



## California Energy Commission

California Energy Commission

**DOCKETED**  
**13-IEP-1C**

TN 72045

OCT. 07 2013

# SCE Planning Area Electricity Demand Forecasts

October 1, 2013

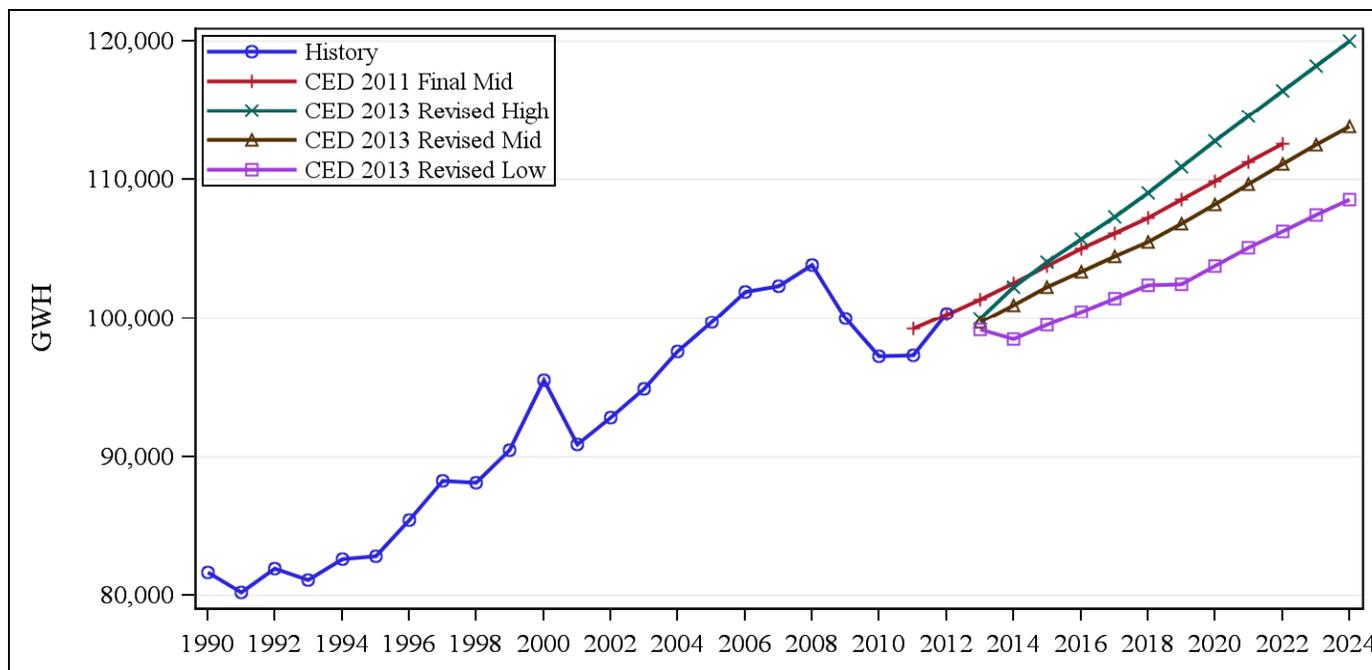
Nick Fugate  
Demand Analysis Office  
Electricity Supply Analysis Division



