

DOCKETED	
Docket Number:	18-IEPR-04
Project Title:	Energy Demand Forecast Update
TN #:	226030
Document Title:	CEDU 2018 STATEWIDE RESULTS
Description:	Presentation by Cary Garcia, Energy Commission
Filer:	Raquel Kravitz
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	12/6/2018 7:51:46 AM
Docketed Date:	12/6/2018

California Energy Demand Update 2018

2018 Integrated Energy Policy Report Update
December 6, 2018



Cary Garcia

Energy Assessments Division
California Energy Commission



CEDU 2018

STATEWIDE RESULTS



Comparison to CED 2017

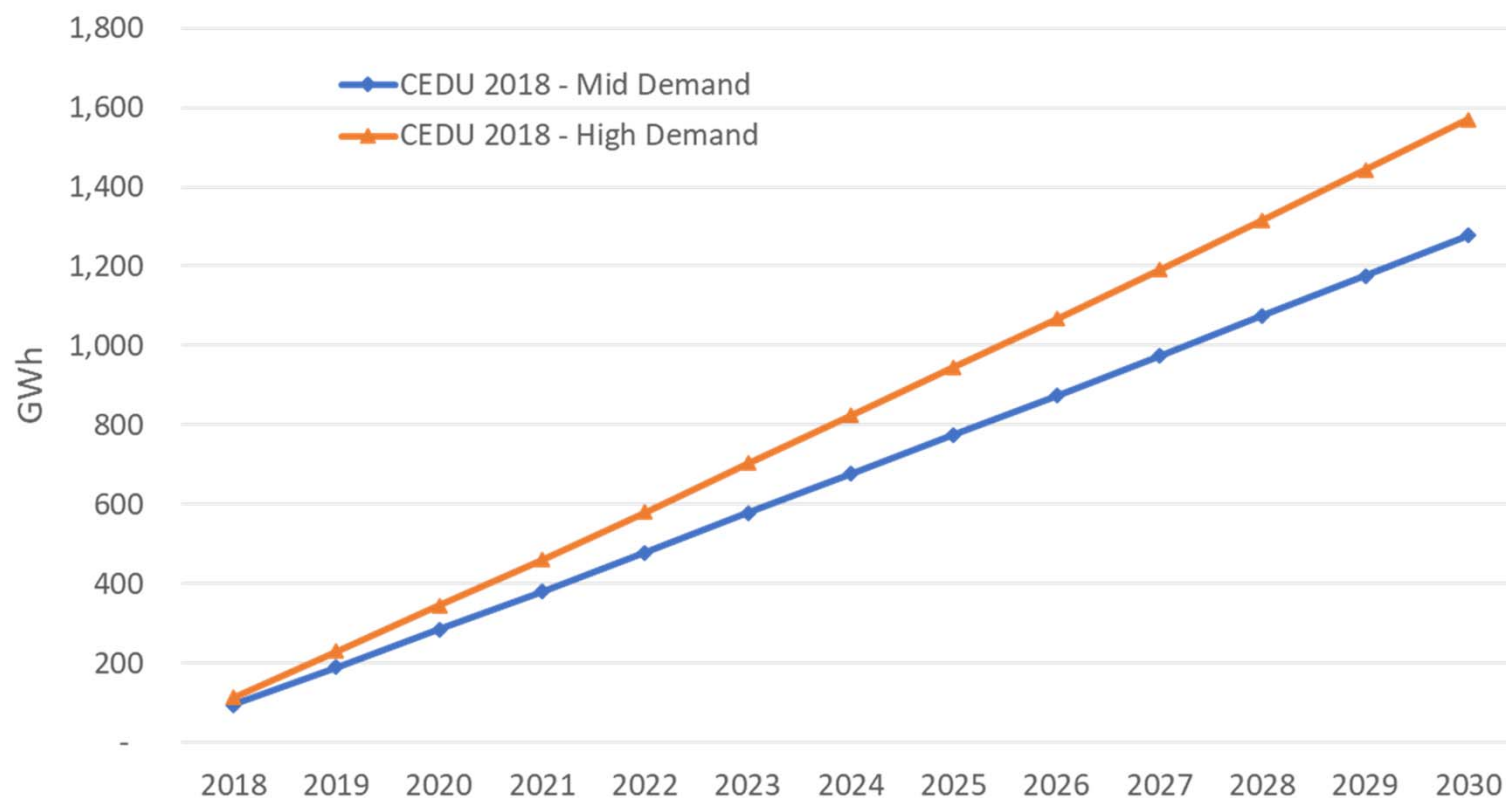
Results

- Decreases in **Commercial** and **Ag** sector consumption
- **Residential** and **Resource Extraction/Mining** sectors see increased growth in most planning areas



Climate Change Impacts: Consumption

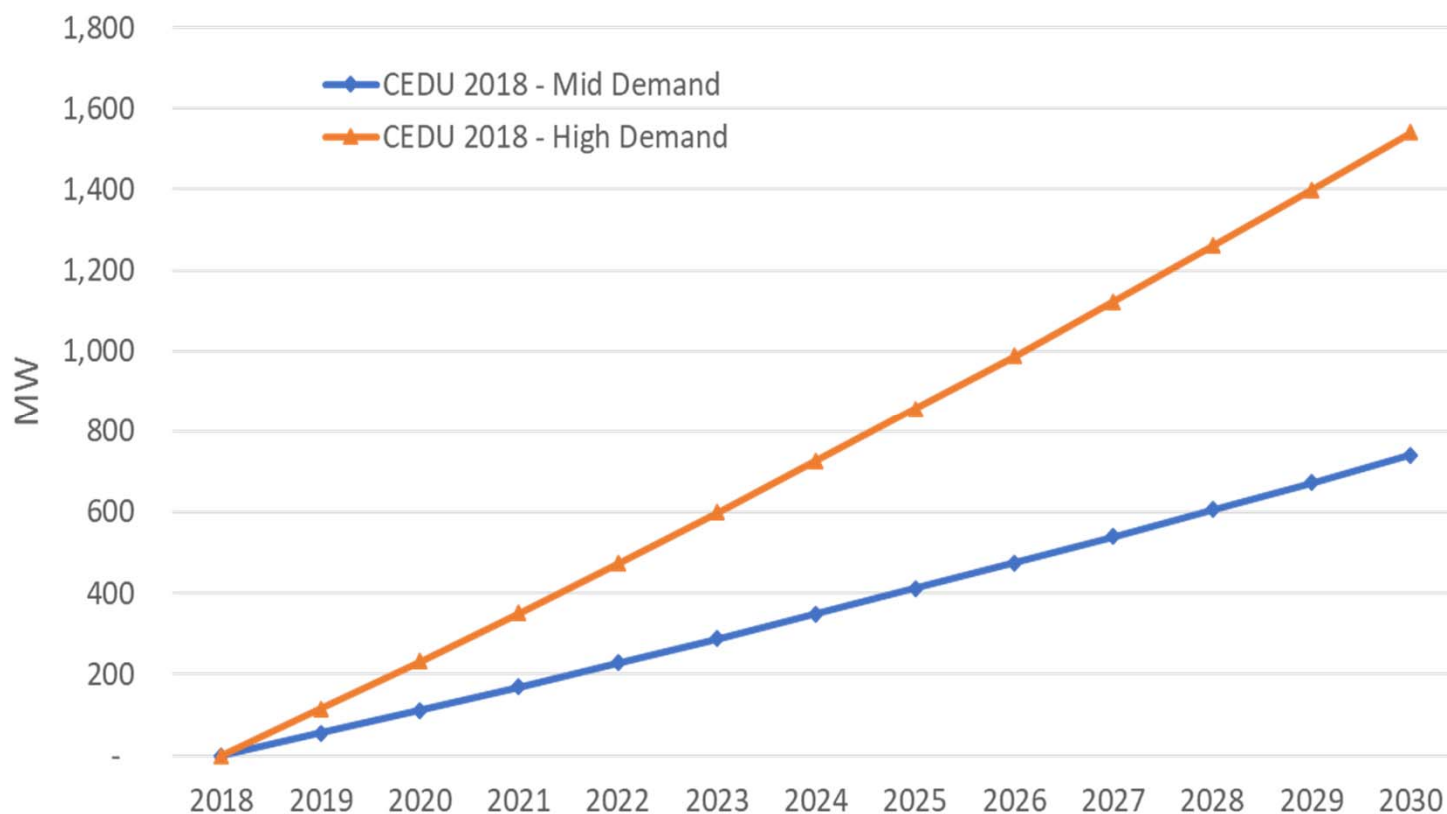
Consumption impacts reach about 1,280 GWh in the Mid Demand Case





