

**DOCKETED**

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<b>Project Title:</b>	Integrated Resource Plan
<b>TN #:</b>	259659
<b>Document Title:</b>	Response to CEC Staff Questions on TID IRP
<b>Description:</b>	Response to CEC Staff Questions on TID IRP
<b>Filer:</b>	Meredith Monroe
<b>Organization:</b>	Turlock Irrigation District
<b>Submitter Role:</b>	Applicant
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<b>Docketed Date:</b>	10/23/2024



October 22, 2024

Mr. Joseph Merrill & Energy Efficiency and Demand Response Staff  
California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814

**Re: Email dated October 8, 2024**

Dear Mr. Merrill & Energy Efficiency and Demand Response Staff,

Below are Turlock Irrigation District's (TID's) responses to your recent emails requesting clarification of a few aspects of TID's most recent Integrated Resource Plan (IRP):

1. **CEC Question: Please confirm which weather scenarios were forecast, i.e. 1-in-2, 1-in-5, 1-in-10, etc?** You provided figures and data on the 1-in-2 years weather scenario in the report and standard tables while the IRP on page 4-2 refers to 1-in-5, 1-in-10 and 1-in-100: "The econometric model forecast is based on three scenarios—base, high growth, and low growth—to reflect various economic and demographic growth expectations. The model also forecasts three temperature scenarios: peak demand under a 1-in-5, 1-in-10, and 1-in-100 (extreme case)."
  - a. **TID Response:** The cases and methodology referenced on page 4-2 in the quote above (1-in-5, 1-in-10, 1-in-100) were for peak load forecast planning, but the IRP modeling results are based on 1-in-2 for both energy and peak load.
  
2. **CEC Question:** Can you also confirm the methodology for aggregating the EE savings reported in the TID 2023 IRP matches the methodology indicated in the Revised SB 350 Report on page A-18?
  - a. **TID Response:** Yes, to the best of our knowledge the method for aggregating the EE savings reported in TID's 2023 IRP matches the methodology indicated in the Revised SB 350 Report on page A-18.
  
3. **CEC Question:** Can you provide additional historical data on cumulative energy efficiency (EE) savings for years 2015 through 2022? This info could be provided as a separate figure for 2015 through 2022 or a replacement for your Figure 21 showing data for 2015 through 2030. This would help support the conclusion of meeting the cumulative EE savings of 140 GWh for TID in 2030 relative to the 2015 baseline as shown on page A-21, Table A-11 in *Revised SB 350 Doubling Energy Efficiency Savings by 2030* (Revised SB 350 Report), California Energy Commission (October

2017),

<https://efiling.energy.ca.gov/GetDocument.aspx?tn=224615&DocumentContentId=55172>.

- a. **TID Response:** TID has opted to provide an updated Figure 21, which includes historical EE savings for 2015-2022 alongside our latest EE targets from 2023-2030. Summing up the cumulative EE impacts out to 2030 yields approximately 157 GWh of cumulative savings in 2030, which is above the SB 350 2030 target for TID of 140 GWh of cumulative savings. The updated figure can be seen below.

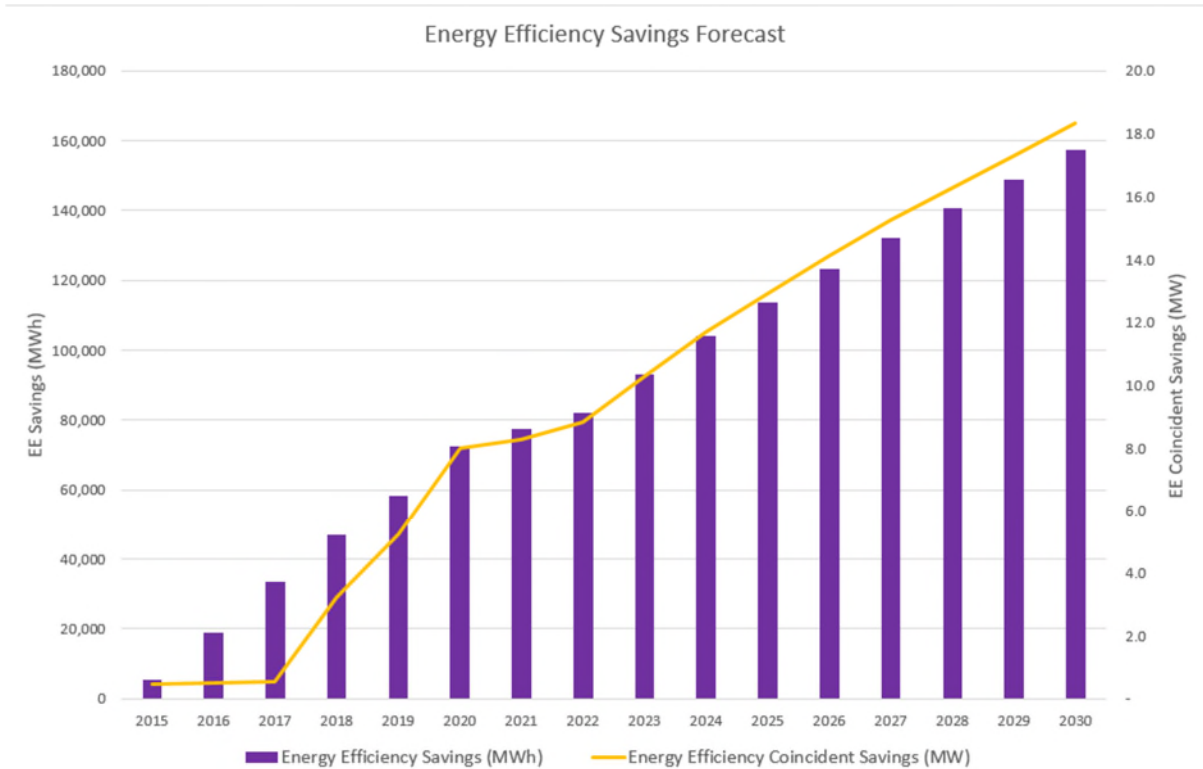


Figure 21. Annual Energy Efficiency Savings from TID Programs

Sincerely,

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