## California Energy Commission

# Baseline Electricity Consumption

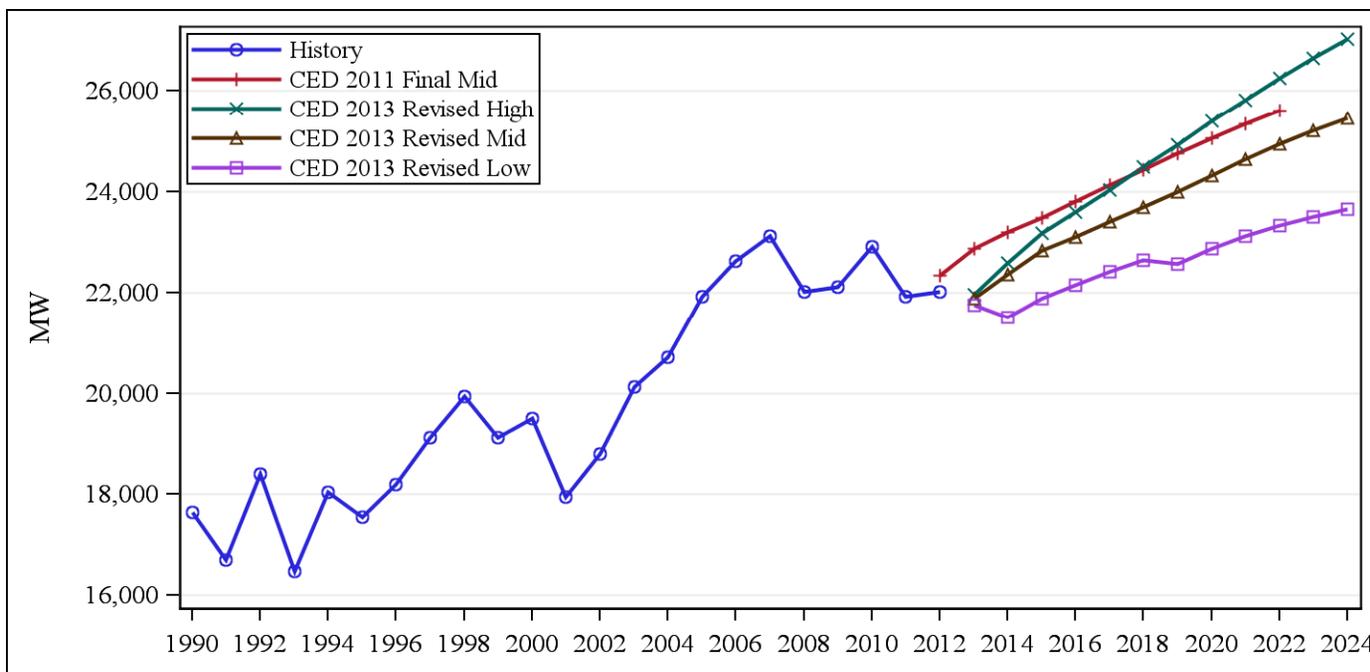
Average annual growth 2012-2024: 1.50% in high case, 0.66% in low case





## Baseline Peak Demand

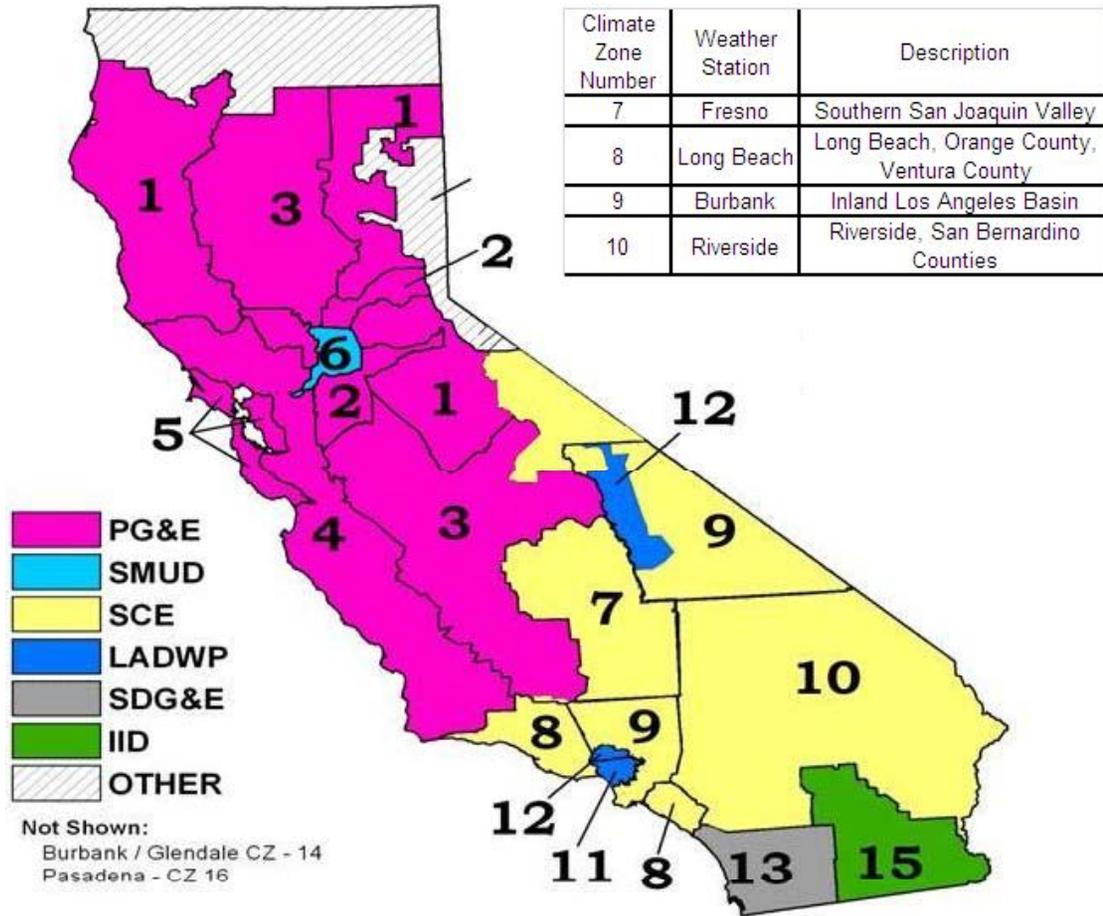
Average annual growth 2012-2024: 1.90% in high case, 0.78% in low case





