



Release User Group Agenda

November 17, 2020

10:00 a.m.–11:00 a.m. (Pacific Time)

| Web Conference Information | Conference Call Information |
|--|--|
| <p>Web Address: https://caiso.webex.com/meet/RUG Meeting Number: 960 941 245</p> <p>Audio connection instructions will be available after connecting to the web conference. When prompted, select "Call me" and enter the phone number you will use during the call. You will be called by the conference shortly.</p> | <p>Dial-in Number: 866-528-2256 International Dial-in: 216-706-7052 Access Code: 291 426 5</p> |
| <p>Calls and webinars are recorded for stakeholder convenience, allowing those who are unable to attend to listen to the recordings after the meetings. The recordings will be publicly available on the ISO web page for a limited time following the meetings. The recordings, and any related transcriptions, should not be reprinted without the ISO's permission.</p> | |

Release User Group Agenda

November 17, 2020

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

| Time | Topic | Facilitator |
|---------------|------------------------|--|
| 10:00 – 10:05 | Agenda & ISO Roll call | Adrian Chiosea |
| 10:05 – 10:45 | Release Plan | Trang Vo Janet Morris Jeremy Malekos Rashele Wiltzius |

The ISO offers innovative training programs

| Date | Training courses and workshops |
|-----------------------------------|--|
| January 14, 2021 | Welcome to the ISO (Webinar) |
| March 2-3, 2021 (9am – 12pm) | Intro to ISO Markets (<i>Virtual Workshop</i>) |
| March 9-10, 2021 (9am – 12pm) | Market Transactions (<i>Virtual Workshop</i>) |
| March 16-17, 2021 (9am – 12pm) | ISO Settlements (<i>Virtual Workshop</i>) |
| | Email us at CustomerReadiness@caiso.com for any training or readiness related questions |



CustomerReadiness@caiso.com

Computer Based Training

There are more than 20 computer based training modules on the ISO website covering: Markets and Operations, Settlements and Metering, Reference Materials, Western Energy Imbalance Market and more!

New Modules (recorded webinar and slides)

You can now find the following new initiatives training courses on the learning center web page:

- | | |
|--|--|
| • ADS Training Part 1 & 2 | • ESDER 3B |
| • DOT Tariff Clarification | • FERC 841 |
| • Excess Behind the Meter Production | • Market Settlements Timeline Transformation |
| • Flexible Ramping Product Refinements | • Intertie Deviation Settlement |

Visit our **Learning Center** web page to access our training calendar, register for courses and find other informational resources:
<http://www.caiso.com/participate/Pages/LearningCenter/default.aspx>

Release Plan Summary: 2020

Independent 2020

Activation - Dec

- **Dec 1:** Hybrid Resources - Phase 1
- **Dec 10:** Aliso Canyon Phase 5
- **Dec 15:** Energy Imbalance Market (EIM) Enhancements 2020
- Slow Demand Response

Activation– Jan 2021

- **Jan 1, 2021**
 - Nodal Pricing Model – Advisory Service for PacifiCorp - Settlements Effective Date
 - Intertie Deviation Settlement
 - EIM Enhancements Symmetrical Wheeling
 - Q4 Winter Release – Settlements
- **Jan 13, 2021** - Commitment Costs and Default Energy Bid Enhancements Phase 1

Fall 2020

Activation on Jan 1, 2021

- Excess Behind the Meter Production
- Market Settlement Timeline Transformation

Activation on Dec 16

- Dispatch Operating Target Tariff Clarifications
- ADS new features: DOTT, Unannounced AS Test, RTCD Commitment, Follow DOT Flag, Operating Instructions

Release Plan Summary: 2021 - 2022

Independent 2021

- System Market Power Mitigation Phase 1 (BOG Nov 2020 and implementation prior to Q3, 2021)
- Variable operations and maintenance cost review (BOG Nov 2020)
- Real-Time Settlement Review (BOG Dec 2020)
- FERC Order 831 - Import Bidding and Market Parameters – (BOG Sept 2020)
- Pseudo Ties for Shared Resources (JOU Modeling) – (BOG Nov 2020)

Spring 2021

- Energy Imbalance Market (EIM) 2021 - BANC Ph 2/WAPA
- Energy Imbalance Market (EIM) 2021 - Turlock Irrigation District
- Energy Imbalance Market (EIM) 2021 - Public Service Company of New Mexico
- Energy Imbalance Market (EIM) 2021 - North-Western Energy
- Energy Imbalance Market (EIM) 2021 - Los Angeles Dept. of Water and Power

