

## DOCKETED

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<b>Project Title:</b>	Electricity and Natural Gas Demand Forecast
<b>TN #:</b>	217620
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May 16, 2017

California Energy Commission  
Docket Unit  
1516 Ninth Street  
Sacramento, CA 95814

**Re: Constellation NewEnergy, Inc.'s 2017 IEPR Demand Form 7.1 – Public Version (17-IEPR-03)**

Dear Docket Unit,

Constellation NewEnergy, Inc. (“CNE”) was granted confidentiality by letter dated May 3, 2017 for its 2017 IEPR submissions in dockets 17-IEPR-02 and 17-IEPR-03. That letter requested that CNE file a public version of the forms to the appropriate docket. Attached hereto please find the public, redacted version of CNE’s 2017 IEPR Electricity Demand Forecast Form 7.1.

Very truly yours,



Eric Janssen  
Paralegal to Andrew B. Brown  
Ellison Schneider Harris & Donlan LLP  
Attorneys for Constellation NewEnergy, Inc.

Attachment

## Electricity Demand Forecast Forms

### California Energy Commission 2017 Integrated Energy Policy Report Docket Number 17-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: **17-IEPR-03 Electricity, Natural Gas, and Transportation 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 Michelle.Chester@energy.ca.gov or (916) 654-4701 or to Jared.Babula@energy.ca.gov or (916) 654-3843.

#### Due Dates:

Forms 1.1a Retail Sales (2015-2016): **Monday, February 13, 2017**

Forms 1 through 7 (all parts) and Form 8.2: **Monday, April 17, 2017**

Form 8.1a and 8.1b: **Monday, June 05, 2017**

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:**

**Participant Name:** Constellation NewEnergy, Inc.  
**Date Submitted:**  
**Contact Information:** Edward MacKay  
 111 Market Place, Baltimore, MD 21202  
 410-470-3401  
[edward.j.mackay@constellation.com](mailto:edward.j.mackay@constellation.com)

		Entity to File Form			
		IOU	POU	CCA	ESP
Form 1.1a	RETAIL SALES OF ELECTRICITY BY CLASS OR SECTOR (GWh) Bundled & Direct Access	X	X		
Form 1.1b	RETAIL SALES OF ELECTRICITY BY CLASS OR SECTOR (GWh) Bundled Customers	X	X		
Form 1.2	DISTRIBUTION AREA NET ELECTRICITY FOR GENERATION LOAD (GWh)	X	X		
Form 1.3	LSE COINCIDENT PEAK DEMAND BY SECTOR (Bundled Customers)	X	X		
Form 1.4	DISTRIBUTION AREA COINCIDENT PEAK DEMAND	X	X		
Form 1.5	PEAK DEMAND WEATHER SCENARIOS	X	X		
Form 1.6a	RECORDED LSE HOURLY LOADS FOR 2015, 2016 and Forecast Loads for 2017	X	X		
Form 1.6b	HOURLY LOADS BY TRANSMISSION PLANNING SUBAREA OR CLIMATE ZONE (IOUS ONLY)	X	X		
Form 1.6c	RESIDENTIAL LOADSHAPES	X	X		
Form 1.6d	NON-RESIDENTIAL LOADSHAPES	X	X		
Form 1.7a	LOCAL PRIVATE SUPPLY BY SECTOR OR CLASS - ENERGY (GWh)	X	X		
Form 1.7b	LOCAL PRIVATE SUPPLY BY SECTOR OR CLASS - PEAK DEMAND (MW)	X	X		
Form 1.7c	LOCAL PRIVATE SUPPLY BY SECTOR OR CLASS - INSTALLED CAPACITY (MW)	X	X		
Form 1.8	PHOTOVOLTAIC INTERCONNECTION DATA	X	X		
Form 2.1	PLANNING AREA ECONOMIC AND DEMOGRAPHIC ASSUMPTIONS	X	X		
Form 2.2	ELECTRICITY RATE FORECAST	X	X		
Form 2.3	CUSTOMER COUNT & OTHER FORECASTING INPUTS	X	X		
Form 3.2	ENERGY EFFICIENCY - CUMULATIVE INCREMENTAL IMPACTS	X	X		
Form 3.3	DISTRIBUTED GENERATION - CUMULATIVE INCREMENTAL IMPACTS	X	X		
Form 3.4	DEMAND RESPONSE - CUMULATIVE INCREMENTAL IMPACTS	X	X		
Form 4	REPORT ON FORECAST METHODS AND MODELS	X	X	X	
Form 6	UNCOMMITTED DEMAND-SIDE PROGRAM METHODOLOGY	X	X		
Form 7.1	ESP DEMAND FORECAST				X
Form 7.2	CCA DEMAND FORECAST			X	
Form 8.1a (IOU)	IOU REVENUE REQUIREMENTS BY MAJOR COST CATEGORIES/UNBUNDLED RATE COMPONENT	X			
Form 8.1a (POU/CCA)	BUDGET APPROPRIATIONS OR ACTUAL COSTS AND COST PROJECTIONS BY MAJOR EXPENSE CATEGORY		X	X	
Form 8.1a(ESP)	ESTIMATED POWER SUPPLY COST				X
Form 8.1b (Bundled)	REVENUE REQUIREMENTS BY BUNDLED CUSTOMER CLASS	X	X		
Form 8.1b (Direct Access)	REVENUE REQUIREMENTS FOR DIRECT ACCESS CUSTOMERS	X	X		
Form 8.2	MONTHLY RESIDENTIAL SALES BY PERCENTAGE OF BASELINE	X	X		

**FORM 7.1**

**Constellation NewEnergy, Inc.**  
**PUBLIC VERSION**

**ESP Report of Loads and Resources under Contract**

PG&E				
YEAR	Retail Sales (mWh)	Peak Demand (MW)	Customer Counts	
			Residential	Nonresidential
2013	2,711,498	465		203
2014	2,546,101	466		189
2015	2,426,800	350		179
2016				
2017				
2018				
2019				
2020				
2021	47,955	14		6
2022	33,074	6		4
2023				
2024				
2025				
2026				
2027				
2028				

SCE				
YEAR	Retail Sales (mWh)	Peak Demand (MW)	Customer Counts	
			Residential	Nonresidential
2013	2,694,269	454		214
2014	2,864,000	488		212
2015	2,959,185	411		204
2016				
2017				
2018				
2019				
2020				
2021	99,580	22		3
2022	15,428	3		2
2023				
2024				
2025				
2026				
2027				
2028				

SDG&E				
YEAR	Retail Sales (mWh)	Peak Demand (MW)	Customer Counts	
			Residential	Nonresidential
2013	366,886	74		79
2014	374,796	82		77
2015	354,457	57		69
2016				
2017				
2018				
2019				
2020				
2021	0	0		2
2022	0	0		0
2023				
2024				
2025				
2026				
2027				
2028				

CNE was previously granted its request for a three year confidentiality period in its 2015 IEPR Demand Forecast submission. As such, 2014-2018 information continues to be confidential through December 31, 2017. For 2016 through 2020 data, CNE seeks confidential treatment through December 31, 2019. Please see accompanying Repeated Confidentiality Application.

Yellow highlighted cells above are marked confidential. See accompanying Repeated Application for Confidential Designation.