# California Energy Commission

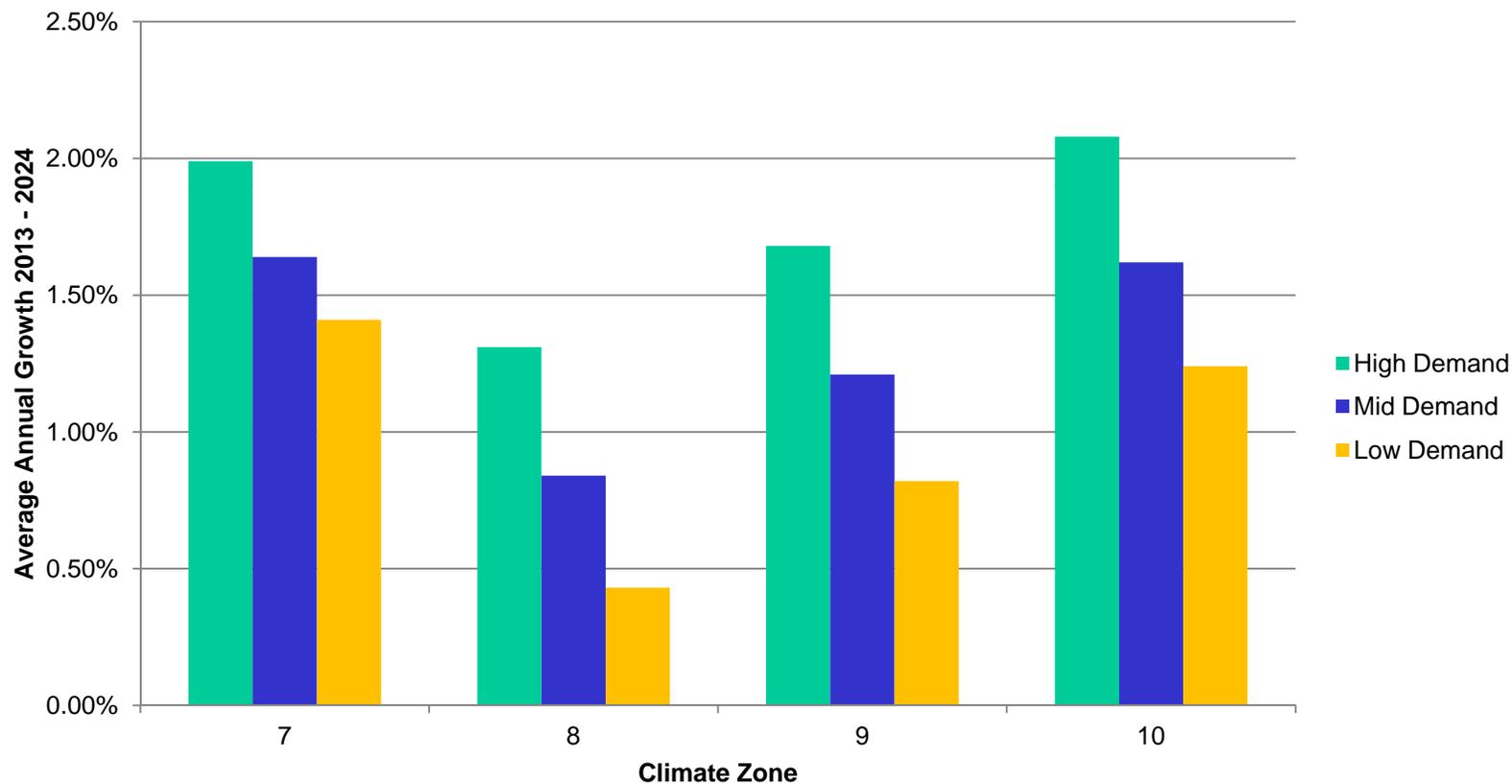
## Climate Zones





# Consumption Growth by Climate Zone

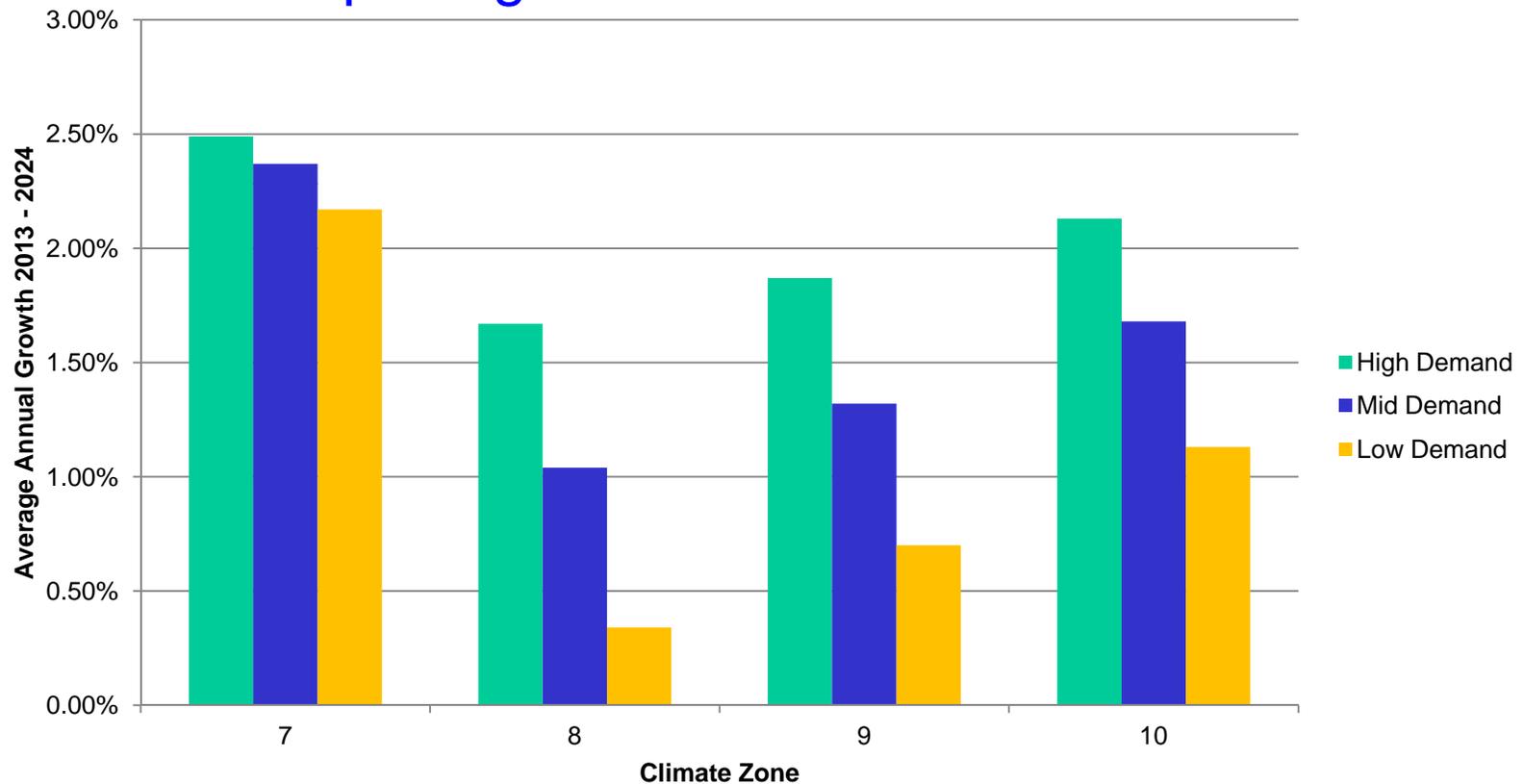
