

# Technical User Group Agenda

Oct 17, 2017

10:00 a.m. – 11:00 a.m. (Pacific Time)

Web Conference Information	Conference Call Information
URL: <a href="https://www.connectmeeting.att.com">https://www.connectmeeting.att.com</a>	Domestic Call In: (866) 528-2256
Meeting Number: 8665282256	International Call In: (216) 706-7052
Access Code: 6085978	Pass Code: 6085978

Time	Topic	Facilitator
10:00 – 10:05	Agenda & ISO Roll call	Sean Crimmins
10:05 – 10:15	Market status Information in MPP	Indu Nambiar
10:15 – 10:25	Advisory market schedules data retention	Indu Nambiar
10.25 – 10.35	Data retention strategy for CMRI, OASIS and ADS	Indu Nambiar
10.35 – 10.45	RequestMeterData XSD change	Indu Nambiar
10:25 – 10:25	Adjourn	Sean Crimmins

# Market Status Information in MPP

In MPP, there is a tab under “Market Operations” for “Market Status”

Market status information is published for DA, HA and RT markets

HA & RT market status information includes status for Bids & Schedules as well as ISTs

The proposal is to move this under the System Operating Messages in OASIS

# Screenshot of MPP showing market status information

**Welcome to the California ISO Market Participant Portal,**

the centralized access point for secure applications and business critical information.



**Market Operations**

[Market Status](#)      [Market Event Log](#)      [System Operating Messages](#)

Day Ahead Market      Hour Ahead and Real Time Market

Select Trade Date  ▼      Select Trade Date  ▼     

Bids & Schedules	Inter SC Trades
PUBLISHED	PUBLISHED

Hour Ending	Bids & Schedules	Inter SC Trades
15	PUBLISHED	PUBLISHED
16	CLOSE	PUBLISHED
17	CLOSE	PRE_CLOSE
18	OPEN	PRE_CLOSE

# Screenshot of OASIS System Operating Messages


System Operating Message Display - OASISUI Prod - PUBLIC - 1 - Internet Explorer

Timestamp	System Operating Messages
10/09/2017 13:18:39	There has been a change to the OTCs on the ELDORADO_ITC and PALOVRDE_ITC XXXX_BG branch group on 10/9/2017. Check OASIS for updates. From the California ISO OASIS select the (Transmission) tab and select the Report (Current Transmission Usage) for the current values
10/07/2017 08:43:28	Effective immediately there has been a change to the OTCs on the SUMMIT_ITC branch group for 10/8/17. Check OASIS for updates.
10/06/2017 14:07:52	Effective immediately there has been a change to the OTC's on the ELDORADO_ITC PALOVRDE_ITC WSTWGMEAD_ITC & NORTHGILA500_BG branch groups for 10/7/17. Check OASIS for updates.
10/06/2017 12:21:35	Effective immediately there has been a change to the OTC's on the BLYTHE_BG for 10/6/17. The ISO will update you on any changes in transmission line rating status.
10/06/2017 11:14:16	Effective immediately there has been a change to the OTC's on the ELDORADO_ITC PALOVRDE_ITC tie WSTWGMEAD_ITC and NORTHGILA500_BG for 10/6/17. The ISO will update you on any changes in transmission line rating status.
10/06/2017 07:57:19	Effective immediately there has been a change to the OTC's on the BLYTHE_BG for 10/6/17. The ISO will update you on any changes in transmission line rating status.
10/06/2017 07:28:12	Effective immediately there has been a change to the OTC's on the BLYTHE_BG for 10/6/17. The ISO will update you on any changes in transmission line rating status.
10/05/2017 18:21:15	Effective Immediately the Path 59 was changed from for HE 19 on 10/5/17 through HE 06 on 10/6/17. The ISO will update you on any changes in transmission line rating status.
10/05/2017 18:10:23	Effective immediately there has been a change to the OTC's on the Adelanto-SP_ITC branch group for 10/05/17. Check OASIS for updates.
10/05/2017 15:11:17	CAISO Issues with Bids and Schedules submission to the Hour Ahead and Real Time Market Have been RESOLVED. Inquiries please contact the Day Ahead Desk.
10/05/2017 14:22:23	CAISO is experiencing Issues with Bids and Schedules submission to the Hour Ahead and Real Time Market. Critical systems team is currently troubleshooting issue. Sent by Market Operations. Inquiries please contact the Day Ahead Desk.
10/05/2017 13:28:26	The Final Day Ahead Results were published at 13:11 for 10/06/2017. Note that Final Day Ahead Results for 10/06/2017 are expected to be publish by 13:00 as outlined in the CAISO Tariff. Sent by Market Operations. Inquiries please contact the Day Ahead Desk.
10/05/2017 12:55:40	Final Day Ahead Results for trade date 10/06/2017 that are normally published before 13:00 PPT today 10/05/2017 will be delayed. The Final Day Ahead Results for trade date 10/06/2017 are expected to be published by 13:30 for 10/06/2017. ISO estimates that this variation in the publishing time to apply only to the results for the 10/06/2017 trade date.
10/04/2017 19:58:22	Effective immediately there has been a change to the OTCs on the BLYTHE_BG branch group for 10/04/17 and 10/05/17. Check OASIS for updates. From the California ISO OASIS select the (Transmission) tab and select the Report (Current Transmission Usage) for the current values.
10/04/2017 17:38:54	The California ISO has URGENT maintenance in its IFM/RTN production environment today [9/12/2017 @ 18:00PPT]. RTN 5-min and RTPD 15-min dispatches are not expected to be interrupted. Contact the ISO Service Desk with any questions. 916-351-2390.