Fall 2021 – tentative, subject to impact assessment

- Resource Adequacy (RA) Enhancements (BOG Q1 2021)
- Energy Storage and Distributed Energy Resources Phase 4 (BOG Oct 2020)
- Flexible Ramping Product Refinements (BOG Oct 2020)
- Hybrid Resources Phase 2 (BOG Nov 2020)
- [Western EIM Sub-Entity Scheduling Coordinator Role](#)

Spring 2022

- Energy Imbalance Market (EIM) 2022 - Avista
- Energy Imbalance Market (EIM) 2022 - Tucson Electric Power
- Energy Imbalance Market (EIM) 2022 – Tacoma Power
- Energy Imbalance Market (EIM) 2022 – Bonneville Power Administration
- Energy Imbalance Market (EIM) 2022 – Xcel Energy - Colorado

Fall 2023

- Day Ahead Market Enhancements (BOG 2021)
- Extend DA Market (BOG 2021)

Release Schedule 2020 - 2021

Date of Data Refresh: 11/13/2020



| Legend | |
|-------------------|-----------------|
| Market Simulation | CA ISO Holiday |
| External Testing | Deployment Week |

| |
|---------------------|
| 11/16/20 - 11/22/20 |
| 11/23/20 - 11/29/20 |
| 12/01/20 - 12/06/20 |
| 12/07/20 - 12/13/20 |
| 12/14/20 - 12/20/20 |
| 12/21/20 - 12/27/20 |
| 12/28/20 - 1/03/21 |
| 1/04/20 - 1/10/21 |
| 1/11/20 - 1/17/21 |
| 1/18/21 - 1/24/21 |
| 1/25/21 - 1/31/21 |
| 2/01/21 - 2/07/21 |
| 2/08/21 - 2/14/21 |
| 2/15/21 - 2/21/21 |
| 2/22/21 - 2/28/21 |
| 3/01/21 - 3/07/21 |
| 3/08/21 - 3/14/21 |
| 3/15/21 - 3/21/21 |
| 3/22/21 - 3/28/21 |
| 3/29/21 - 4/04/21 |
| 4/05/21 - 4/11/21 |
| 4/12/21 - 4/18/21 |
| 4/19/21 - 4/25/21 |
| 4/26/21 - 5/02/21 |
| 5/03/21 - 5/09/21 |
| 5/10/21 - 5/16/21 |
| 5/17/21 - 5/23/21 |
| 5/24/21 - 5/30/21 |
| 5/31/21 - 6/06/21 |
| 6/07/21 - 6/13/21 |
| 6/14/21 - 6/20/21 |
| 6/21/21 - 6/27/21 |
| 6/28/21 - 7/04/21 |
| 7/05/21 - 7/11/21 |

MAP Stage Environment Window

| | |
|---|---|
| EIM Enhancements Symmetrical Wheeling - Market Sim | EIM Enhancements Symmetrical Wheeling - Market Sim (11/17-12/03) |
| EIM Enhancements 2020 (CMRI) - Market Sim | EIM Enhancements 2020 - Market Sim (11/23-12/04) |
| CCDEBE Phase 1 (New SIBR Rules) - Market Sim | CCDEBE Phase 1 - Market Sim (12/01-12/15) |
| Intertie Deviation Settlement - Market Sim | Intertie Deviation Settlement - Market Sim (12/01-12/18) |
| EIM - BANC Phase 2 / WAPA - Market Sim | EIM - BANC Phase 2 / WAPA - Market Sim (11/03-01/31) |
| EIM - Public Service Company of New Mexico - Market Sim | EIM - Public Service Company of New Mexico - Market Sim (11/03-01/31) |
| EIM - Los Angeles Dept. of Water & Power - Market Sim | EIM - Los Angeles Dept. of Water & Power - Market Sim (11/03-01/31) |
| EIM - Turlock Irrigation District - Market Sim | EIM - Turlock Irrigation District - Market Sim (11/03-01/31) |
| EIM - North-Western Energy - Market Sim | EIM - North-Western Energy - Market Sim (12/01-01/31) |