Highest growth occurs inland





# Peak Growth by Climate Zone

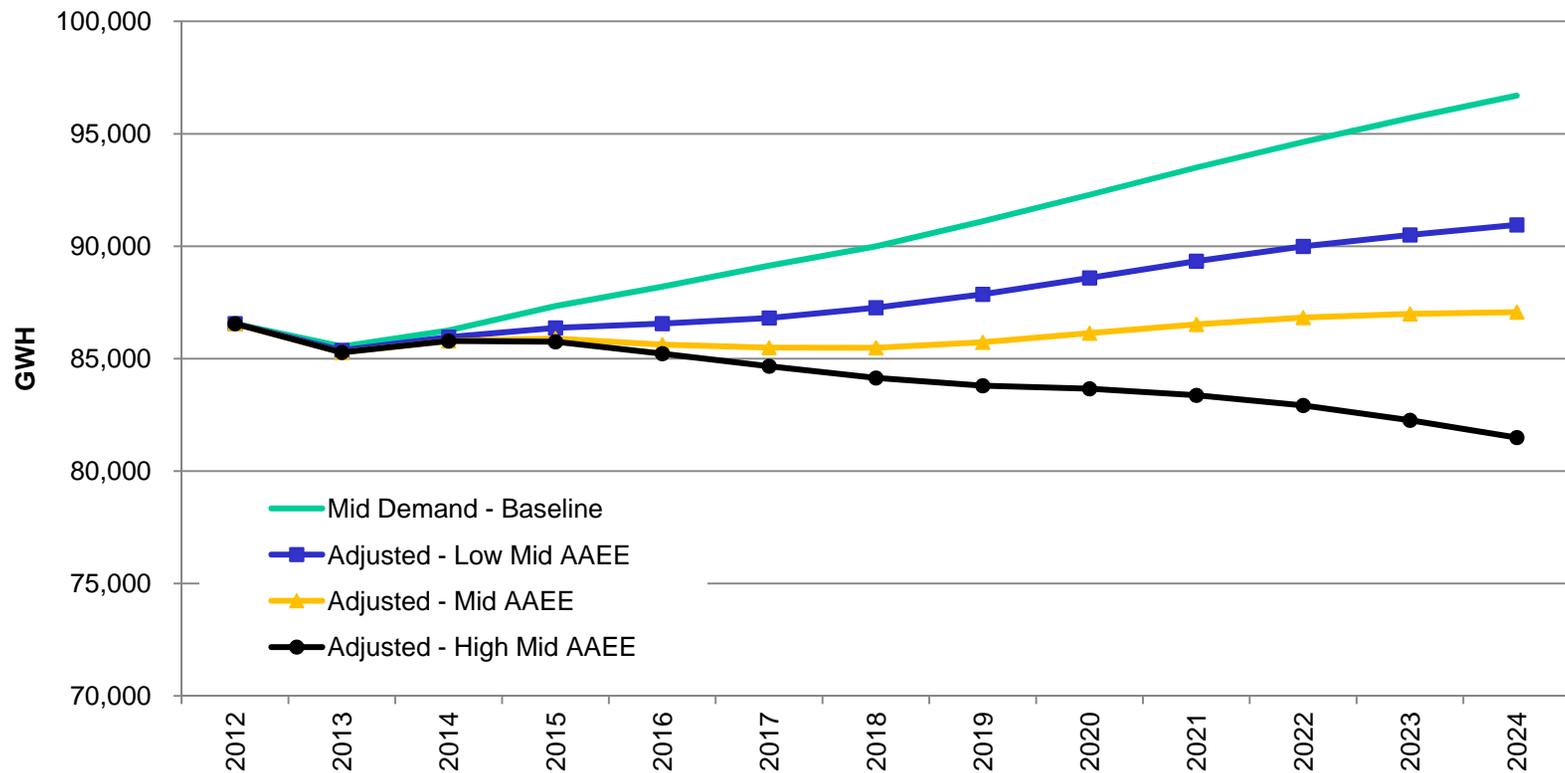
Potential climate change impacts contribute to faster peak