

## DOCKETED

<b>Docket Number:</b>	16-IEPR-05
<b>Project Title:</b>	Electricity Demand Forecast
<b>TN #:</b>	215665
<b>Document Title:</b>	Resolution Adopting the California Energy Demand Updated Forecast, 2017-2027
<b>Description:</b>	Resolution adopting the California Energy Demand Updated Forecast, 2017-2027. The staff report presents updated baseline forecasts of electricity consumption and peak demand for California and for utility planning areas within the state as well as “managed” forecasts that incorporate additional achievable energy efficiency. The adopted forecast update will be used in a number of planning proceedings, including the California Independent System Operator’s transmission planning and the California Public Utilities Commission’s long-term procurement planning. Resolution No. 17-0125-6
<b>Filer:</b>	Cody Goldthrite
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	1/30/2017 12:45:30 PM
<b>Docketed Date:</b>	1/30/2017

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

*IN THE MATTER OF:*

***THE 2016 INTEGRATED ENERGY POLICY  
REPORT UPDATE***

**Docket No. 16-IEPR-05**

RESOLUTION OF THE ENERGY COMMISSION ADOPTING THE  
CALIFORNIA ENERGY DEMAND UPDATED FORECAST, 2017-2027

**WHEREAS**, Senate Bill 1389 (Stats. 2002, ch. 568) requires the Energy Commission in even-numbered years to "conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices" and to "use these assessments and forecasts to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety" (Public Resources Code § 25301(a)), and to update these assessments and forecasts in odd-numbered years (Public Resources Code § 25302, subd. (d)); and

**WHEREAS**, the Integrated Energy Policy Report (IEPR) contains these assessments and associated policy recommendations and is adopted every two years, with an IEPR Update being adopted each interim year;

**WHEREAS**, workshops were held on June 23, 2016 and December 8, 2016 and Demand Analysis Working Group Meetings were held on May 12, 2016 and November 3 and 18, 2016 to discuss the Energy Demand Forecast;

**WHEREAS**, the Draft Staff California Energy Demand Updated Forecast, 2017–2027 (CEDU 2016) report was published December 5, 2016.

**WHEREAS**, the CEDU 2016 describes updated 10-year forecasts for electricity in California and for major utility planning areas within the state and updates the forecasts provided in the California Energy Demand 2015 – 2025 Final Forecast (CED 2015) by

incorporating more recent economic and demographic projections and adjusting for the latest historical data available for consumption, peak demand, temperatures, and electricity rates;

**WHEREAS**, CEDU 2016 includes three updated baseline scenarios designed to capture a reasonable range of demand outcomes during the next 10 years;

**WHEREAS**, CEDU 2016 provides updates to additional achievable energy efficiency (AAEE) savings forecasts developed for the investor-owned utility service territories in the CED 2015 and used for planning purposes;

**WHEREAS**, CEDU 2016 also includes an analysis of potential effects of behind-the-meter photovoltaics on the peak demand and provides an adjustment to the baseline system peak demand for consideration by the California ISO in its transmission planning studies ; and

**WHEREAS**, CEDU 2016 also provides updates to the two managed forecasts developed for the investor-owned utility service territories in CED 2015 and used for planning purposes; and

**WHEREAS**, the Commission has considered all comments received at and in writing after the December 8, 2016 IEPR Commissioner Workshop on the CEDU 2016; and

**WHEREAS**, judicial review of this Resolution is governed by Public Resources Code, § 25901;

**THEREFORE BE IT RESOLVED**, the California Energy Commission hereby adopts the CEDU 2016 along with any changes identified at its January 25, 2017 Business Meeting, directs Commission staff to make the document available to the public and the Legislature, incorporating any non-substantive changes such as typographical corrections, and to incorporate the results of the CEDU 2016 into the 2016 Integrated Energy Policy Report Update.

### **CERTIFICATION**

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the California Energy Commission held on January 25, 2017.

AYE: Weisenmiller, Douglas, McAllister, Hochschild, Scott

NAY: None

ABSENT: None

ABSTAIN: None

Original Signed by

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Cody Goldthrite  
Secretariat