Production Environment Window

| | |
|---|---|
| Slow Demand Response | Slow Demand Response (12/01) |
| Hybrid Resources Phase 1 | Hybrid Resources Phase 1 (12/01) |
| Aliso Canyon 5 | Aliso Canyon 5 (12/10) |
| EIM Enhancements 2020 | EIM Enhancements 2020 (12/15) |
| ADS - Activation of New Features | ADS - Activation of New Features (12/16) |
| Dispatch Operating Target Tariff Clarification | Dispatch Operating Target Tariff Clarification (12/16) |
| Settlements Q4/Winter Release Effective Trade Date | Settlements Q4/Winter Release Effective Trade Date (01/01) |
| Excess Behind the Meter Production Activation Effective Trade Date | Excess Behind the Meter Production Activation Effective Trade Date (01/01) |
| Market Settlement Timeline Transformation Activation Effective Trade Date | Market Settlement Timeline Transformation Activation Effective Trade Date (01/01) |
| Intertie Deviation Settlement | Intertie Deviation Settlement (01/01) |
| EIM Enhancements Symmetrical Wheeling | EIM Enhancements Symmetrical Wheeling (01/01) |
| CCDEBE Phase 1 Activation | CCDEBE Phase 1 Activation (01/13) |
| Nodal Pricing Model Settlements Effective Date | Nodal Pricing Model Settlements Effective Date (01/01) |
| Nodal Pricing Model Activation | Nodal Pricing Model Activation (01/15) |
| ADS - Decommission of Old ADS client, API v6 | ADS - Decommission of Old ADS client, API v6 (02/01) |
| EIM - BANC Phase 2 / WAPA | EIM - BANC Phase 2 / WAPA (03/25) |
| EIM - Turlock Irrigation District | EIM - Turlock Irrigation District (03/25) |
| EIM - Public Service Company of New Mexico | EIM - Public Service Company of New Mexico (04/01) |
| EIM - Los Angeles Dept. of Water & Power | EIM - Los Angeles Dept. of Water & Power (04/01) |
| EIM - North-Western Energy | EIM - North-Western Energy (04/01) |

<http://www.caiso.com/Documents/ReleaseSchedule.pdf>



2020 Independent

2020 – Hybrid Resources Phase 1

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <p>Scope: Phase 1 of the Hybrid Resource Initiative will introduce co-located resources which are two or more resources sharing the same point-of-interconnection to the grid. In cases where the interconnection capacity is below the maximum aggregate output of the co-located resources, an aggregate capability constraint (ACC) will be modeled to ensure the total dispatch of the ACC's associated resources are within its maximum and minimum limits. The markets will support co-located resources for ISO and EIM (participating and non-participating) resources. Hybrid Resources will be introduced at a later time in Phase 2 of the initiative.</p> <p>MasterFile: Enhance to include Co-Located Status, Aggregate Capability Constraint Limits</p> <p>IFM, RTM: Enhance market model to optimize energy dispatch for co-located resources behind a generation capability nomogram constraint. Add ISO and EIM Operator display for ACC limit override (allowing reduction of ACC limits for a fixed time). Add energy congestion management logic to create and enforce POI limit constraints.</p> <p>Price Corrections Tool (internal to ISO): Price correction logic will reflect the Point-of-Interconnection (POI) pnode LMP as the price for co-located resources.</p> <p>ALFS: Time periods where co-located VER are operating with negative supplemental DOT will be excluded from data forecast model training by ISO-provided FSP.</p> |
| BPM Changes | Definitions and Acronyms, Energy Imbalance Market, Generator Management, Market Instruments, Market Operations, Metering, Reliability Requirement |
| Tariff Changes | Tariff amendments will define Aggregate Capability Constraint, Co-Located Resources, Point of Interconnection. Phase 1 interim will not support Ancillary Services for co-located resources (will be supported in future). |

2020 – Hybrid Resources Phase 1

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|---------------------------------------|-----------------------|--------|
| Board Approval | Obtain Board of Governors Approval | Jul 22, 2020 | ✓ |
| External BRS | Milestone: Post External BRS | Jul 17, 2020 | ✓ |
| Config Guides | Post Draft Config. Guides | N/A | |
| Tech Spec | Create ISO Interface Spec (Tech spec) | N/A | |
| Tariff | Draft Tariff | Jun 18, 2020 | ✓ |
| BPMs | Post Draft BPM changes for review | Oct 20, 2020 | ✓ |
| External Training | Deliver External Training | Oct 20, 2020 | ✓ |
| Market Sim | Market Sim Window | Oct 26 – Nov 13, 2020 | ✓ |
| Production Activation | Hybrid Resources Phase 1 | Dec 1, 2020 | |