Climate Change Impacts: Peak

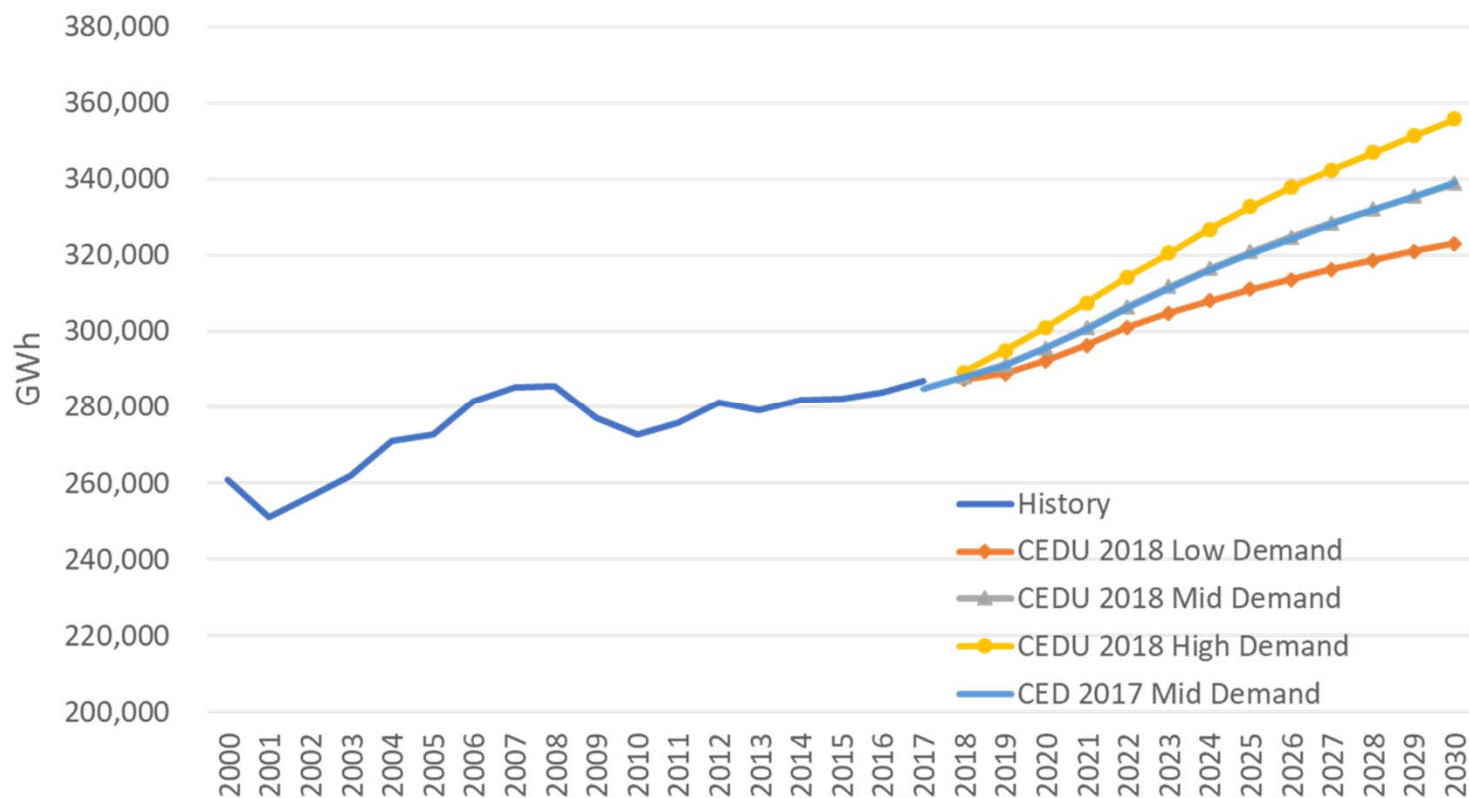
Peak impacts reach 740 MW in the Mid Demand case





