] Armentrout,Scott G (BPA) - E-4:

I used to ask the question about what triggers are out there that would move us differently? - i.e. the advent of some new technology, cost of power or competitiveness numbers of a certain amount, etc.

So I heard power say that power generation at the Willamette's was no longer beneficial at a certain number

[5/25/2022 9:35 AM] Armentrout,Scott G (BPA) - E-4:

While not relevant with this E3 study, it is a concept I still think leadership could use - what are we watching for as triggers to make a conclusion that a cost is worth it or not worth it

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

Sent: Wednesday, May 25, 2022 8:41 AM

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

Subject: RE: Skype from Scott RE non-tech E3 slide deck

10-4. I'll send the email so you can start looking at it, then I'll book some time.