2020 – Aliso Canyon Ph5

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <p>Scope: This project will consider enhancements to the existing Dynamic Competitive Path Assessment (DCPA) and Gas Nomogram capabilities currently in production.</p> <p>IFM/RTN: Formulate and solve the linear programming problem for maximizing the Residual Supplier Index (RSI) for each binding constraint that DCPA is applied.</p> <p>SMDM: Enhance the User Interface to include “All Markets” when the user is defining “Market” within the Curtailment to Process section.</p> <p>SMDM: Creation of error message if the RT curtail type “incremental” or “absolute” are used and total curtailment is left null.</p> |
| BPM Changes | <ul style="list-style-type: none"> Managing Full Network Model Market Operations |
| Tariff Changes | <ul style="list-style-type: none"> N/A |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|--|--------------|--------|
| Board Approval | Obtain Board of Governors Approval - NO BOG Needed | N/A | |
| External BRS | Post External BRS | May 05, 2020 | ✓ |
| Config Guides | Post Draft Config Guides | N/A | |
| Tech Spec | Publish Technical Specifications | N/A | |
| Tariff | File Tariff | N/A | |
| BPMs | Post Draft BPM changes | Jul 17, 2020 | ✓ |
| External Training | Deliver External Training | N/A | |
| Market Sim | Market Sim Window | N/A | |
| Production Activation | Aliso Canyon Phase 5 | Dec 10, 2020 | |

2020 – EIM Enhancements 2020

BAAOP

- Allow EIM entity override activation for the contingencies up to 15 in NA contingency list
- Add visibility of other adjacent BAA's ETSR locks and reasons
- Add Static ETSR transfer data to RTD Dispatch Control Display (ETSR tab). Add Static ETSR transfer data to BAAOP ETSR Detail Display (in RTD)
- In RTD/RTPD Dispatch Control display, in Dispatch Instruction Review table, add columns for UP and DN remaining ramp capacity (5/15 minute respectively). In addition, include the sum of these columns at bottom of table. Example Calculation: $RTD\ UP\ Ramp = MIN(5MinRampRate, [UpperLim-CurrentDispatch])$.
- Add Supplemental DOT to VER resources to Dispatch Control displays; Detail: In BAAOP RTD/RTPD Dispatch Control, add SUPP DOT column
- Fix the functionality for Manual Dispatches - users should be able to utilize MSG functions, such as designating a specific configuration, and users should be able to do commitment override
- EIM Entities have a notification status of market inputs, showing if BAAOP received the latest payload of critical market inputs. Example Critical data submissions: (not all inclusive)
- Fix/Improve SVG One Lines. Request to be able to view SE and telemetry values for all substation flows and elements

BSAP

- Add Manual Dispatch information to BSAP Resource Bal Viewer. Add any applicable deviations that used in the test to BSAP BAA Bal Viewer.
- For the Bid Range Capacity Test Results report, Requirement Amount Column needs to publish the true requirement, not just the INCREMENTAL/DECREMENTAL requirement

RTM

- Publish the effective ETSR import and export limits for the market run for RTPD and RTD
- Support Pump Storage for EIM BAAs
- Publish the effective load conforming for the market run for RTPD and RTD for Binding and Advisory
- Publish the data of the MW infeasibility data and ABC Up and Down Dispatches of RTPD/RTD

CMRI

- Display and publish, download the data of the MW infeasibility data and ABC Up and Down Dispatches of RTPD/RTD
- For the Bid Range Capacity Test Results report, Requirement Amount Column needs to display and publish, download the true requirement, not just the INCREMENTAL/DECREMENTAL requirement. Only upstream has changes with regards to the data that is sends to CMRI.
- Display and publish, download the data of the effective load conforming for the market run for RTPD and RTD for
 1. CMRI Load Conforming Binding rpt
 2. CMRI Load Conforming Advisory rpt

2020 - EIM Enhancements 2020 (cont.)

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|---|-----------------------------|--------|
| Board Approval | Obtain Board of Governors Approval | N/A | |
| External BRS | Milestone: Post External BRS | Mar 24, 2020 | ✓ |
| Tech Spec | Create ISO Interface Spec (Tech spec) CMRI tech spec | | ✓ |
| | 1. MW Infeasibility Report | May 29, 2020 | ✓ |
| | 2. Load Conforming Report | May 29, 2020 | ✓ |
| | 3. Available Balance Capacity (ABC) Up and Down Dispatch Report by Resource | Jul 1, 2020 | ✓ |
| | 4. Advisory Load Conforming Report | Aug 5, 2020 | ✓ |
| Tariff | File Tariff | N/A | |
| BPMs | Draft BPM changes - Market Instruments – PRR 1281 | Aug 31, 2020 | ✓ |
| External Training | Deliver External Training – coordinate via customer readiness EIM ops mtg | Aug 31, 2020 – Oct 22, 2020 | ✓ |
| Market Sim | Market Sim Window - unstructured CMRI | Nov 23, 2020 – Dec 4, 2020 | |
| Production Activation | EIM Enhancements 2020 | Dec 15, 2020 | |

2020 – Slow Demand Response

Overview

Following up on Proxy demand resource - resource adequacy clarifications policy initiative

The Master File GRDT (Generator Resource Data Template) will be updated with a new field called “SLOW DR” (GRDT v14).

