



**Stakeholder comments and questions on 2018 Budget and Grid Management Charge Initial Stakeholder meeting held on July 25, 2017.**

Supporting meeting documents can be found here,

<http://www.caiso.com/informed/Pages/StakeholderProcesses/Budget-GridManagementCharge.aspx>.

**STAKEHOLDER:** Modesto Irrigation District and City of Santa Clara, California dba Silicon Valley Power

Submitted By: Sean Neal, James McFall (MID), and Ken Kohtz (SVP)

1: Slide 18 of the CAISO's presentation noted that Energy Imbalance Market ("EIM") administrative fees and forecasting fees in 2016 were higher than projected. Please provide an explanation of the forecasting fees at issue and why they exceeded projections for 2016.

**RESPONSE:** By way of background, the ISO assesses a forecast fee of \$0.10/MWh to any eligible intermittent resource that is provided an ISO forecast. The 2016 actual revenue collected exceeded the budgeted revenue by \$1.2 million. The budget developed for 2016 underestimated the surge of eligible intermittent resources coming on line. The amount over collected in 2016 is included in the 2018 operating reserve adjustment.

2: Among the list of “California ISO Active Projects as of June 30, 2017,” is the line item for EMS, i.e., Energy Management System. Please describe what specific enhancements were implemented as part of the 2016 EMS.

RESPONSE: The enhancements included:

- Support continued expansion of the market through enhanced performance, robustness, and integration with ISO network applications.
- Facilitate the integration of renewable energy resources, storage devices, and demand response through support for an expanded network model that provides flexibility and scalability.
- Enhance operator situational awareness through improved tools and user interfaces.
- Provide operational flexibility for more frequent enterprise data model changes to move from quarterly toward weekly and daily updates.
- Improve reliability and compliance through the introduction of new technology and critical infrastructure protection (CIP) standards.
- Provide the ability to handle the expected growth in number of analog and digital telemetry points including phasor measurement units (PMUs).

The project was approved by the ISO Board of Governors in February 2016. The board memo and presentation can be found here,

## MEMO

[http://www.caiso.com/Documents/Decision\\_EnergyManagementSystemReplacementProjectBudget-Memo-Feb2016.pdf](http://www.caiso.com/Documents/Decision_EnergyManagementSystemReplacementProjectBudget-Memo-Feb2016.pdf)

## PRESENTATION

[http://www.caiso.com/Documents/Decision\\_EnergyManagementSystemReplacementProjectBudget-Presentation-Feb2016.pdf](http://www.caiso.com/Documents/Decision_EnergyManagementSystemReplacementProjectBudget-Presentation-Feb2016.pdf)