

Task 1 | EDAM Bookend for future years

- *Description* | As part of the initial WMEG study, the costs and benefits for the EDAM Bookend were only provided for 2026. Task 1 has requested E3 to compute cost benefit values for the EDAM Bookend for 2030 and 2035 as well.
- *Sensitivity*
 - Base Condition from WMEG case
- *Market Footprints Modeled*
 - 2030 EDAM Bookend
 - 2035 EDAM Bookend

Task 2 | Lower Market to Market Hurdle Rates for 2026

- *Description* | As part of the initial study, Market to Market hurdle rates were reduced in a sensitivity case to the 2030 study. Bonneville has requested adjustments to hurdle rates for 2026
- *Sensitivities*
 - M2M 1 (DA Hurdle \$6 adder, RT Hurdle \$3 adder)
 - M2M 2 Further Coordination (Hurdle rate adders: DA \$3 RT: \$3)
 - M2M 3 Highest Coordination (DA & RT \$3 adder + 50% reduction in transmission charge)
- *Market Footprints Modeled*
 - 2026 Main Split (BPA in M+)
 - 2026 Alt Split 4 (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 3 | Low Water Year (& Stressed Loads)

- *Description* | Hydro resources are significantly reduced due to poor rain & snowpack, also tested with stressed loads
- *Sensitivities*
 - Simulate low hydro conditions by reduced monthly energy available in Northwest region
 - Simulate low hydro conditions PLUS increased loads during challenging weather conditions (multi-day heat & multi-day cold events)
- *Market Footprints Modeled**
 - 2026 BAU
 - 2026 EDAM Bookend
 - 2026 Alt Split 4A (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 4 | BPA EIM only (& Stressed Loads)

- *Description* | Bonneville does not participate in any day-ahead market but remains a participant in CAISO EIM. Neighboring BAA's are participants in one of the day-ahead markets
- *Sensitivities*
 - Base Condition from WMEG Case
 - Also simulate increased loads due to challenging weather conditions (multi-day heat & multi day cold events)
- *Market Footprints Modeled**
 - 2026 EDAM Bookend (BPA EIM only)
 - 2026 Alt Split 4A (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 5 | (Hypothetical) Additional Transmission Capacity

- *Description* | Model the inclusion of a hypothetical transmission line to represent expanded transmission capacity between the Pacific Northwest and Desert Southwest
 - Expanded capacity = 2000MWs bidirectional between BPA and Palo Verde Zone
- *Sensitivities*
 - Base Condition from WMEG Case
- *Market Footprints Modeled*
 - 2026 Alt Split 4 (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 6 | Capacity Benefits

- *Description* | Estimate the range of potential capacity benefits associated with day-ahead market participation
 - Estimate load diversity across of market footprints to indicate potential reduction in coincident vs. non-coincident peak
 - Estimate potential capacity savings if diversity can enable reduced procurement of capacity resources
- *Market Footprints*
 - BAU
 - EDAM Bookend
 - Alt Split 4A (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 7 | Market comparison in interaction with WRAP

- *Description* | Understand the potential difference in ability of either market's rules & practices to enable realization of RA benefits
 - Summarize EDAM & M+ tariff and business practice plan for must offer obligations and reserve needs, explore extent to which details might impact potential RA needed or cost
- *Market Footprints*
 - BAU
 - EDAM Bookend
 - Alt Split 4A (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Task 8 | GHG Regulation Investigation

- *Description* | Understand the impact that M+ vs. EDAM rules regarding GHG import treatment and pricing specific to the treatment of resources contracted to load in a GHG zone.
 - Summarize EDAM & M+ tariff and business practice plan regarding GHG and what energy is determined to be scheduled into GHG zones (WA/CA)
 - Explore implied range of economic impact for BPA under potential market conditions and scenarios
- *Market Footprints*
 - EDAM Bookend
 - Alt Split 4A (CA, PAC, IPCO, NVE, PGE, SCL in EDAM)

Results Timeline

- Following the trend established with the initial WMEG study results, the results of the additional analyses will be posted to the Day-Ahead Markets part of Bonneville's external website
- Analysis results will be made available with materials for the August 6th & 7th stakeholder workshop