

DOCKETED	
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Project Title:	Electricity and Natural Gas Demand Forecast
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FORM 3.2

Southern California Edison

EFFICIENCY - CUMULATIVE INCREMENTAL IMPACTS

Sector	Program		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Residential	MW		61	84	115	144	172	203	235	272	312	352	393	437	482	528
	GWh		287	391	518	643	766	901	1,049	1,230	1,419	1,612	1,812	2,019	2,233	2,448
	Therms															
Commercial	MW		27	67	109	153	205	260	321	387	457	530	606	684	762	841
	GWh		161	341	530	731	963	1,209	1,477	1,767	2,076	2,399	2,737	3,086	3,442	3,802
	Therms															
Industrial	MW		2	16	29	43	57	69	80	90	99	107	115	123	131	139
	GWh		18	114	207	298	385	461	527	586	637	685	731	774	817	861
	Therms															
Agriculture	MW		1	6	11	16	22	27	33	38	43	49	55	60	67	73
	GWh		4	33	66	100	136	172	207	240	274	306	338	370	403	437
	Therms															
Total	MW		91	173	264	356	456	559	669	787	911	1,038	1,169	1,304	1,442	1,582
	GWh		470	879	1,321	1,772	2,249	2,743	3,260	3,822	4,405	5,002	5,617	6,249	6,895	7,548

Notes:

2017 Reported EE Program Savings

- Net Savings
- EE Program Sectors (Residential, Commercial, Industrial, and Agriculture)

2018 EE Program Savings

- Final 2018 Savings will not be available until May 1, 2019 when SCE's issues its 2019 Energy Efficiency Program Annual Report
- Please see 2018-2030 EE Program Savings section below

2018-2030 Program Savings

- 2017/2018 EE Potential and Goals Study
 - This study provided the main source of input into CA IOU EE Program Goals (2018 - 2030)
 - CPUC EE Goal Decision 17-09-025, Page 37-38
- Net Savings
- Annual Incremental Savings transformed into Cumulative Savings
 - Consistent with annual incremental EE Program Goals

Electricity Demand Forecast Forms

California Energy Commission 2019 Integrated Energy Policy Report Docket Number 19-IEPR-03

The following spreadsheets are the California Energy Commission (Energy Commission) forms for collecting data and analyses relating to electricity demand. The Energy Commission's statutes and regulations specify that a broad array of information can be collected and analyzed to prepare the *Integrated Energy Policy Report*. Specifically, Public Resources Code (PRC) Section 25301 directs the Energy Commission to conduct regular assessments of all aspects of energy demand and supply to that it may develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety. To carry out these assessments the Energy Commission may require submission of data from market participants in California.

To carry out these assessments, PRC Section 25301[a], the Energy Commission may require submission of demand forecasts, resource plans, market assessments, related outlooks, individual customer historic electric or gas service usage, or both, and individual customer historic billing data, in a format and level of granularity specified by the commission from electric and natural gas utilities, transportation fuel and technology suppliers, and other market participants.

Who must file:

Data are requested from all LSEs whose annual peak demand in the last two consecutive years exceeded 200 MW. Statutes found in the PRC and supporting regulations give the Energy Commission authority to require forecast submittals from all entities engaged in generating, transmitting, or distributing electric power by any facilities. This includes utility distribution companies (UDCs), energy service providers (ESPs), community choice aggregators (CCAs) permitted to operate under Assembly Bill 117 (Migden, Chapter 838, Statutes of 2002), and all other entities that serve end-use loads, collectively referred to as LSEs. However, according to existing regulations, *small LSEs* need not comply with the complete reporting requirements but may be required to submit demand forecasts in an alternative abbreviated form established by the Energy Commission. For this specific IEPR proceeding, the Energy Commission is not requesting long-term forecast data using these forms from any LSE with peak demand less than 200 MW.

A small LSE is one that has experienced an annual peak demand of 200 megawatts or less in two consecutive calendar years preceding the required data filing date and is regulated by the CPUC or owned or operated by a public government entity.

Submittal Format:

Parties are requested to submit an electronic file containing data for Forms 1, 2, 3, 7 and 8 using this template, and reports on Forms 4 and 6 in .doc or .pdf.

For all filings, parties are required to use the Energy Commission's e-filing system. This requires LSEs to submit their demand data and narratives electronically by uploading files using an internet connection and a modern browser. A user's guide to the Energy Commission's e-filing system is posted at: <http://www.energy.ca.gov/e-filing/>.

After completing registration, log in and select the following proceeding from the dropdown menu: **19-IEPR-03 Electricity and Natural Gas Demand Forecast**.

When naming an attached file of 50 megabytes or less, please include the LSE's name in the filename. Attachments should be submitted as separate files and clearly identified. Cover letters that only identify documents that are part of the filing are unnecessary.

Confidentiality:

If you are requesting confidentiality for any part of the submittal, please see *Appendix A: Confidentiality Applications* in the *Forms and Instructions for Submitting Electricity Demand Forecasts* report.

More specific questions about confidentiality may be directed to Jared.Babula@energy.ca.gov or (916) 654-3843.

Due Dates:

Forms 1.1a (for 2017-2018) and Form 1.8: **Monday, February 11, 2019**

Forms 1 through 7 (all parts) and Form 8.2: **Monday, April 15, 2019**

Form 8.1a and 8.1b: **Monday, June 03, 2019**

Questions relating to the electricity demand forecast forms should be directed to Kelvin.Ke@energy.ca.gov or (916) 654-4502

Please Enter the Following Information:

Investor Owned Utility Name:

IOU Name

Date Submitted:

XX/XX/20XX

Contact Information:

First and Last Name, Title

Address

Telephone

Email

			IOU
Form 1.1a		#REF!	X
Form 1.1b		#REF!	X
Form 1.2		#REF!	X
Form 1.3		#REF!	X
Form 1.4		#REF!	X
Form 1.5		#REF!	X
Form 1.6a		#REF!	X
Form 1.6b		#REF!	X
Form 1.7a		#REF!	X
Form 1.7b		#REF!	X
Form 1.7c		#REF!	X
Form 1.8	MONTHLY PHOTOVOLTAIC INTERCONNECTION		X
Form 2.1		#REF!	X
Form 2.2		#REF!	X
Form 2.3		#REF!	X
Form 3.2	ENERGY EFFICIENCY - CUMULATIVE INCREMENTAL IMPACTS		X
Form 4	REPORT ON FORECAST METHODS AND MODELS		X
Form 6	UNCOMMITTED DEMAND-SIDE PROGRAM METHODOLOGY		X
Form 8.1a (IOU)	IOU REVENUE REQUIREMENTS BY MAJOR COST CATEGORIES/UNBUNDLED RATE COMPONENT		X
Form 8.1b (Bundled)	REVENUE REQUIREMENTS BY BUNDLED CUSTOMER CLASS		X
Form 8.1b (Direct Access)	REVENUE REQUIREMENTS FOR DIRECT ACCESS CUSTOMERS		X

FORM 4
IOU Name

Form 4 should be provided in a separate attachment in .doc or .pdf format.

FORM 6

IOU Name

Form 6 should be provided in a separate attachment in .doc or .pdf format.