

Item 9: Revised 2023 Additional Achievable Fuel Substitution (AAFS) Hourly Results of the California Energy Demand 2023-2040 Forecast

July 10, 2024 Business Meeting

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Fix an error that assigned cooling load shapes to heating load.

Impacted Hourly Results	Adoption Date
AAFS Scenarios	February 2024
Planning Forecast & Local Reliability Scenario	February 2024
2023 Gradual Transformation AAFS Scenario	May 2024

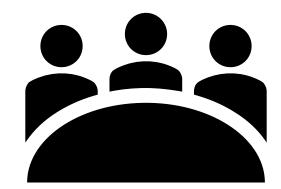


• Met and shared revised files with:

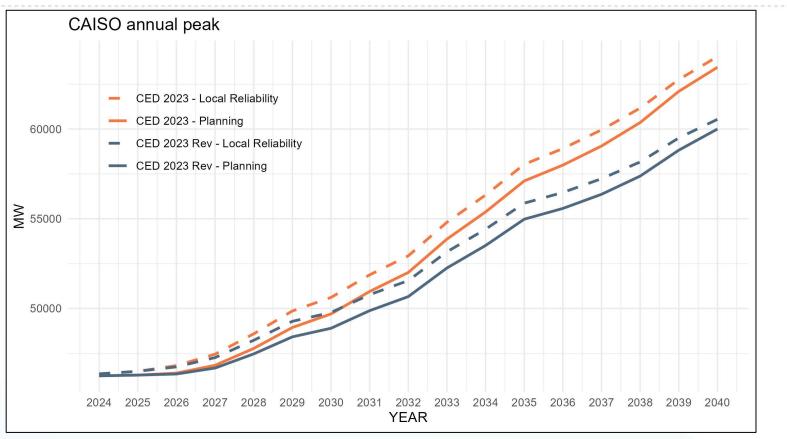
 $_{\odot}$ CARB, CPUC, and CAISO

○ IOUs (PG&E, SCE, SDG&E, and SCG)

June 12, 2024 Public Demand Analysis
Working Group (DAWG) Meeting



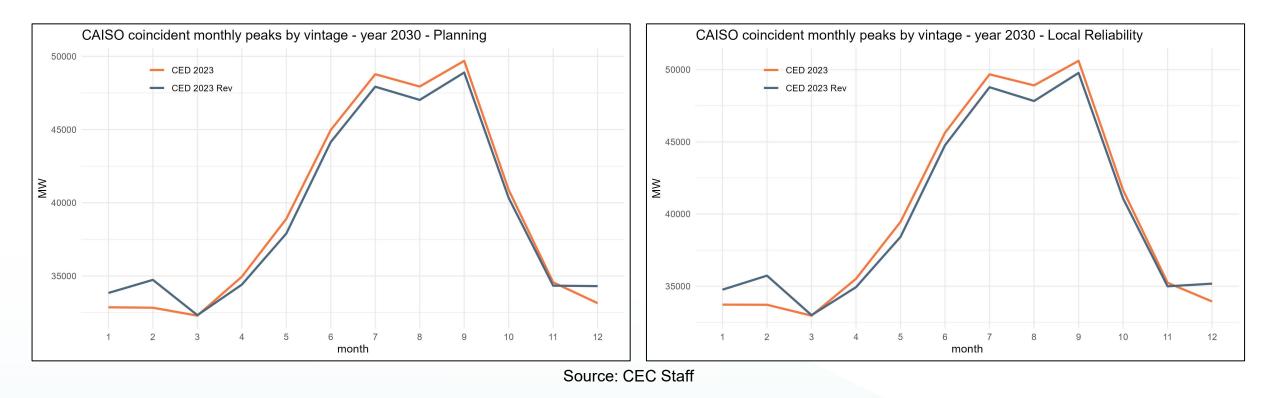
Revision Impact to CAISO Annual Peak



Source: CEC Staff

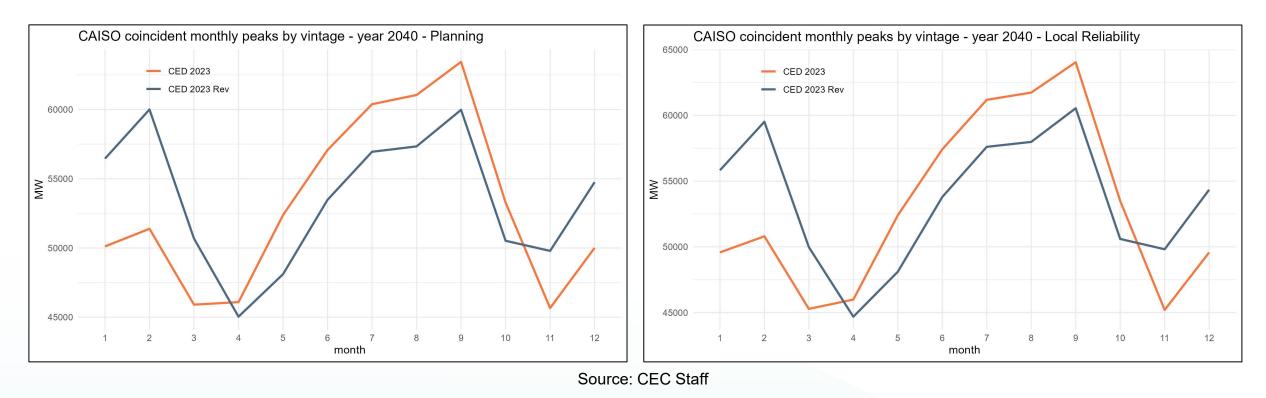
- Minor near-term impacts to annual peaks
- Noticeable lower growth in annual peaks in the longer term





- Monthly peaks increase in winter and decrease in summer
- Largest change occurs for February





- Monthly peaks noticeably increase in winter (~8,700 MW) and decrease (~3,500 MW) in summer
 - Planning Scenario: February peak surpasses September peak

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 <u>Local Reliability Scenario</u>: February peak is just shy (~1,000 MW) of September peak



 Adopt the Revised 2023 Additional Achievable Fuel Substitution (AAFS) Hourly Results of the California Energy Demand 2023-2040 Forecast

