

DOCKETED	
Docket Number:	18-IEPR-04
Project Title:	Energy Demand Forecast Update
TN #:	226343
Document Title:	Notice of Availability California Energy Demand Updated Forecast 2018-2030
Description:	On December 6, 2018, the California Energy Commission conducted a workshop to present and discuss the California Energy Demand Updated 2018-2030 Forecast (CEDU 2018). CEDU 2018 provides updated 10-year forecasts for electricity demand in California and for major utility planning areas within the state.
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Submission Date:	1/18/2019 1:45:40 PM
Docketed Date:	1/18/2019

CALIFORNIA ENERGY COMMISSION

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In the matter of,

*2018 Integrated Energy Policy Report Update
(2018 IEPR Update)*

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Docket No. 18-IEPR-04

NOTICE OF AVAILABILITY

RE: *Energy Demand Forecast Update*

Notice of Availability California Energy Demand Updated Forecast 2018-2030

On December 6, 2018, the California Energy Commission conducted a workshop to present and discuss the California Energy Demand Updated 2018-2030 Forecast (CEDU 2018). CEDU 2018 provides updated 10-year forecasts for electricity demand in California and for major utility planning areas within the state. CEDU 2018 updates earlier forecasts provided in the California Energy Demand 2018-2030 Forecast (CED 2017) by incorporating more recent economic and demographic projections, more recent projections of electric vehicle and behind-the-meter photovoltaic system adoption and adjusting for the latest historical data available for consumption, peak demand, temperatures, and electricity rates.

Following the workshop, Energy Commission staff, in response to stakeholder comments, made further revisions to CEDU 2018 forecasts for the Sacramento Municipal Utility District and consequently for the Northern California Non-California Independent System Operator (ISO) planning areas. Energy Commission staff also identified and corrected a minor error in the calculation of line losses which affected CEDU 2018 forecasts of energy needed to serve load for the Pacific Gas & Electric and Southern California Edison planning areas and minor calculation errors in hourly demand forecasts for Pacific Gas & Electric, Southern California Edison, San Diego Gas & Electric, and Valley Electric Association transmission access charge areas. Energy Commission staff corrected CEDU 2018 statewide and California ISO territory forecasts accordingly.

The following documents comprise the CEDU 2018 and were adopted at the January 9, 2019, Energy Commission Business Meeting.

High Baseline Demand

FINAL CEDU 2018 Baseline Statewide High Demand Case TN-226265
FINAL CEDU 2018 Baseline PGE High Demand Case TN-226256
FINAL CEDU 2018 Baseline SCE High Demand Case TN-226259
FINAL CEDU 2018 Baseline SDGE High Demand Case TN-226263
CORRECTED CEDU 2018 Baseline NCNC High Demand Case TN-226241
CORRECTED CEDU 2018 Baseline SMUD High Demand Case TN-226240
CEDU 2018 Baseline LADWP High Demand Case TN-226101
CEDU 2018 Baseline BUGL High Demand Case TN-226098
CEDU 2018 Baseline IID High Demand Case TN-226102

Mid Baseline Demand

FINAL CEDU 2018 Baseline Statewide Mid Demand Case TN-226267
FINAL CEDU 2018 Baseline PGE Mid Demand Case TN-226258
FINAL CEDU 2018 Baseline SCE Mid Demand Case TN-226262
FINAL CEDU 2018 Baseline SDGE Mid Demand Case TN-226260
CORRECTED CEDU 2018 Baseline NCNC Mid Demand Case TN-226239
CORRECTED CEDU 2018 Baseline SMUD Mid Demand Case TN-226234
CEDU 2018 Baseline LADWP Mid Demand Case TN-226115
CEDU 2018 Baseline BUGL Mid Demand Case TN-226117
CEDU 2018 Baseline IID Mid Demand Case TN-226116

Low Baseline Demand

FINAL CEDU 2018 Baseline Statewide Low Demand Case TN-226266
FINAL CEDU 2018 Baseline PGE Low Demand Case TN-226257
FINAL CEDU 2018 Baseline SCE Low Demand Case TN-226264
FINAL CEDU 2018 Baseline SDGE Low Demand Case TN- 226261
CORRECTED CEDU 2018 Baseline NCNC Low Demand Case TN-226238
CORRECTED CEDU 2018 Baseline SMUD Low Demand Case TN-226233
CEDU 2018 Baseline LADWP Low Demand Case TN-226106
CEDU 2018 Baseline BUGL Low Demand Case TN-226108
CEDU 2018 Baseline IID Low Demand Case TN-226107

Hourly Demand

Corrected CEDU 2018 1 in 2 Peak Loads by Month and CAISO TAC TN-226244
Corrected CAISO Hourly Results CEDU 2018 2018-2022 TN-226243
Corrected CAISO Hourly Results CEDU 2018 2023-2026 TN-226246
Corrected CAISO Hourly Results CEDU 2018 2027-2030 TN-226245
Corrected PGE Hourly Results - CEDU 2018 - 2018-2022 TN-226252
Corrected PGE Hourly Results - CEDU 2018 - 2023-2026 TN-226251
Corrected PGE Hourly Results - CEDU 2018 - 2027-2030 TN-226250

Corrected SCE Hourly Results - CEDU 2018 - 2018-2022 TN-226248
Corrected SCE Hourly Results - CEDU 2018 - 2023-2026 TN-226247
Corrected SCE Hourly Results - CEDU 2018 - 2027-2030 TN-226253
Corrected SDGE Hourly Results - CEDU 2018 - 2018-2024 TN-226254
Corrected SDGE Hourly Results - CEDU 2018 - 2025-2030 TN-226255
Corrected VEA Hourly Results - CEDU 2018 TN-226249

These documents are available on the Energy Commission's website at https://www.energy.ca.gov/2018_energypolicy/documents/index.html. Look under the *California Energy Demand Updated Forecast, 2018-2030* heading to find Baseline folders for the High Demand Case, Mid Demand Case, Low Demand Case, and Hourly Demand.

Media inquiries should be sent to the Media and Public Communications Office by email at MediaOffice@energy.ca.gov or (916) 654-4989.

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