



## California Energy Commission

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# SDG&E Planning Area Electricity Demand Forecasts

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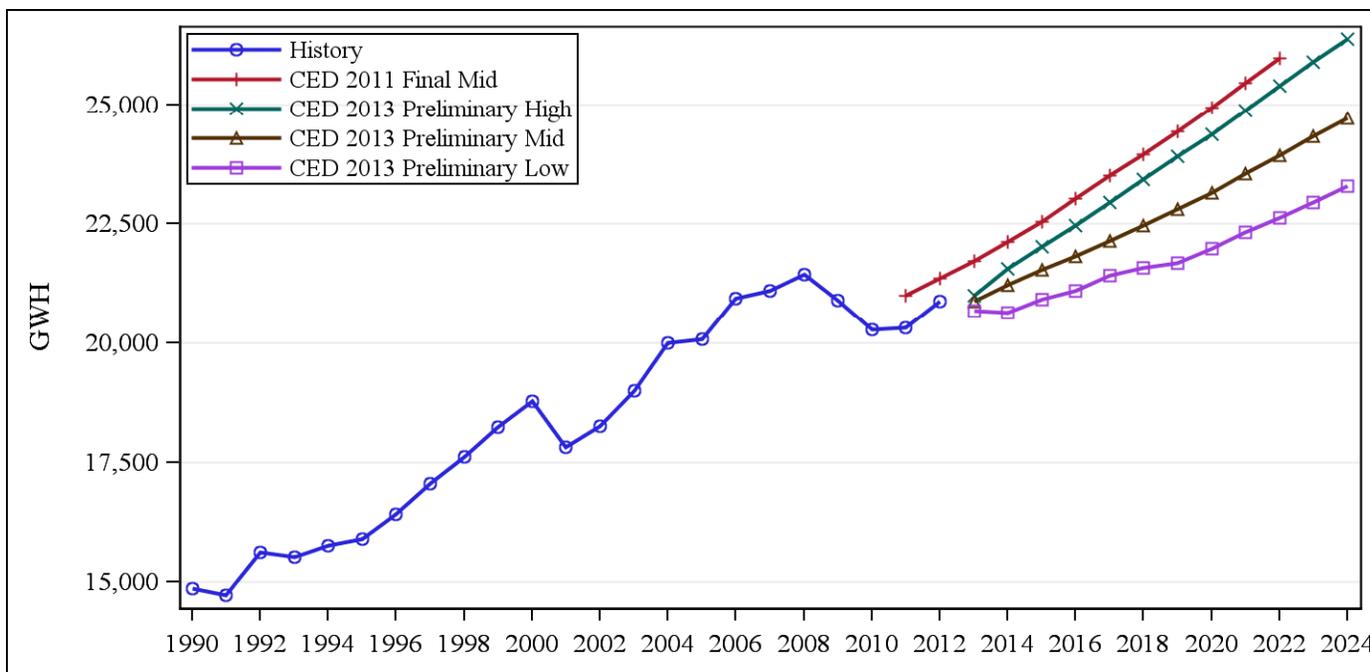
## Presentation Outline