growth in Climate Zone 7





# Adjusted Service Territory Sales

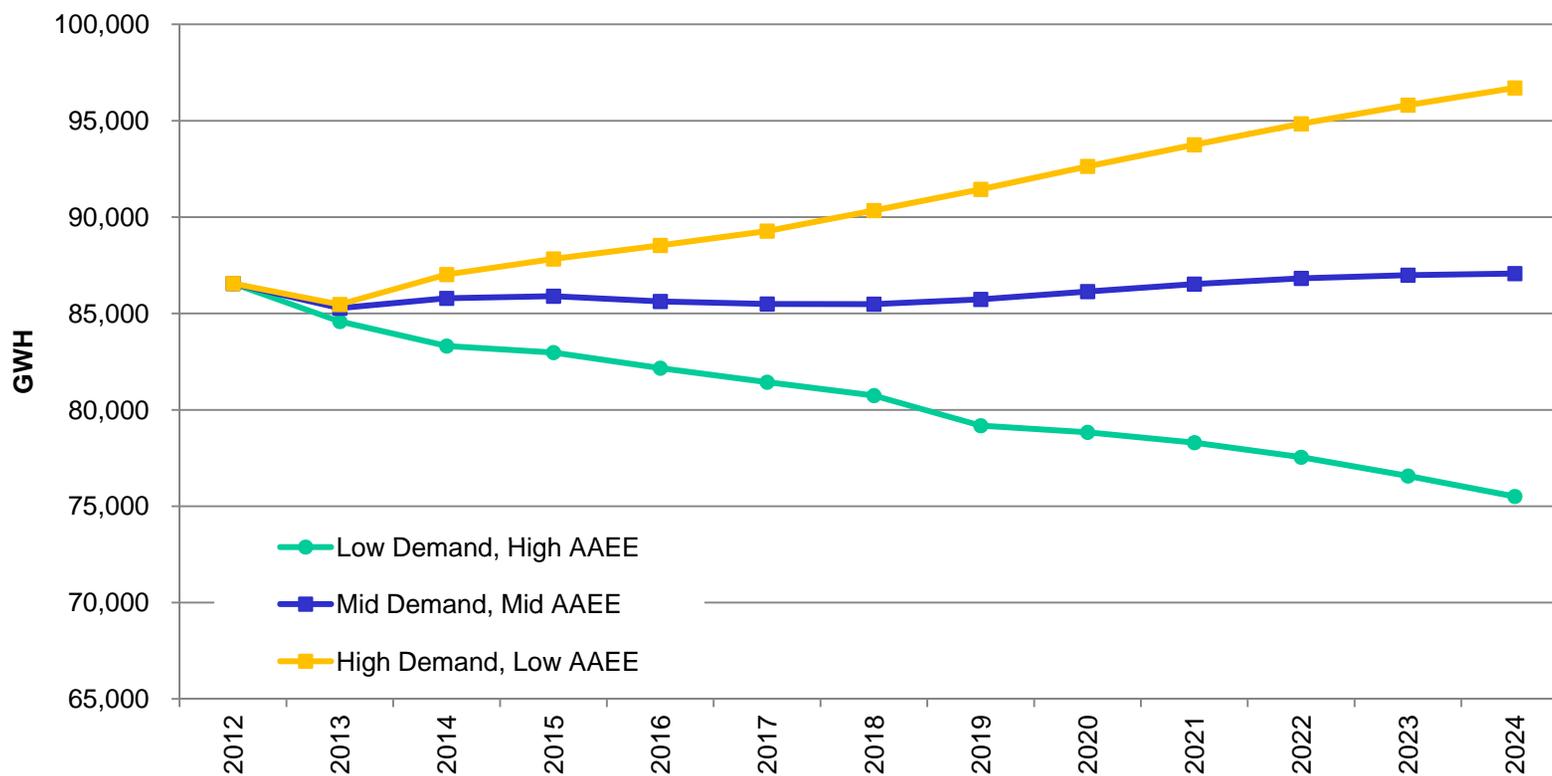
Mid baseline demand adjusted by three mid AAEE scenarios