- Field will be populated with Y, N or NULL
 - YES means the PDR or Curtailment LSR resource has been designated “slow”
 - NO means the PDR or Curtailment LSR resource has NOT been designated “slow” and
 - NULL means the resource is neither a PDR nor a Curtailment LSR

A resource is designated “slow” when it meets one or both of the following criteria:

- Startup + ramp is greater than 20 minutes to reach PMAX, or
- A bid dispatchable option of Hourly or 15 minute has been elected by the resource (this is done through a GRDT request)

“SLOW DR” will be a read-only field for Market Participants, indicating the resource met one or both of these criteria.

The Market Instruments BPM Attachment B will be updated to add the definition of the slow demand response resource designation.

For PDR or PDR_LSR where BID_DISP_OPT >= 15 or startup time plus ramp time to Pmax >= 20

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <ul style="list-style-type: none">• Master File |
| BPM Changes | <ul style="list-style-type: none">• Market Instruments Attachment B: Slow Demand Response resource definition |
| Tariff Changes | <ul style="list-style-type: none">• No |

See [Frequently Asked Questions – Slow Demand Response](#)

At [www.caiso.com/Stay Informed/Release Planning/Independent 2020/Slow Demand Response](http://www.caiso.com/Stay%20Informed/Release%20Planning/Independent%202020/Slow%20Demand%20Response)

Activation anticipated in December 2020. ISO will communicate in advance the actual activation date.

2020 – Nodal Pricing Model – Advisory Service for PacifiCorp

| Project Info | Details/Date |
|---------------------------------|---|
| Reference | <p>Reference – ISO market notice from Dec 18, 2019 – see: Stay Informed\Meetings and Events\Miscellaneous stakeholder meetings\Previous Meetings\2019 meetings\PacifiCorp nodal pricing model service informational call - Dec 18,2019 or http://www.caiso.com/Pages/documentsbygroup.aspx?GroupID=E8304346-54B9-4473-9E45-9C282AAD1340</p> <p>Reference - NPM FERC filing http://www.caiso.com/Documents/Dec20-2019_NodalPricingModelAgmt_CAISO-PacifiCorp_ER20-664.pdf#search=NPM</p> |
| Excerpt from the market notice: | <p>“The California ISO is hosting an informational stakeholder call on Dec. 18, 2019, to discuss an agreement that it intends to file with Federal Energy Regulatory Commission (FERC) that will provide PacifiCorp with an advisory nodal pricing model (NPM) service. Information related to this effort available on the ISO website at http://www.caiso.com/informed/Pages/MeetingsEvents/MiscellaneousStakeholderMeetings/Default.aspx.</p> <p>This service will produce separate advisory day-ahead nodal pricing results for locations within PacifiCorp’s balancing authority areas, without a financial settlement or impact to the ISO’s day-ahead market. PacifiCorp will pay the ISO’s estimated cost to provide the service. PacifiCorp plans to use the NPM solution results as the basis for its power cost allocation among the states within which it provides retail electric service, consistent with the recently filed inter-jurisdictional cost allocation agreement.”</p> |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|-------------------------------|-----------------------------|--------|
| Tariff | FERC Approval | Feb 28, 2020 | ✓ |
| Config Guides | Publish Config Guide | Aug 10, 2020 | ✓ |
| External Training | External training | Sep 03, 2020 | ✓ |
| Market Sim | Market Sim Window | Oct 06, 2020 - Nov 13, 2020 | ✓ |
| Production Activation | Day Ahead Nodal Pricing Model | Jan 15, 2021 | |

