

DOCKETED

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Proposed Changes to Publicly Owned Utility Integrated Resource Plans (Senate Bill 338)



**Paul Deaver, Supply Analysis Office
May 8, 2018
California Energy Commission**



Agenda

- **SB 338 discussion**
 - Changes to guidelines to incorporate SB 338.
- **Discuss administrative changes to Guidelines.**
 - Formatting and other minor changes in Guidelines.
 - Formatting changes in reporting tables.
- **Guidelines related questions.**
 - Completing reporting tables, IRP requirements, etc.



SB 350 Background

- **SB 350: Clean Energy and Pollution Reduction Act of 2015.**
 - Governor approved on October 7, 2015.
- **Adds sections 9621 and 9622 to PUC that require:**
 - POU's to submit IRPs to the CEC.
 - The CEC to review IRPs and make recommendations.
 - The CEC develop guidelines to facilitate submission of IRP filing and supporting information for review.



POU IRPs under SB 350

- **Requires certain POU s to develop and adopt IRPs.**
- **Energy Commission required to review POU IRPs and determine if the plans are consistent with PUC Section 9621.**
 - **Energy Commission is required to recommend corrections of any deficiencies.**
 - **CEC will determine if a POU IRP is consistent with PUC 9621**



POU IRPs Under SB 350

POUs must:

- Adopt initial IRP and process for updating by January 1, 2019.
- Submit IRP Filing to CEC by April 30, 2019.
- Update IRP at least once every five years.

IRPs must meet the following requirements.

- Meet CARB-established GHG reduction targets by 2030.
- Ensure procurement of at least 50% renewables by 2030.
- Meet other policy goals.



Senate Bill 338 Overview

- **Senate Bill 338 (Skinner, Chapter 389, Statutes of 2017).**
- **SB 338 became law on January 1, 2018.**
- **Requires POU board to consider existing preferred resources and grid operational efficiencies to meet energy needs during peak demand hours.**
 - **Energy storage.**
 - **Distributed generation.**
 - **Energy Efficiency.**



Senate Bill 338 Overview (cont.)

- **POU must consider these resources while:**
 - Reducing the need for new generation and transmission resources.
 - And achieve energy policy goals at least cost to ratepayers.



Proposed Guidelines Changes

- **F.4 - Energy Storage (section modified):**
 - Include an assessment of how multi-hour storage addresses peak-hour capacity needs.
- **G.3 – Addressing Net Demand in Peak Hours (Section added):**
 - Include a discussion of how existing preferred resources, and grid operational efficiencies are meeting reliability needs during peak hours.
- **Minor formatting changes to document.**
- **Minor changes to 4 standardized reporting tables.**



Proposed Guidelines Changes

- **Minor formatting changes to document.**
 - Added: “net-peak demand” definition.
 - Added links in Transportation Electrification section.
 - Changes to instructions for reporting tables.
 - Minor language changes for clarity
 - Line up rows in reporting tables with instructions.
- **Minor changes to 4 standardized reporting tables.**
 - Formatting and presentation (borders/shading).
 - Drop down lists for resource/fuel types.
 - Grey out some cells (historical years)



Questions/Discussion

- **What additional review/analysis is needed from these requirements?**
 - What is needed to meet this requirement for the 2019 IRP filing?
- **Questions on how to fill out the standardized reporting tables:**
- **Written comments are due on June 5, 2018.**



Thank You

Paul Deaver

916-651-0313

Paul.Deaver@energy.ca.gov

Links:

IRP workshops and meetings:

<http://www.energy.ca.gov/sb350/IRPs/documents/>.

IRP docket:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-IEPR-07>.

POU IRP webpage: <http://www.energy.ca.gov/sb350/IRPs/pous.html>.

POU clearinghouse page: <http://www.energy.ca.gov/sb350/IRPs/pous.html>