# Adjusted Service Territory Sales

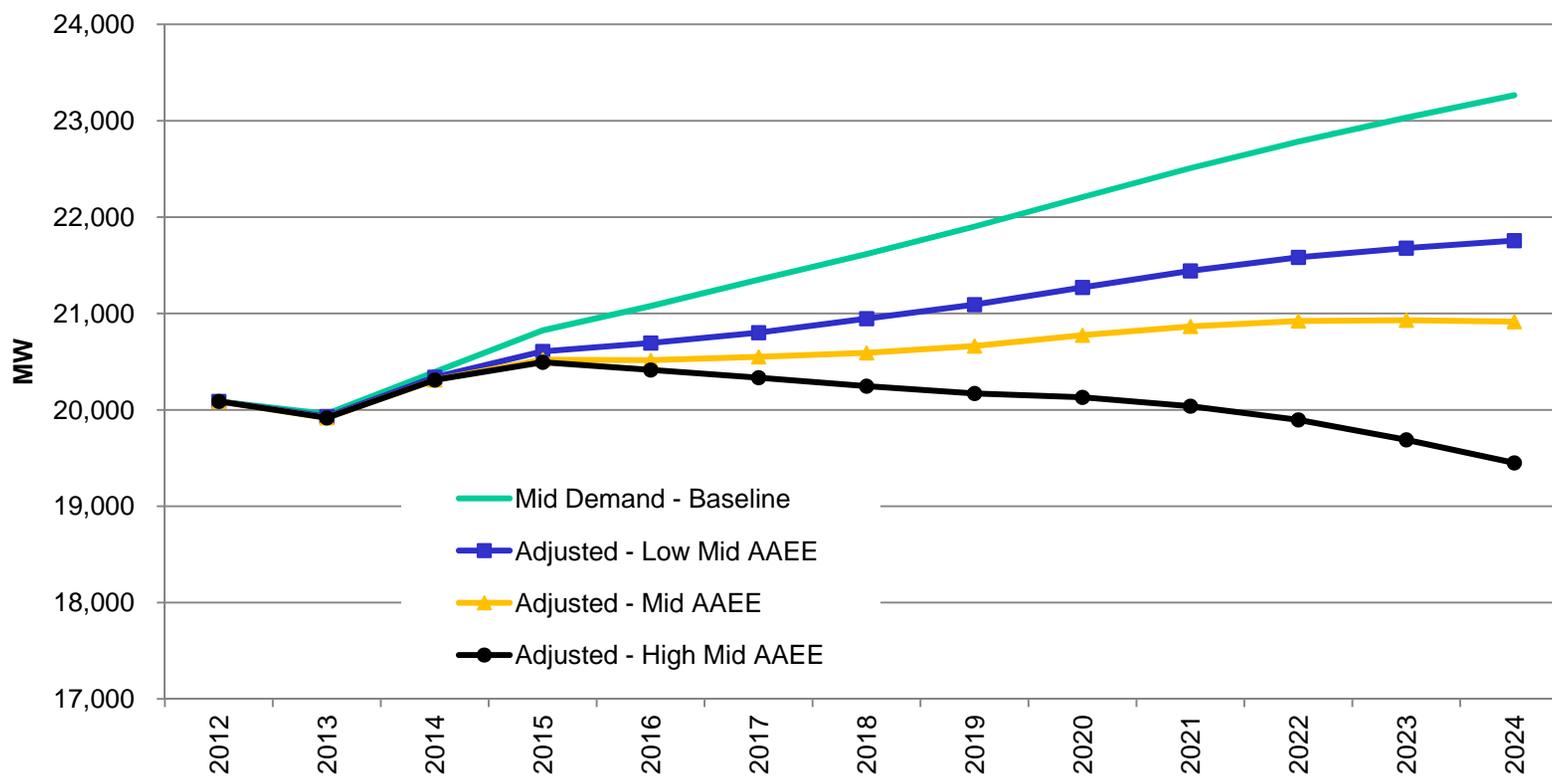
High baseline demand adjusted by low AAEE,  
Low baseline adjusted by high AAEE