2020 – Intertie Deviation Settlement

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <p>Scope: Implement a new Under/Over Delivery Charge for intertie deviations from Market Schedule and After-The-Fact (ATF) E-Tag, to replace Decline charge</p> <p>Impacted Systems:</p> <p>Settlements</p> <ul style="list-style-type: none"> • Calculate FMM binding intertie award, exclude Curtailment, calculate under/over delivery quantity as deviation of schedule and ATF E-Tag, Charge under/over delivery Charge at 50% of RTD LMP. • Remove the decline charge calculation and Decline Threshold • Allocate Over/Under delivery charge to measured demand <p>ADS - display the HASP schedule, the scheduling coordinator accepted value, and the difference between the two</p> <p>RTM - determine the 15-minute binding award for hourly intertie resources based on the E-Tag at T-40.</p> |
| BPM Changes | Settlements and Billing |
| Tariff Change | Section 11.32 |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|--|----------------------|--------|
| Board Approval | Obtain Board of Governors Approval | Feb 07, 2019 | ✓ |
| External BRS | Post External BRS | Mar 02, 2020 | ✓ |
| Config Guides | Post Revised Config Guides | Aug 10, 2020 | ✓ |
| Tech Spec | Publish Technical Specifications | N/A | |
| Tariff | Tariff Activities | May 22, 2020 | ✓ |
| BPMs | Settlements and Billing Market Operations | Aug 10, 2020 | ✓ |
| External Training | Deliver External Training | Sep 29, 2020 | ✓ |
| Market Sim | Market Sim Window | Dec 1 – Dec 18, 2020 | |
| Production Activation | Intertie Deviation Settlement | Jan 1, 2021 | |

2020 – EIM Enhancements – Symmetrical Wheeling

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <p>Scope: This project will allow EIM to settle Base ETSR attributes to support Base ETSR Imbalance Energy settlements between two EIM BAAs at a mutually agreed price. The enhancement is for base ETSR price setting to result in symmetrical settlement of wheeling through EIM BAAs enhancement.</p> <p>RTM: Update LMP price setting for Base ETSRs to be associated with From BAA of the Base ETSRs and retire split ratio price setting</p> <p>MasterFile: Retire the definition of the Base ETSR split ratio and From/To financial location.</p> <p>Settlements: Update formulation of Base ETSR export/import in Real Time Congestion Offset EIM and Real Time Marginal Losses</p> |
| BPM Changes | <ul style="list-style-type: none"> • Energy Imbalance Market (EIM) |
| Tariff Changes | <ul style="list-style-type: none"> • N/A |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|---|---------------------------|--------|
| External BRS | Post External BRS | Oct 2, 2020 | ✓ |
| Config Guides | Post Draft Config Guides | Sep 29, 2020 | ✓ |
| Tariff | File Tariff | N/A | |
| BPMs | Post Draft BPM changes | N/A | |
| External Training | Deliver External Training (EIM Settlements webinar) | Dec 15, 2020 | |
| Market Sim | Market Sim Window | Nov 17, 2020 –Dec 3, 2020 | |
| Production Activation | EIM Enhancements Symmetrical Wheeling | Jan 1, 2021 | |

Settlements Q4/Winter Release

Release Scope:

- Day Ahead Nodal (NPM project)
- Intertie Deviation Settlement (IDS)
- EIM Enhancement: Symmetrical Wheeling
- Production defects as noted in release component SUG email

Release Milestones as follows:

- 1st draft technical documentation posted = **8/10**
- 1st draft configuration output file + initial release component summary posted = **8/25**
- 2nd draft configuration output file + 2nd draft tech docs + updated release component summary posted = **9/14**
- 3rd draft configuration output file (pre market sim) posted = **10/8**
- Unplanned draft configuration output file posted - **10/29**
 - IDS calc granularity change from MW to MWh
- Deployed to MAP-Stage = **10/6**
- Pre-prod configuration output file + release artifacts to post - **12/9**
- Production deployment - **12/16**

Winter 2020 settlements release draft settlements technical documentation:

<http://www.caiso.com/Pages/documentsbygroup.aspx?GroupID=EF90CE68-D8D0-43F7-8052-04FBE1D0825B>

2020 – Commitment Cost and Default Energy Bid Enhancements Ph1

| Project Info | Details/Date |
|------------------------------|---|
| Application Software Changes | <p><u>Scope:</u> Enhances the ability to submit market-based commitment cost bids in order to reflect unique costs and volatility:</p> <ul style="list-style-type: none"> • Ex-ante cost adjustment requests • Reference Level Adjustments to default commitment cost bids (start-up and minimum load costs) and default energy bids • Make Day Ahead Market process permanent • Make D+2 Process permanent • Use of indices clarification, and Monday Only in DAM and RTM, per LMPME • Conditionally Available Resources (CAR) <p><u>Impacted Systems:</u></p> <ul style="list-style-type: none"> • SIBR: Allow the submittal of Ex Ante cost adjustments. • CMRI: Provide additional source information for default bids. <p>Submit requests through CIDI for manual consultation and ex-post default bid adjustments.</p> |
| BPM Changes | <ul style="list-style-type: none"> • Market Instruments • Market Operations |
| Business Process Changes | <ul style="list-style-type: none"> • Maintain Major Maintenance Adders (MMG LIII) • Maintain Negotiated Default Energy Bids (MMG LIII) • Maintain Negotiated O_Ms (MMG LIII) • Manage Day Ahead Market (MMG LII) • Manage Market Billing Settlements (MOS LII) • Manage Real Time Hourly Market (RTPD) (MMG LII) • Manage Real Time Operations – Maintain Balance Area (MMG LII) |

