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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:
  – POUs 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 POUs 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
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, Statues 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.
• 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

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Links:
IRP workshops and meetings: http://www.energy.ca.gov/sb350/IRPs/documents/.
POU IRP webpage: http://www.energy.ca.gov/sb350/IRPs/pous.html.
POU clearinghouse page: http://www.energy.ca.gov/sb350/IRPs/pous.html