

California Energy Commission

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# SCE's Comments on 2013 IEPR CEC Revised Forecast

IEPR Workshop  
October 1, 2013

# Remaining Issues to Address

## ➤ **Electric Load Forecast Update**

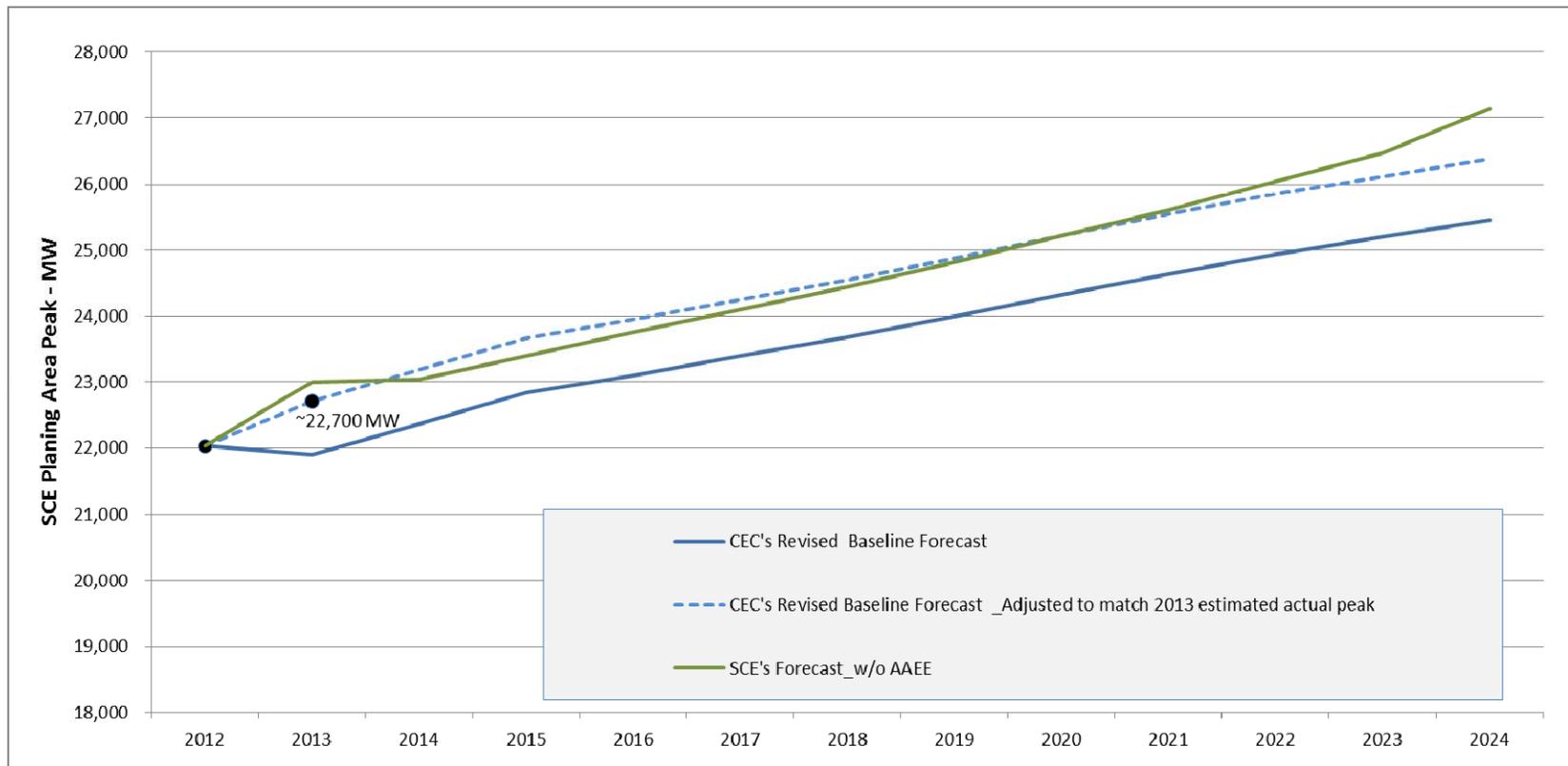
- Incorporation of updated EV load forecast
- Inclusion of other electrification load such as port electrification, existing light rail and subways
- Reflecting transportation electrification uncertainty through combining three scenario forecasts: a low-case, a mid-case, and a high-case forecast

## ➤ **Weather Normalization of Peak Demand**

- Joint effort among CEC, CAISO, and SCE
- SCE findings and recommendation

# Weather Normalization Impact on 2013 Peak Forecast

## Annual Peak Demand Forecast Comparison for SCE Planning Area



## SCE Findings and Recommendation

- Weather normalization of peak demand is important for long-term peak demand forecast
  - Affects the normalized historical load data
  - Impacts the forecast based on normalized weather assumption
  
- Use of weather stations, weights, and methodology in estimating peak temperatures may affect the weather normalization results
  - CEC and CAISO differ from SCE in 2012 summer peak weather assessment
  
- SCE recommendations
  - CEC incorporate the actual 2013 peak demand data in the final forecast
  - Utilize the existing DAWG forum to launch an initiative for all the stakeholders to address the issues related to weather normalization and build more commonality in the associated forecasting practice