Statewide Consumption

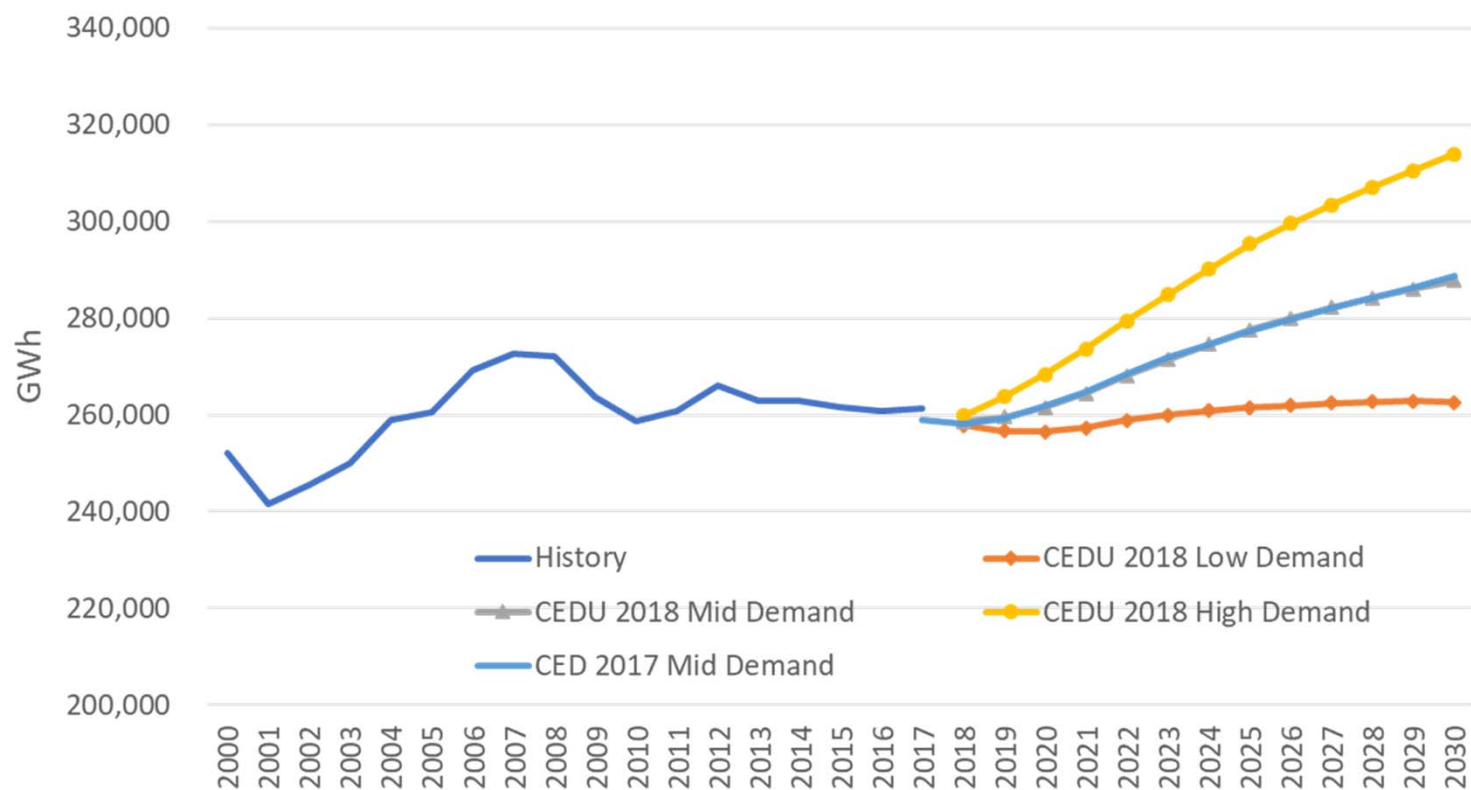
**Actual 2017 consumption higher than projected;
CED 2018 Mid case 0.11% lower than CED 2017**