# Adjusted Service Territory Peak

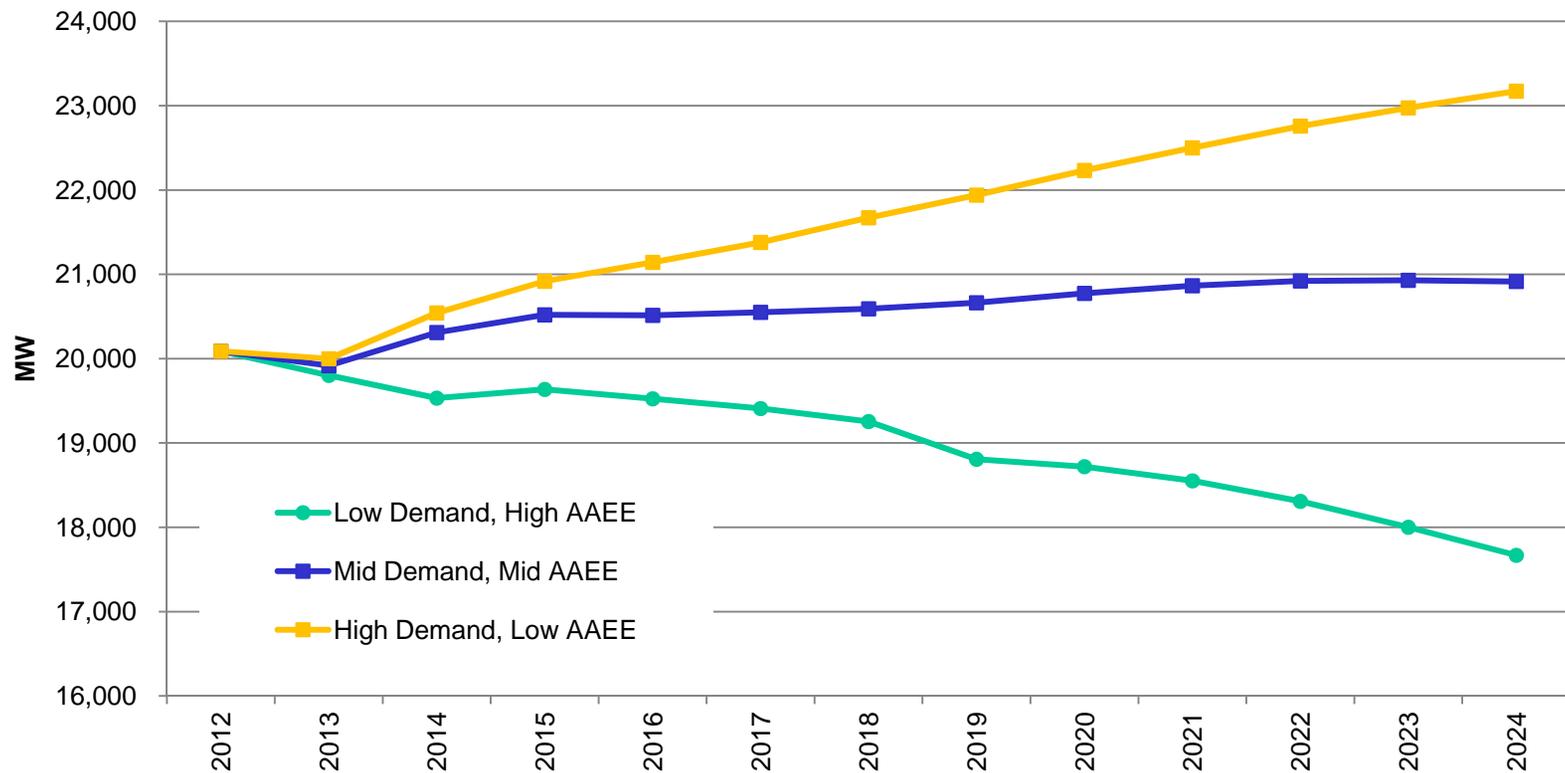
Mid baseline peak demand adjusted by three mid AEE scenarios