2020 – Commitment Cost and Default Energy Bid Enhancements Ph1

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|---|-----------------------------|--------|
| Draft Policy | Publish Draft Business Rules externally | Jan 31, 2018 | ✓ |
| Board Approval | Obtain Board of Governors Approval | Mar 22, 2018 | ✓ |
| External BRS | Publish External BRS v1.5: implementation notes & clarifications (BRQ046, BRQ035/335), Generic Hub GPI update | Sep 03, 2019 | ✓ |
| | Revised BRS v1.6: added clarifications and notes | Sept 14, 2020 | ✓ |
| Config Guides | Config Guide | N/A | |
| Tech Spec | Publish Technical Specifications | May 17, 2019 | ✓ |
| | Publish Technical Specification updates for CARs and Electric Pricing Hub weighting | Jun 28, 2019 | ✓ |
| Tariff | Collect stakeholder comments | Feb 21, 2020 | ✓ |
| | Draft tariff conference call with stakeholders | Feb 27, 2020 | ✓ |
| | Stakeholder call to review CCDEBE draft tariff re-filing | May 20, 2020 | ✓ |
| | Publish updated draft tariff (reflecting 20-May feedback) | Jun 05, 2020 | ✓ |
| | Refile CCDEBE tariff | Jul 09, 2020 | ✓ |
| BPMs | Publish draft Market Instruments: Attachment O on CCDEBE Stakeholder Processes page | Oct 04, 2019 | ✓ |
| | PRR 1203 published: CCDEBE updates to Market Instruments BPM, incl. Attachment O | Oct 18, 2019 | ✓ |
| External Training | Deliver External Training | Oct 08, 2019 | ✓ |
| | Finalize external training material | Oct 04, 2019 | ✓ |
| Market Sim | Market Sim Window | Oct 14, 2019 - Dec 03, 2019 | ✓ |
| | Market Sim Window – New SIBR rules | Dec 1, 2020 – Dec 15, 2020 | |
| Production Activation | CCDEBE Phase 1 | Jan 13, 2021 | |

OMS Roadmap for 2020-2021

| Release | Major Changes | Participant | MAPStage | Production |
|---------|--|-------------|--------------|------------|
| October | Remove defaulting discovery date - For retro-active outages submit discovery date. - Handle no discovery date if not previously submitted. | All | ✓ 11/05/2020 | 1/11/2021 |
| | Aggregate Resource Outage retrieve results changes - Handle receiving only parent and impacted children. | All | | |
| | Transmission Retrieve Changes - If moving to new version (= 10012020), consume new XSD and handle receipt of multiple change requests. | All | | |
| | Retrieve Resource/Transmission outage change request - Limiting to 50 - Disable querying with participant ID & Date Range. - Query by Outage ID, Change request ID and Equipment ID/Resource ID | All | | |

OMS Roadmap for 2020-2021

| Release | Major Changes | Participant | MAPStage | Production |
|----------|--|-------------|------------|------------|
| November | <p>TOP Calculations for shared equipment</p> <ul style="list-style-type: none"> - Based on participant ID TOP attribute will be comma separated TOPs. | All | 12/18/2020 | 02/15/2021 |
| | <p>Communication and RAS changes</p> <ul style="list-style-type: none"> - Handle Providing these flags for Nature of Work for communication and Relay work. - RAS flags - UI change (RAS/SPS Out of Service, RAS/SPS Reduced Redundancy, Protection Zone, EMS/ICCP Outage) will be changed from Y/N to Y/N/NA(Undefined or Null) | All | | |
| December | <p>Significant Outage flag determination.</p> <ul style="list-style-type: none"> - Flag will be displayed in the version history of the outage - Please see May 2020 - CPG slide deck for more details. | All | 02/19/2021 | 04/19/2021 |