1. Planning area results
2. Efficiency and Self-Generation
3. Comparison to SDG&E's forecast



## Electricity Consumption

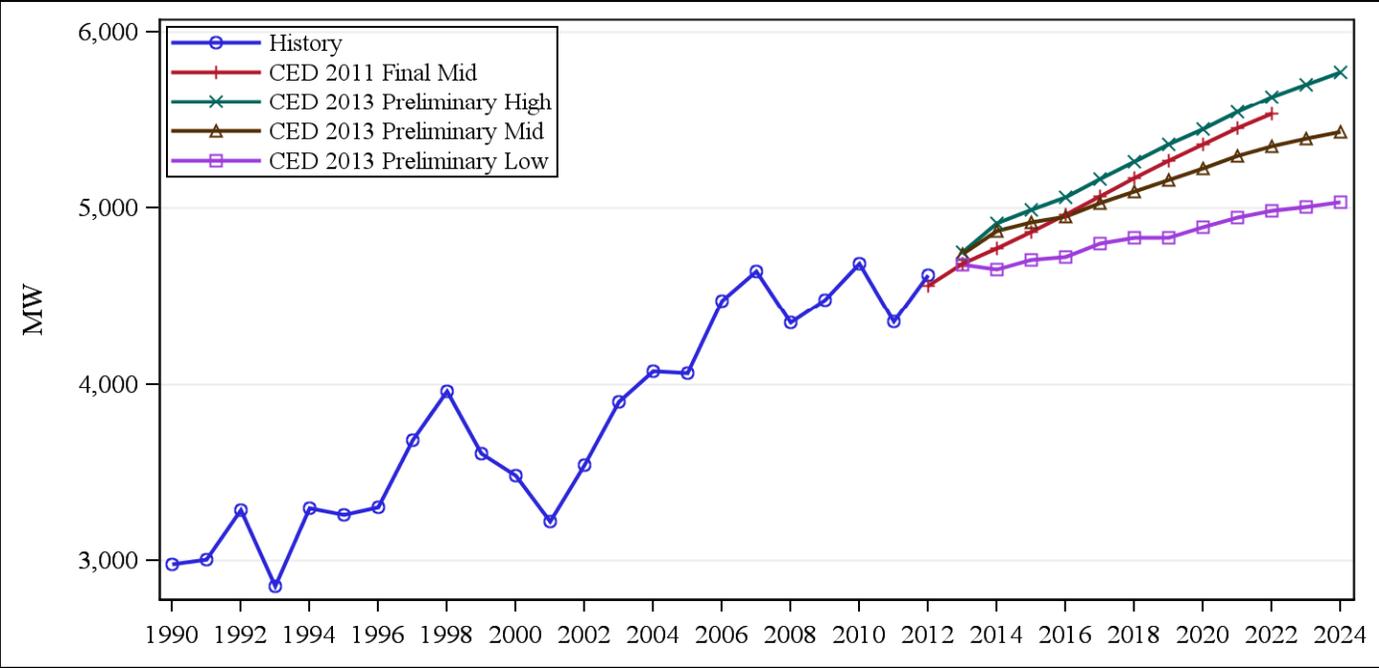
**Average annual growth 2012-2024: 1.96% in high case, 0.91% in low case**





# Peak Demand

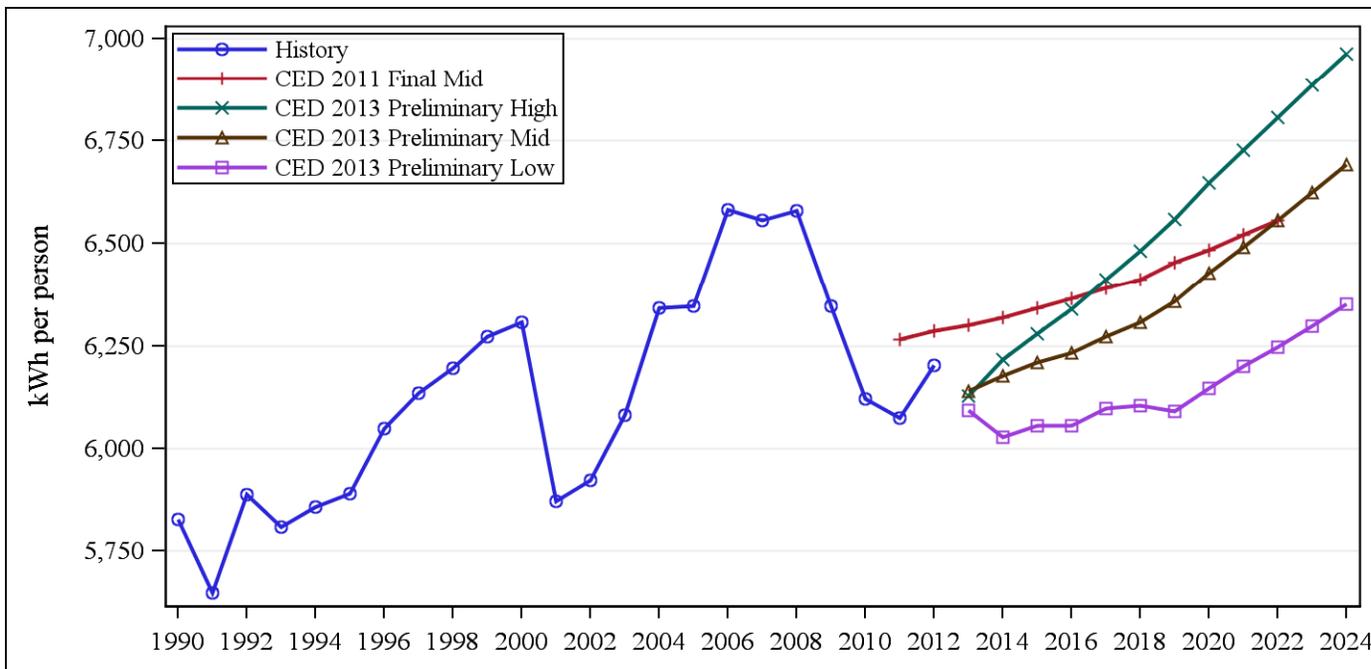
**Average annual growth 2012-2024: 1.92% in high case, 0.77% in low case**