Statewide Sales

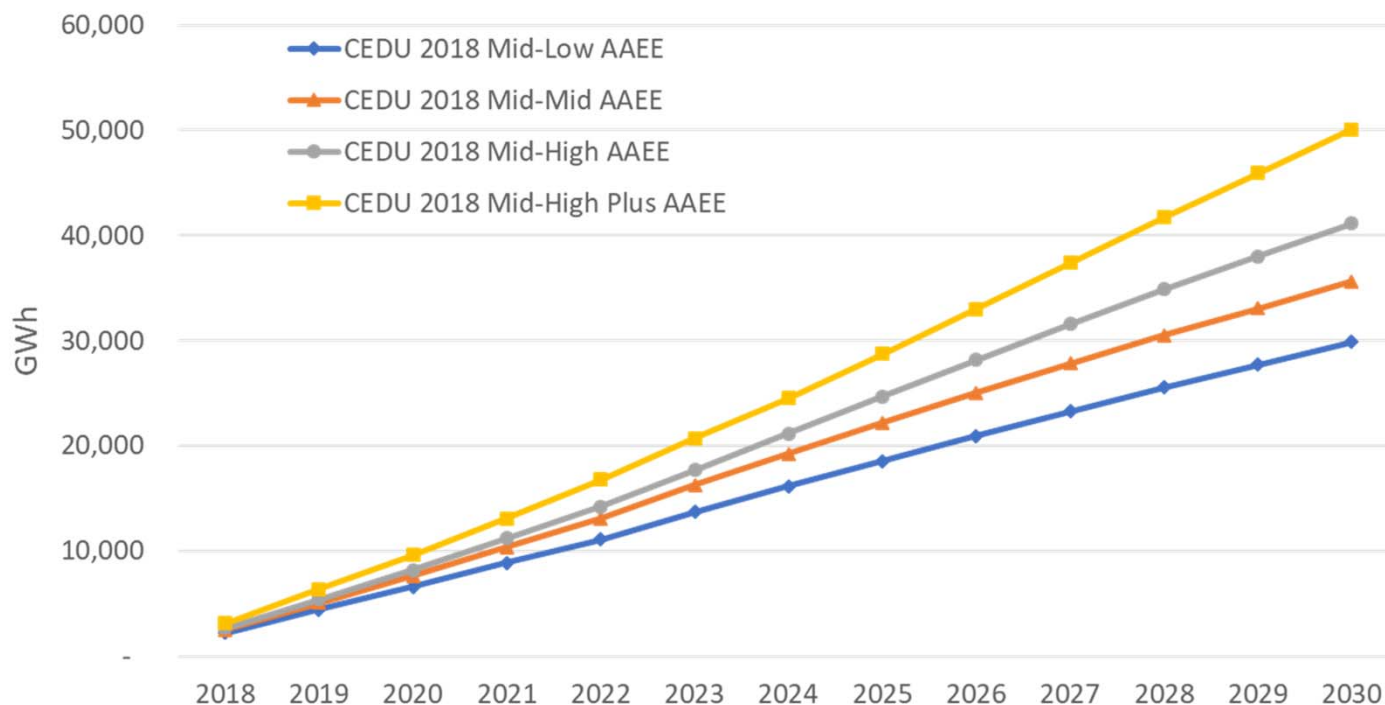
CED 2018 Mid case 0.32% lower than CED 2017