# Adjusted Service Territory Peak

High baseline peak demand adjusted by low AAEE,  
Low baseline adjusted by high AAEE





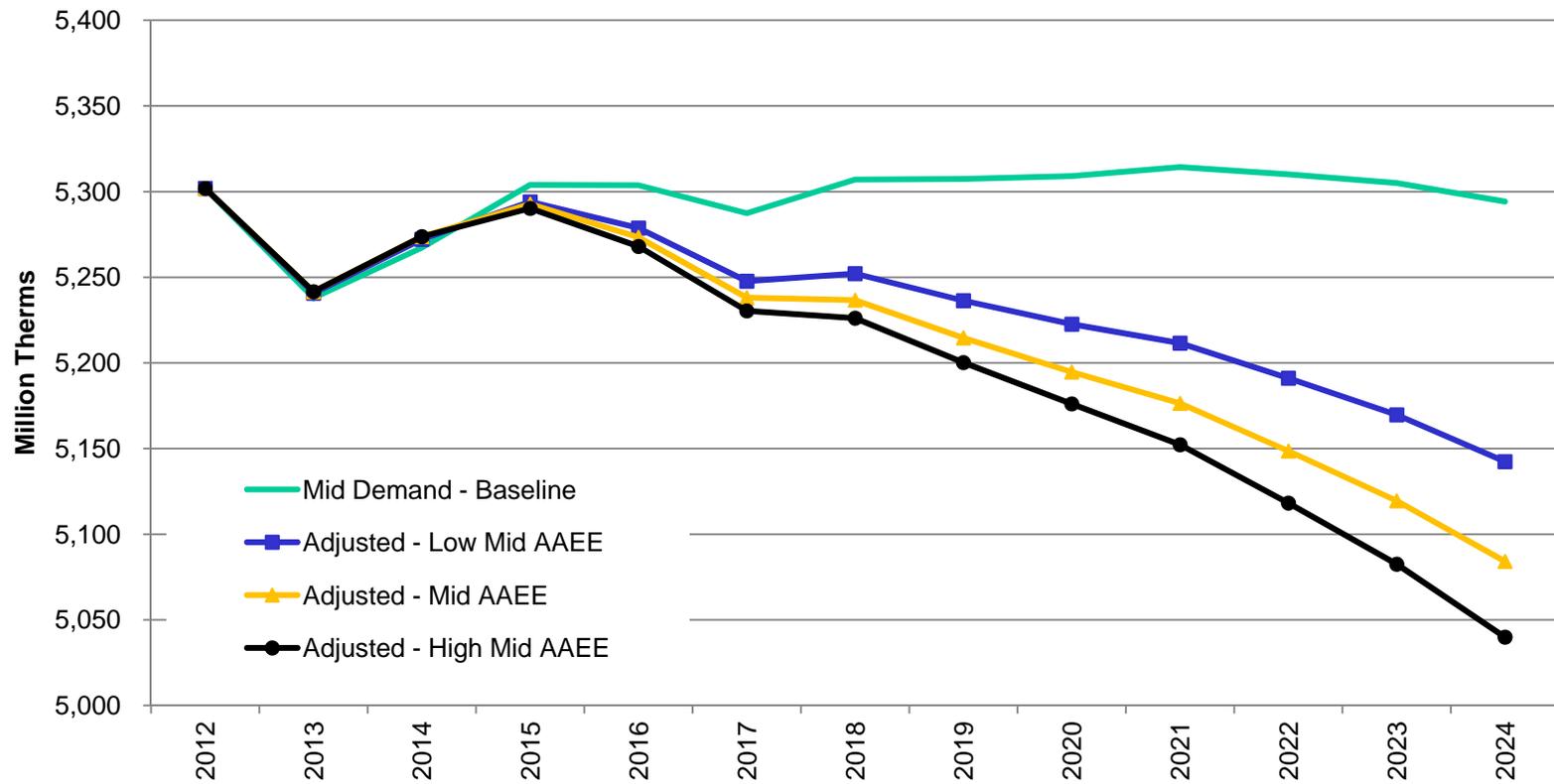
## California Energy Commission

# Southern California Gas



# Adjusted Service Territory Sales

Mid baseline demand adjusted by three mid AAEE scenarios





## California Energy Commission

# Adjusted Service Territory Sales

High baseline demand adjusted by low AAEE,  
Low baseline adjusted by high AAEE