# Per Capita Consumption

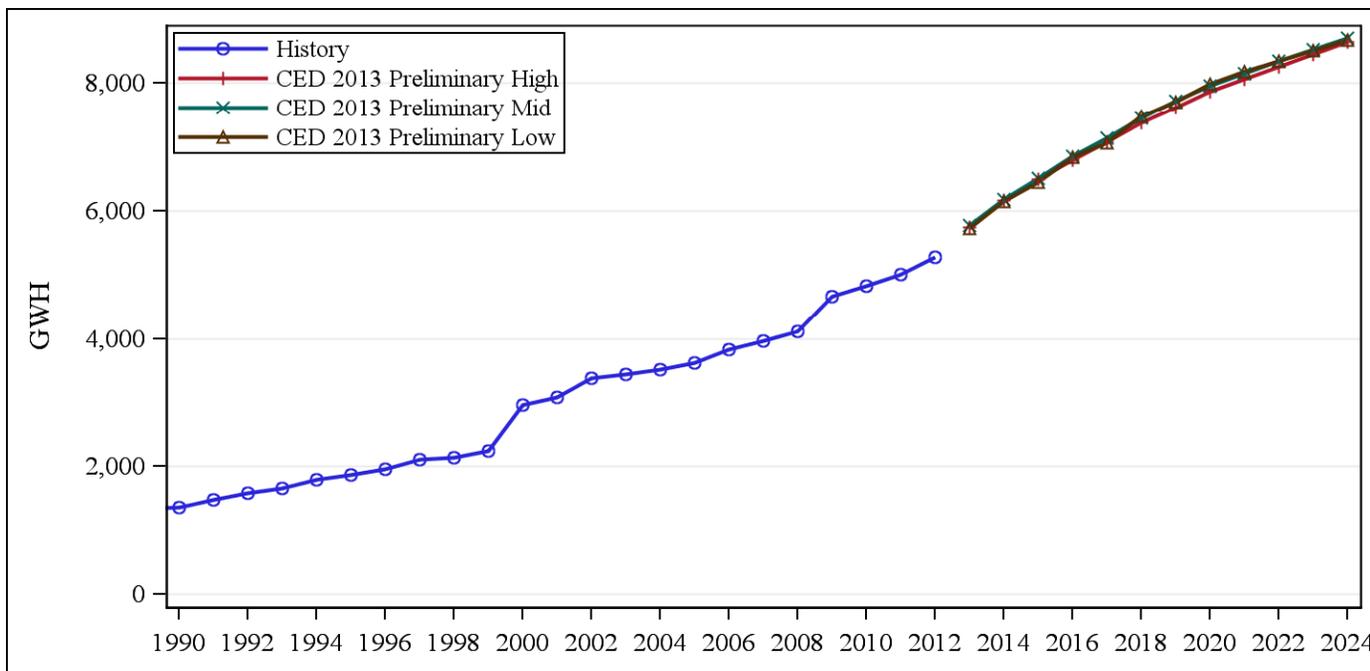
Relative to other planning areas, SDG&E was attributed a high percentage of forecasted EV consumption





