IRP Modeling Advisory Group Meeting
Consideration of Locational Value and Energy Storage Data Sources and Methods

CPUC Modeling Advisory Group Webinar

May 30, 2018

Overview of Presentation

- MAG schedule overview for Summer 2018
- Consideration of Locational Value in 2019 IRP
- Modeling Energy Storage in 2019 IRP

MAG Background

- The MAG provides an open forum for informal technical discussion and vetting of data sources, assumptions, and modeling activities undertaken by Energy Division staff to support the IRP proceeding (R.16-02-007)

- Participation in the MAG is open to the public, subject to the terms of the charter, and communication of events and materials is through the IRP proceeding service list

- Feedback received during and following MAG webinars and workshops inform staff work products that are later introduced into the formal record of the IRP proceeding

MAG Schedule for 2018

- In 2018, MAG will cover three tracks of work corresponding to three different IRP cycles:
  - 2017-18: Current IRP cycle
  - 2019-20: Second IRP cycle
  - 2021-22: Third IRP cycle
- Staff plans to host roughly one event per month
  - Most events will be webinars only
- The agenda for each event may cover multiple tracks
- The agenda for each event may evolve over time and will be updated and circulated to the IRP service list prior to the event

MAG Calendar: Summer 2018

Track	May 30, 2018 10am – 12pm Webinar	June 29, 2018 10am – 12pm Webinar	July 13, 2018 10am – 12pm Webinar	August 10, 2018 10am – 4pm In-Person Meeting (CPUC Auditorium)
IRP 2017-18		• GHG Accounting Discrepancies between CAISO 2017 and RESOLVE 2018	• "As found" results (SERVM) • ELCC and PRM results (SERVM) • Lessons learned	• Recommendations on final PCM guidelines
IRP 2019	• Method for Considering Locational Values in IRP • BTM and MUA Storage Sources and Method Options	• Method for Calculating DRP Locational Value Inputs for use in IRP • BTM and MUA Storage (tentative)		• Cost Perspective for IRP • EV Assumptions (tentative) • NG/Fossil Workplan (tentative)
IRP 2021				

Milestones for 2019-20 IRP Data Development

- **First half of 2018:**
  - Energy Division presents proposed sourcing and approach to inputs and assumptions, with different topical focus at each meeting
  - Parties provide informal feedback and ideas to staff on each topic
- **June 2018:**
  - Energy Division provides set of proposed data sources for demand-side resource assumptions and system parameters
  - Parties provide informal feedback to staff on proposal
- **September 2018:**
  - Staff proposal on inputs and assumptions for 2019 IRP introduced into IRP proceeding
  - Parties provide formal feedback on the record
- **Q1 2019:**
  - Initial modeling for 2019 IRP commences