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**From:** Stiffler, Peter B (BPA) - KSL-4  
**Sent:** Thursday, June 30, 2022 2:23 PM  
**To:** Ashby, Gordon S (BPA) - PGA-6; James, Eve A L (BPA) - PG-5; Diffely, Robert J (BPA) - PGPL-5; Lennox, Alexander (BPA) - FTR-2  
**Cc:** Koehler, Birgit G (BPA) - PG-5  
**Subject:** RE: Draft Exec Summary

### Deliberative, FOIA exempt

50 years seems most consistent with other analysis. Ultimately, it should be tied to the useful life of the LSR dams. If storage assets have 10 year useful, and LSR dams are expected to last 50 years, then full modelling would include 5 tranches of battery additions.

It sounds like E3 is using production cost modelling to make resource build decisions, so they would then be accounting for this.

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**From:** Ashby, Gordon S (BPA) - PGA-6 <[gsashby@bpa.gov](mailto:gsashby@bpa.gov)>  
**Sent:** Thursday, June 30, 2022 1:44 PM  
**To:** James, Eve A L (BPA) - PG-5 <[ejames@bpa.gov](mailto:ejames@bpa.gov)>; Diffely, Robert J (BPA) - PGPL-5 <[rjdiffely@bpa.gov](mailto:rjdiffely@bpa.gov)>; Stiffler, Peter B (BPA) - KSL-4 <[pbstiffler@bpa.gov](mailto:pbstiffler@bpa.gov)>; Lennox, Alexander (BPA) - FTR-2 <[alennox@bpa.gov](mailto:alennox@bpa.gov)>  
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**Subject:** RE: Draft Exec Summary

### Deliberative, FOIA exempt

We typically used a 50-year NPV analysis for hydro projects. I don't think that there is a comparable number in the EIS. The Corps presented the differences in scenarios in terms of average annual costs. I can't remember there being NPVs anywhere that compared the expected future value of generation and project costs with and without the LSRDs. Birgit and I put together a question response that put some additional perspective around net benefits, but those were again on an average annual basis using the information the Corps put together. For context, I believe the Corps' average annual calculations were also done on 50 years of data. That's how much I provided for Capital and O&M anyway.

Gordon

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**From:** James, Eve A L (BPA) - PG-5 <[ejames@bpa.gov](mailto:ejames@bpa.gov)>  
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**Subject:** FW: Draft Exec Summary

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Hello-

Let me know what your thoughts are on this- does one method work better for comparing to the CRSO EIS analysis? I'm not sure who all worked on this type of NPV analysis for the CRSO EIS or who might have helpful thoughts on how to respond to E3 since this is out of my realm of expertise.

Thanks,