# Efficiency Impacts

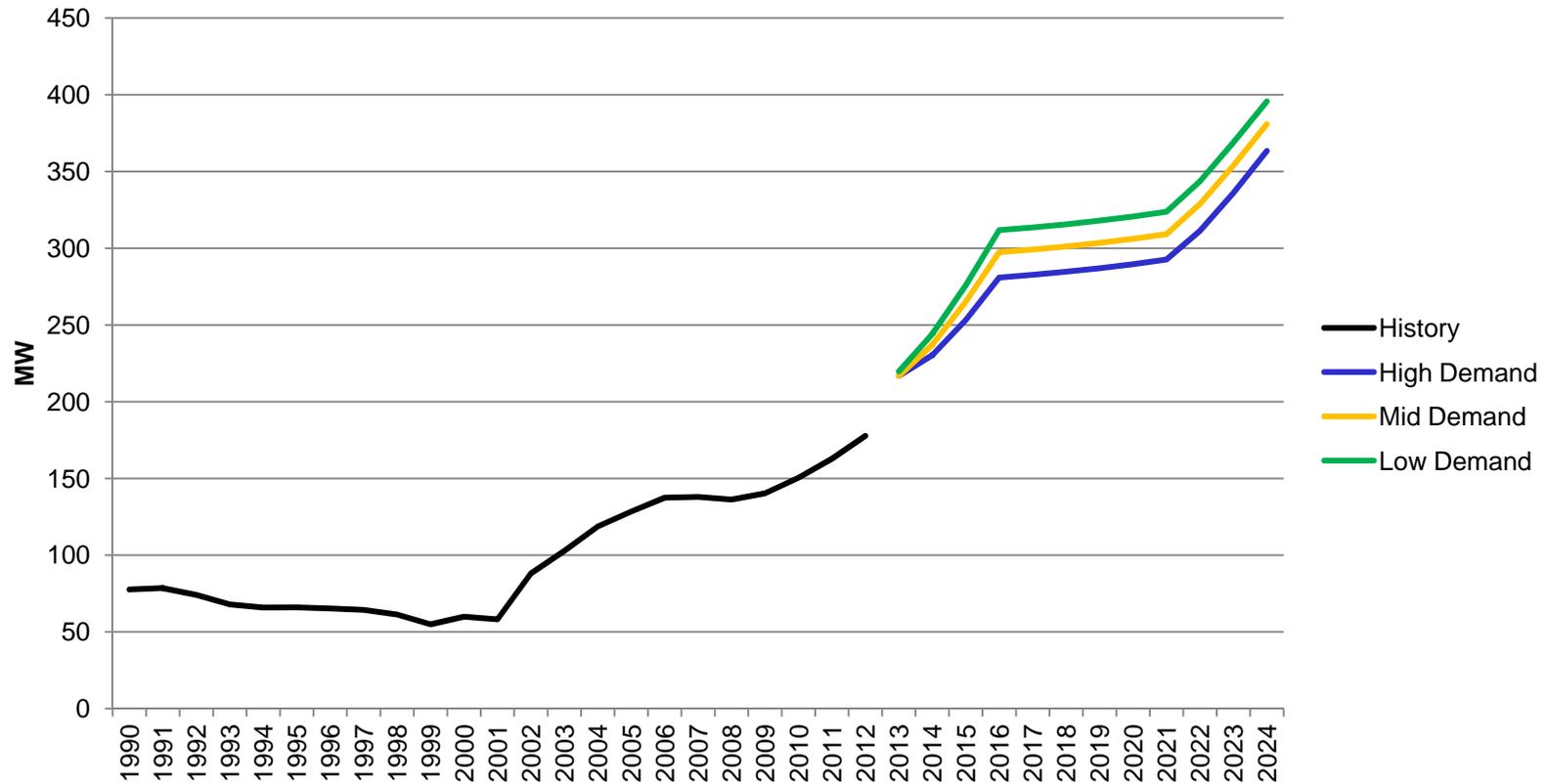
**Over 3,400 additional GWH savings projected**





