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**From:** Koehler,Birgit G (BPA) - PG-5  
**Sent:** Wednesday, June 1, 2022 5:38 PM  
**To:** Marker,Douglas R (BPA) - AIR-7  
**Subject:** RE: could use your input on one bullet

I like it!

Many thanks 😊

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**From:** Marker,Douglas R (BPA) - AIR-7 <[drmarker@bpa.gov](mailto:drmarker@bpa.gov)>  
**Sent:** Wednesday, June 1, 2022 5:22 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)>; Pruder Scruggs,Kathryn M (BPA) - E-4 <[kpruder@bpa.gov](mailto:kpruder@bpa.gov)>  
**Subject:** RE: could use your input on one bullet

We have same instinct to not exaggerate the length of time it will take but to be realistic. So I offered a suggestion to convey that.

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**From:** Koehler,Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Sent:** Wednesday, June 1, 2022 4:57 PM  
**To:** Marker,Douglas R (BPA) - AIR-7 <[drmarker@bpa.gov](mailto:drmarker@bpa.gov)>  
**Cc:** James,Eve A L (BPA) - PG-5 <[eajames@bpa.gov](mailto:eajames@bpa.gov)>; Pruder Scruggs,Kathryn M (BPA) - E-4 <[kpruder@bpa.gov](mailto:kpruder@bpa.gov)>  
**Subject:** RE: could use your input on one bullet

Thanks. That does help. If NEPA has to happen in-between those two steps, then that could add 2-4 years too, but there might be overlap so it might not fully extend the timeline. I am concerned about appearing to exaggerate, so what do you think about this? We want to keep it super simple, but it is difficult to put something complicated into simple wording and still be accurate

- Up to XXX years total
  - ~~Perhaps~~ Practically, likely 5 to 10 years for Congressional approval for breaching, USACE NEPA analysis, and Congressional budget appropriations
  - Roughly 5 years to replace the capacity resources [awaiting confirmation from Rob Diffely]
  - XXX to build transmission, which includes providing compliance with the National Environmental Policy Act, siting, permits, etc.

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**From:** Marker,Douglas R (BPA) - AIR-7 <[drmarker@bpa.gov](mailto:drmarker@bpa.gov)>  
**Sent:** Wednesday, June 1, 2022 4:40 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)>; Pruder Scruggs,Kathryn M (BPA) - E-4 <[kpruder@bpa.gov](mailto:kpruder@bpa.gov)>  
**Subject:** RE: could use your input on one bullet

I'll try to give you a reasonable hypothetical – given that your audience should be familiar with the legislative process.

I base this on breaching requiring Congressional authorization – but it seems reasonable to me that Congressional action would take at least two sequenced actions.

Congress would have to authorize dam breaching, presumably in a Water Resource Development Act cycle – so at least two years.

Then you should assume how long it will take Corps to do planning and design and the necessary NEPA process.

Then it will matter of getting appropriations. The Administration would presumably propose in the President's budget – that's a two year lead time, and then a year at minimum for initial appropriations.

That gives me five years in a reasonable sequence of congressional action – but not including Corps planning and design and NEPA.

Does that help?

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**From:** Koehler, Birgit G (BPA) - PG-5 <[bgkoehler@bpa.gov](mailto:bgkoehler@bpa.gov)>  
**Sent:** Wednesday, June 1, 2022 4:04 PM  
**To:** Marker, Douglas R (BPA) - AIR-7 <[drmarter@bpa.gov](mailto:drmarter@bpa.gov)>  
**Cc:** James, Eve A L (BPA) - PG-5 <[eajames@bpa.gov](mailto:eajames@bpa.gov)>; Pruder Scruggs, Kathryn M (BPA) - E-4 <[kpruder@bpa.gov](mailto:kpruder@bpa.gov)>  
**Subject:** could use your input on one bullet

### Deliberative, FOIA Exempt

Hey Doug,

Eve, Katie Pruder Scruggs, and I are preparing a few slides for DOE/CEQ that includes a timeline for how long it might take if we had to replace the generation of the LSN dams. Do you have a good idea what we should put into that first red text under bullet 2 for how long it might take Congress to approve breaching? The "Perhaps 1 to 5 year" is my un-informed guess absent input from someone like you with DC experience.

BONNEVILLE POWER ADMINISTRATION

**While it is *feasible* to replace power benefits of the lower Snake River dams, it is not *cheap, fast, or easy.***

- **Not cheap**
  - XXX for public power total, assuming paid for with debt spread over 50 years.
  - XXX for each public power household per year
  - XXX households affected
  - Social justice issue – lower income households would be disproportionately harmed by increased costs because a larger proportion of their income goes to the electric bill
- **Not fast**
  - Up to XXX years total
    - Perhaps 1 to 5 years for Congressional approval
    - Roughly 5 years to replace the capacity resources (confirms with Diffely, meant to include siting and construction)
    - XXX to build transmission, which includes providing compliance with the National Environmental Policy Act, siting, permits, etc.
- **Not easy**
  - Policy requirements to reduce emissions are removing fossil fuel resources from the grid. Breaching the four lower Snake River dams significantly **adds to the deficit of resources** in the region.

Acquiring replacement resources could require building new renewable resources at an unprecedented rate.

Deliberative, FOIA Exempt 4