# How to get to System Operating Messages

- Link in MPP

Welcome to the California ISO Market Participant Portal,  
the centralized access point for secure applications and business critical information.



**Market Operations**

Market Status      [Market Event Log](#)      [System Operating Messages](#)

Day Ahead Market  
Select Trade Date

Hour Ahead and Real Time Market  
Select Trade Date      

Bids & Schedules	Inter SC Trades
PUBLISHED	PUBLISHED

Hour Ending	Bids & Schedules	Inter SC Trades
15	PUBLISHED	PUBLISHED
16	CLOSE	PUBLISHED
17	CLOSE	PRE_CLOSE
18	OPEN	PRE_CLOSE

- Link in OASIS

**California ISO** | **OASIS**

ATLAS REFERENCE    REPORT DEFINITION    PRICES    TRANSMISSION    SYSTEM DEMAND    ENERGY    ANCILLARY SERVICES

Welcome to the California ISO Open Access Same-time Information System (OASIS) site. On OASIS you will find real-time data related to the ISO transmission system and its Market, such as system demand forecasts, transmission outage and capacity status, market prices and market result data.

**Standards Information**  
North American Energy Standards Board (NAESB)  
ISO Business Practice Manuals  
Available Transfer Capability Information

**System Help**  
For interface technical specifications, product release plans and other supporting documents go to:  
System Technical Information



CONNECTED      QUICK LINKS  
OASIS Home      [System Operating Messages](#)      | SMEC=\$26.43339  
LMP Price Contour Maps

# Retention of Advisory Market Schedules

- Currently data is available for current trade date and seven days in the past
- Propose to change this to current trade date and three days in the past
- Usage analysis shows that this data is not heavily used by market participants
- This data set is advisory and is superseded by the binding values
- Keeping four days will help with performance improvement and efficiency in data storage

# Retention of Advisory Market Schedules

- Following CMRI UI reports will return data for the current date and three days in the past:
  - Two DA RUC Advisory Schedules
  - RTUC Advisory Schedules
  - RTD Advisory Schedules
- Request for Retrieve Market Schedules API with `bindingFlag = N` (for advisory market schedules) will only return data for the current date and three days in the past

# Data Retention for CMRI, OASIS and ADS

- Proposal to keep only 39 months worth of data in these three applications
- Data beyond 39 months will no longer be available
- This will align with the Settlement cycle of 36 months
- Data will be rolled off on a monthly basis after 39 months
- This will help with stability and performance of the applications



## RequestMeterData XSD – Minor change

- Change in cardinality to request multiple resource IDs within the same MeterDataRequest
- Current XSD allows for one resource ID per MeterDataRequest class, thereby causing multiple queries against the database.
- This change will make the database call more efficient
- Sample XML in the next slide

# RequestMeterData XSD – Sample XML

```
<m:RequestMeterData xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:m="http://www.caiso.com/soa/RequestMeterData_v1.xsd#"
xsi:schemaLocation="http://www.caiso.com/soa/RequestMeterData_v1.xsd# RequestMeterData_v1.xsd">
  <m:MessagePayload>
    <m:MeterDataRequest>
      <m:requestType>String</m:requestType>
      <m:RegisteredGenerator>
        <m:mRID>RESOURCE_A</m:mRID>
      </m:RegisteredGenerator>
      <m:RegisteredGenerator>
        <m:mRID>RESOURCE_B</m:mRID>
      </m:RegisteredGenerator>
      <m:RegisteredLoad>
        <m:mRID>RESOURCE_C</m:mRID>
      </m:RegisteredLoad>
      <m:Flowgate>
        <m:mRID>RESOURCE_C</m:mRID>
      </m:Flowgate>
      <m:rangePeriod>
        <m:end>2001-12-17T09:30:47Z</m:end>
        <m:start>2001-12-17T09:30:47Z</m:start>
      </m:rangePeriod>
    </m:MeterDataRequest>
  </m:MessagePayload>
</m:RequestMeterData>
```

# Wrap-up

Please send agenda items to [scrimmins@caiso.com](mailto:scrimmins@caiso.com)