# Self-Generation Peak Impacts

**PV Peak impacts increase by over 200 MW in the mid case**





# Comparison to SDG&E's Forecast

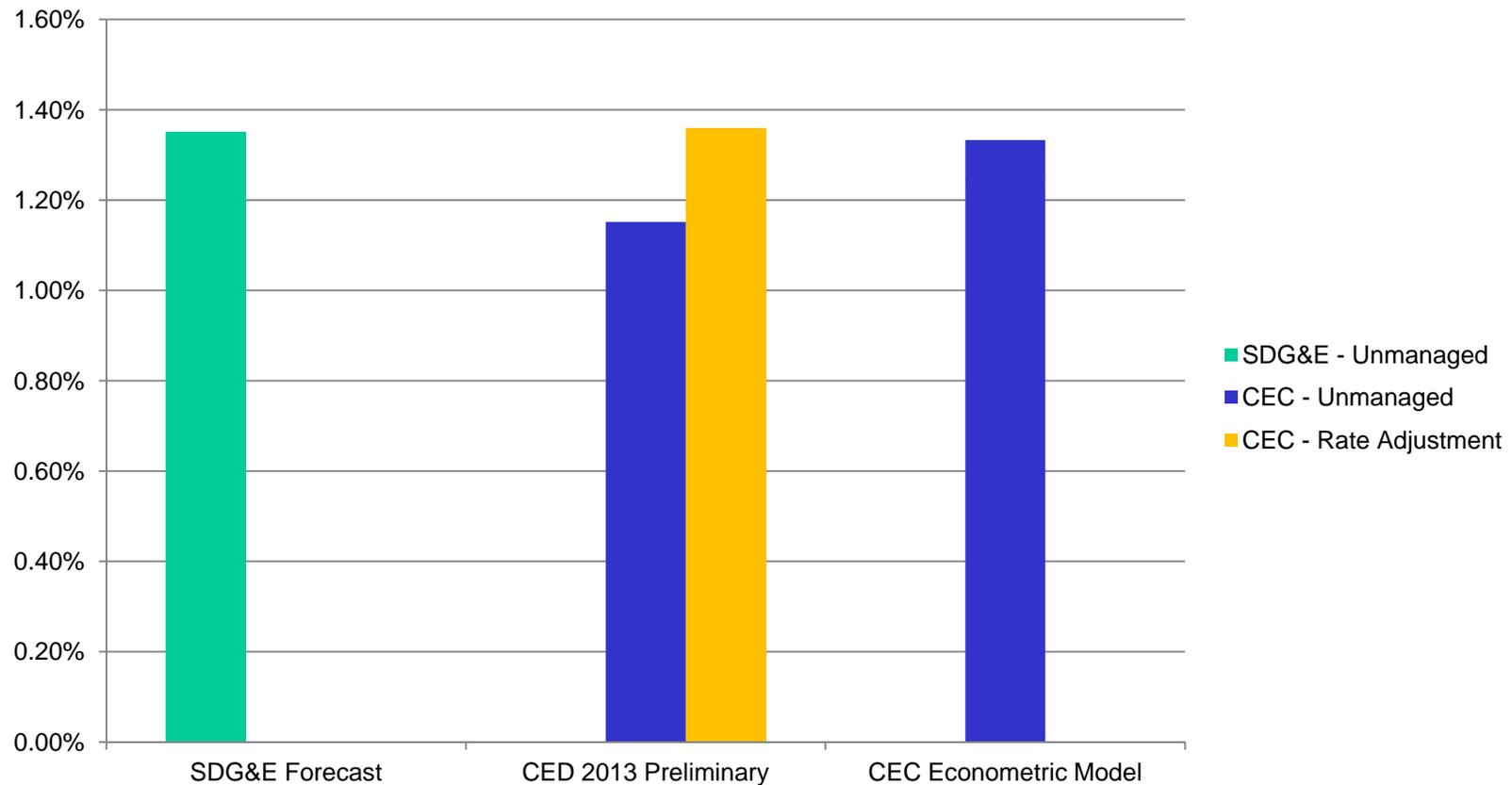
- SDG&E provided an unmanaged sales forecast
- CEC forecast projects significantly higher rates
- CEC forecast projects higher residential growth than commercial
- Adjusting for rates, the two sales forecasts project similar levels of growth
- SDG&E's peak forecast is relatively flat in the first year, while CEC forecast projects growth from 2012 to 2013



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# Comparison to SDG&E's Forecast

**Average annual growth in unmanaged sales forecasts is similar after adjusting for the rate discrepancy**





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# Comparison to SDG&E's Forecast

**Excluding the first year of the forecast and adjusting for rates, peak growth is similar from 2013 to 2024**