Statewide AAEE Savings

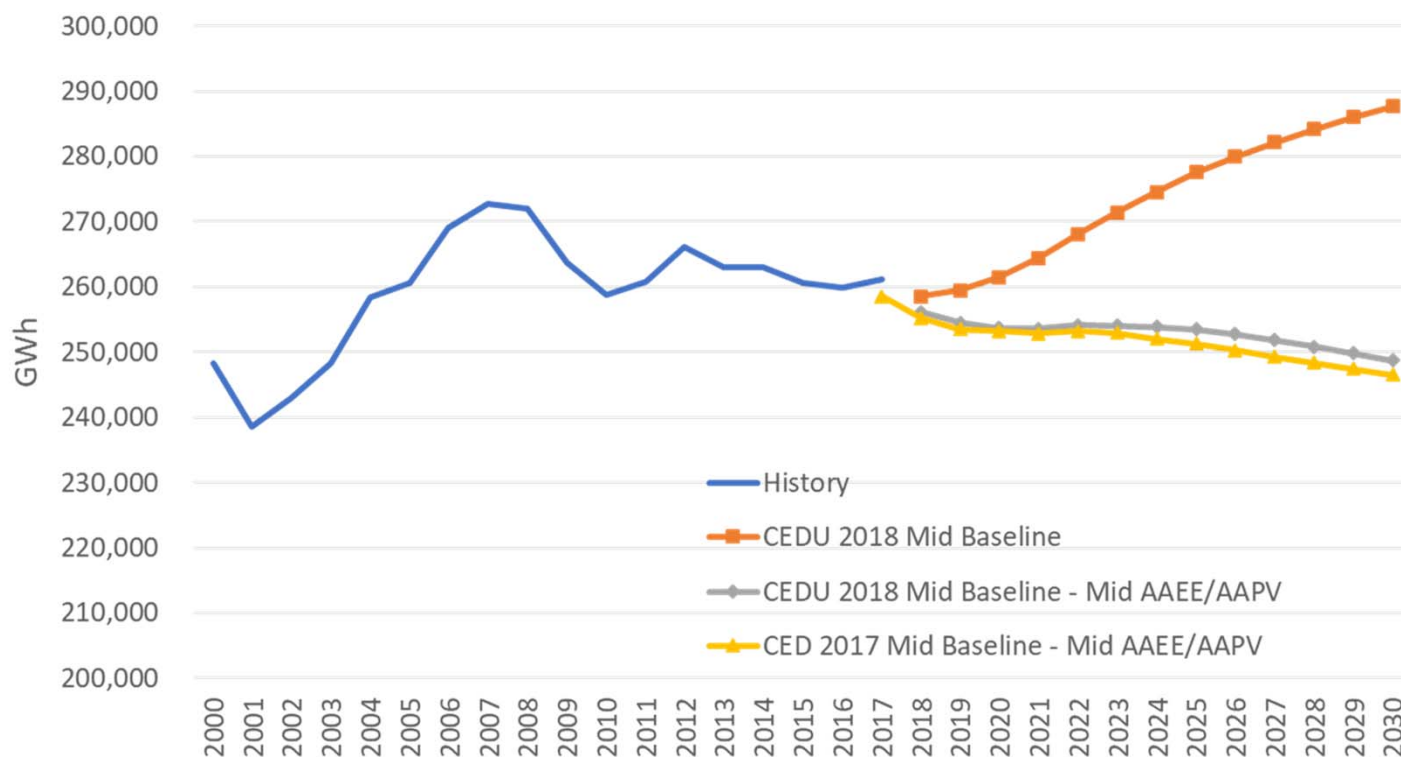
Scenarios unchanged from CED 2017. Mid-Mid scenario reaches 35,600 GWh electricity and 11,200 MW peak savings





Statewide Managed Sales

Mid Baseline paired with Mid AAEE and Mid AAPV is 0.87% higher than CED 2017 by 2030





Questions





Weather Normalization

2018 Process

- Some concern over year-to-year “bouncing”
- Tested several models to smooth WN results and presented results through DAWG

Determination:

- Applying consistent form and specification each year results in smoother estimated values
- CEC staff will continually evaluate model performance and vet any methodological adjustments with stakeholders

