

SIUG Meeting Summary

July 8, 2008

Ramp Rates Less Than 0.1 MW/min

The CAISO has been observing problems with the market optimization in cases where a generator either has a ramp rate less than 0.1 MW/min or it has transition times through a forbidden range that impute a ramp rate less than 0.1 MW/min. This is especially problematic for units with multiple ramp rate segments.

The CAISO is considering proposing a floor, perhaps 0.1 MW/min or 0.4 MW/min, for ramp rates. This could be a rule implemented through the Resource Data Template (RDT) and would include ramp rates implied through forbidden zone transition times.

Participants' Questions and Comments

- Would such a floor include an exemption for units with low total capacity, *i.e.*, a 0.1 MW QF? PG&E, for example, has several such small QFs.
- One Participant suggested that any ramp rate limitation rule include an exemption for small units, below which very low ramp rates would be allowed.

Integer Rounding at Interties

There is no significant new information on this issue. One issue with integer rounding is that if all systems round MW values to an integer, there may be inconsistencies with total amounts.

APNode Naming Convention

The CAISO has begun to publish APNode names on OASIS with the .APND extensions for aggregated nodes.

Participants' Questions and Comments

- Participants reported being unable to see pricing data from before the convention change.
- It appears that resource prices are not matching between systems.

Ancillary Service Pricing

The CAISO will begin posting AS prices as AS Regional prices, rather than Pnode prices and expects to implement the change within the next couple of weeks. We will clarify when OASIS reports will be updated.

ETC Usage Report and Scheduling Limitation

The CAISO continues to develop the ETC Usage Report and hopes to have a sample DA report for review within the next week or so. The change to allow Participants to schedule multiple ETCs also is underway and will require updated SIBR XSDs. The CAISO will notify Participants when the revised XSDs are available and the new scheduling capabilities are available.

Application-Level Digital Certificates

There is a process internal to the CAISO to review and approve device certificates for private key and public key external screens used for communications back to the CAISO. The existing Application Access

Request Form (AARF) is not especially user-friendly for requesting device-only certificates, so the CAISO is working on a new form that will allow Participants to request only device-based certificates. Meanwhile, Participants who need such a certificate can request one with the existing AARF and the CAISO will work with them to create the certificate.

Responses to Participants’ Questions

- The normal timeline for approving digital certificate requests is 10 business days, along with required time to implement application access, although there may be opportunities to expedite the approval process, if needed.
- Participants would need to submit one certificate request for each device. The device’s certificate provides the identify of the system, while the application layer manages access management, including the SCIDs on behalf of which each device is authorized to view/modify data.
- The CAISO has specifically separated the certificate (identity) and application access permissions. The CAISO needs more detail around user requirements to view data on a per-SCID basis, specifically:
 1. The purpose for which they would view date by individual SCID;
 2. The applications to which these requirements are applicable; and
 3. The interface that will be leveraged to view this data, API or UI.

Action Items and Open Questions

- What is the schedule for the next update to the MRTU Interface Specification for OASIS?
- Determine which CAISO group has been working on this effort, and ensure that Participants’ stated requirements are either being addressed, or are incorporated into this effort.

CAISO Participants

Leslie DeAnda, Dagmar Haller, Mark Rothleder, Byron Woertz

Market Participants

Name	Organization
Ryan Burkhalter	Citigroup Energy
Tim Vuong	City of Azusa
Mike Yester	CYCG
Mark Myers	NCPA
Dirk Altenhoff	OATI
Dan Crawford	PCI
Alva Svoboda	PG&E
Ellen Radinskaia	PG&E
Eric Menzel	PG&E

Name	Organization
Mari Turner	PG&E
Sharon Oleksak	Portland General Electric
David Dan	Power Settlements
Avelino Lopez	Powerex
Stephen Kung	SCE
T.J. Ferreira	SCE
Stanley Eng	Structure
Jeff Poppe	WAPA