

## DOCKETED

<b>Docket Number:</b>	16-OIR-03
<b>Project Title:</b>	Energy Data Collection
<b>TN #:</b>	214500
<b>Document Title:</b>	Nov 16 Workshop Presentation-- Proposed Title 20 Data Collection Regulatory Changes
<b>Description:</b>	Nov 16 workshop presentation by Malachi Weng-Gutierrez providing an overview of proposed changes to the Data Collection chapter of California Code of Regulations, Title 20
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<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Energy Commission
<b>Submission Date:</b>	11/16/2016 9:14:35 AM
<b>Docketed Date:</b>	11/16/2016

# Overview of Proposed Regulatory Changes

Title 20 Data Collection Regulations to Support Increased Analytical Needs

Energy Commission, Rosenfeld Room

November 16, 2016

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# Data Collection Workshop Overview

1. Provide background and overview of data collection activities
2. Review analytical data needs
3. Highlight and summarize language changes
4. Public Comment
5. Lunch
6. Specific topic discussion
7. Next regulatory steps
8. Public Comment



# Overview History

- Data collection Rulemaking was last significantly updated around 2001
- Minor updates occurred in 2008
- Data collection rulemaking set up current data collection activities including Quarterly Fuel and Energy Reporting, end-use energy surveys, and confidentiality procedures
- Recent legislation and analytical needs are driving the current proposed regulatory changes



# Background

- An Order Instituting Rulemaking was adopted in January 2016 and included updating the Title 20 Data Collection regulations
- Energy Commission staff from several divisions met to scope the proposed changes
- Early regulatory language was drafted and presented at a September 26 staff workshop
- Received verbal and written comments from workshop attendees
- In response to comments regarding stakeholder engagement, staff set up topic specific discussions
- Revised draft language and released for comment



# Pre-Rulemaking Workshop

- Wide range of data collection regulatory changes are proposed in the draft language
- This workshop is another opportunity for feedback on proposed draft regulatory language
- Staff will continue to have topic specific meetings and discussions
- Comments and suggestions which specifically provide revised language changes would be appreciated
- Additional focused comments on areas of concerns that explicitly identify regulatory language would also be helpful



# Proposed Language for Discussion

Draft language is placed in four categories:

1. Administrative and Deletions
2. Generation regulations
3. Forecasting regulations
4. Security and Data Disclosure



# Summary of Changes



# New Definitions

- New terms primarily reflect new regulatory language and changes to clarify existing definitions
- All language was entered at the bottom of the definitions for conversation purposes and will be incorporated into the section in alphabetical order consistent with the general form of the section
- In many situations the definitions are consistent with the terms used in other statutes or regulations
- Would welcome revisions to the terms that better reflect the needs and understanding within the context of Title 20 Chapter 3 Data Collection regulations



# Article 6

- This entire section deals with renewable energy and with monitoring the amount of renewable generation in the state under this program
- Since the cap for the program was reached we are going to look to CPUC to get confirmation that we no longer need to collect this data
- We propose deleting this section to reflect the likely outcome that we no longer need this data and would welcome any comment on an alternative interpretation



# Generation

- Power Plant Reporting, Section 1304
- Quarterly Gas Utility and Electric Generator Tolling Agreement Reports, Section 1308
- Wind Performance Reporting, Sections 1383, 1384, and 1386



# Forecasting

- LSE and UDC Reports and Customer Classification Reports, Section 1306
- Gas Utility and Gas Retailer Reports and Customer Classification Reports, Section 1307
- Energy End User Data, Section 1343
- Load Metering Reports, Section 1344
- Compliance Language, Section 1353



# Security and Confidentiality

- Designation of Confidential records, Section 2505



# Public Comment Period



# Lunch Break



# Topics for In-depth Discussion



# Behind-the-Meter Load Modifiers Including Electric Vehicle (EV) Charging

- a. Do revisions address concerns raised in stakeholder meetings? Are there any remaining concerns?
- b. What existing methods are used by utilities to characterize behind-the-meter load shapes?
- c. How are components' net load shapes differentiated?
- d. What activities, programs, or cooperative relationships are being initiated to characterize behind-the-meter loads?



# Networked Public Charging Stations

- a. Do revisions address concerns raised in stakeholder meetings?
- b. Are there any remaining concerns?
- c. What data standards are used to transfer data across networks to third party providers? Open Charge Point Protocols (OCPP)?
- d. What concerns exist around limiting data access to maintain market competitiveness, and what are some recommendations about how the Energy Commission should advance infrastructure installation?
- e. What amount of data is produced everyday by a single EVSE with one charging cord? By a whole network?



# Load Research Reporting: Thresholds

- a. Are there any concerns?
- b. What methods are appropriate to characterize and project system, distribution, and end-use load shapes for publicly owned utilities?
- c. How are system, transmission, and distribution losses estimated?
- d. What existing data from small publicly owned utilities can be used to estimate load shapes identified in Section 1344(a) through (e)?



# Load Research Reporting: Interval Meter

- a. Are there any concerns?
- b. What security practices are implemented to maintain data security during storage and transfer of data between customers, utilities, and third parties?
- c. Please describe the implementation of greenbutton data across the different utilities? How long are data retained?
- d. What load time intervals are collected by the utilities and how are the data being used to improve the performance of the electricity grid?



# Natural Gas Distribution

- a. Are there any concerns?
- b. What data are collected and sampled to ensure gas injected into the natural gas distribution system meets specifications?
- c. How are natural gas pressures and losses monitored across the distribution network?
- d. What are current best practices for leak identification?



# Public Comment Period

