DOCKETED	
Docket Number:	19-IEPR-03
Project Title:	Electricity and Natural Gas Demand Forecast
TN #:	228494
Document Title:	Constellation NewEnergy Inc.'s Form 8.1a - PUBLIC VERSION
Description:	N/A
Filer:	Eric Janssen
Organization:	Ellison Schneider Harris & Donlan LLP
Submitter Role:	Applicant Representative
Submission Date:	6/3/2019 3:49:37 PM
Docketed Date:	6/3/2019

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 statues 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:

Energy Service Provide	Constellation NewEnergy, Inc.
Date Submitted:	3-Jun-19
Contact Information:	Edward MacKay 1310 Point Street, 8th Floor, Baltimore, MD 21231 410-470-3401 edward.j.mackay@constellation.com

		ESP
Form 7.1	ESP DEMAND FORECAST	X
Form 8.1a(ESP)	ESTIMATED POWER SUPPLY COST	X

Form 8.1a (ESP)

Constellation NewEnergy, Inc.

Estimated Power-Supply Costs
(report in nominal dollars, thousands)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Bilateral Contracts	50,997	[redacted]					76,986							
Residual Market Transactions	169,498	[redacted]					272,950							
TOTAL ESTIMATED POWER-SUPPLY COSTS	220,495	[redacted]					349,936	-	-	-	-	-	-	-

Methodology. At the request of Energy Commission staff, Constellation NewEnergy, Inc. ("CNE") submits the following description of its forecasting methodology. CNE's load is fully contestable. That is, customers sign short term contracts, typically less than 5 years and as short as several months, and at the end of those contracts those customers may choose to either continue with CNE, move to another electric service provider ("ESP"), return to utility bundled service, or seek services at some other entity (for example, a CCA if such exists in the customer's area). There is presently also a cap on how much load ESPs may serve. Accordingly, CNE's forecasting methodology uses a proprietary regression model including inputs such as weather and historic usage. CNE's forecasts are built with an assumption of contract renewals based on historical retention rates as well as an assumption for new business acquired, but typically these forecasts go out only five years due to increasing variability in factors affecting customer load and retention.