2020 - System Interface Changes

| OMS | | | | | |
|---------|--|--|---|---|------------|
| Project | Service | Summary | Tech Spec | MAP Stage | Production |
| N/A | RetrieveResourceOutageChangeRequest_OMSv2_AP & DocAttach RetrieveResourceOutageChangeRequest_OMSv2_DocAttach_AP RetrieveResourceOutageChangeRequest_OMSv3_AP RetrieveResourceOutageChangeRequest_OMSv3_DocAttach_AP RetrieveTransmissionOutageChangeRequest_OMSv2_AP RetrieveTransmissionOutageChangeRequest_OMSv2_DocAttach_AP RetrieveTransmissionOutageChangeRequest_OMSv3_AP RetrieveTransmissionOutageChangeRequest_OMSv3_DocAttach_AP | <ul style="list-style-type: none"> Performance Improvements: <ul style="list-style-type: none"> Retrieve up to 50 outages by querying on outage ID) Retrieve based on Change Request ID Retrieve based on Equipment ID Removed capability of querying by participant ID Recommended use to sync data | <ul style="list-style-type: none"> ✓ 8/11/20, v2.1 | <ul style="list-style-type: none"> ✓ 11/5/2020 | 1/11/2021 |
| N/A | | <ul style="list-style-type: none"> WebOMS system will not default the discovery date | <ul style="list-style-type: none"> ✓ 8/11/20, v2.1 | <ul style="list-style-type: none"> ✓ 11/5/2020 | 1/11/2021 |
| N/A | SubmitResourceOutage_OMSv2_AP SubmitResourceOutage_OMSv2_DocAttach_AP SubmitResourceOutage_OMSv3_AP SubmitResourceOutage_OMSv3_DocAttach_AP | <ul style="list-style-type: none"> Changes to aggregate resource outage submission for performance improvement <ul style="list-style-type: none"> Submit de-rate for parent resource (required) and only the impacted child resources Retrieve results will not be include (for both v2 and v3 services) child resources that have no curtailment Parent resource availability points need not match with child resources' but will remain within the overall outage start and end date span Child resource outages can be added to existing outage if the outage has not commenced UI display and retrieve results for historical outages will be modified to support this model Changes are being done to enhance webOMS performance | <ul style="list-style-type: none"> ✓ 8/11/20, v2.1 | <ul style="list-style-type: none"> ✓ 11/5/2020 | 1/11/2021 |

<https://developer.caiso.com>

2020 - System Interface Changes

| OMS | | | | | |
|---------|--|---|-----------------|------------|------------|
| Project | Service | Summary | Tech Spec | MAP Stage | Production |
| N/A | RetrieveTransmissionOutage_OMSv3_AP RetrieveTransmissionOutage_OMSv3_DocAttach_AP | <ul style="list-style-type: none"> If Version Tag =v20201001, return all outage requests If Version Tag <>v20201001, return a single request | ✓ 8/11/20, v2.1 | 12/18/2020 | 02/15/2021 |
| N/A | | <ul style="list-style-type: none"> Auto-acceptance of non-significant changes | ✓ 8/11/20, v2.1 | 12/18/2020 | 02/15/2021 |
| N/A | | <ul style="list-style-type: none"> Handling shared equipment <ul style="list-style-type: none"> Lists all valid TOPs Allow retrieval by all TOPs | ✓ 8/11/20, v2.1 | 12/18/2020 | 02/15/2021 |
| N/A | RetrieveResourceOutage_OMSv3_AP RetrieveResourceOutage_OMSv3_DocAttach_AP RetrieveTransmissionOutage_OMSv3_AP RetrieveTransmissionOutage_OMSv3_DocAttach_AP SubmitResourceOutage_OMSv3_AP SubmitResourceOutage_OMSv3_DocAttach_AP SubmitTransmissionOutage_OMSv3_AP SubmitTransmissionOutage_OMSv3_DocAttach_AP | <ul style="list-style-type: none"> Remedial Action Scheme (RAS) Changes <ul style="list-style-type: none"> Modeling for 4 RAS Flags will be modified: RAS/SPS Out of Service, RAS/SPS Reduced Redundancy, Protection Zone, EMS/ICCP Outage API validation changes are to require the submission of these flags for Nature of Work 'COMMUNICATION' or 'RELAY WORK'. API submission will continue to take in a 'Y' or 'N' for these flags. Changes will be made to validate to only v3 services (submit and retrieves) No changes to v2 services No Changes to historical outages | ✓ 8/11/20, v2.1 | 12/18/2020 | 02/15/2021 |

<https://developer.caiso.com>

2020 - System Interface Changes - CCDEBE1 - Pending Activation

| SIBR | | | | | |
|---------|-------------|--|------------|---|--------------------------|
| Project | Change Type | API Service Name & Major Version, Artifacts | MAP Stage | Production | Technical Specifications |
| CCDEBE1 | Modify | RetrieveCleanBidSet_SIBRv5_AP RetrieveCleanBidSet_SIBRv5_DocAttach_AP | ✓ 10/16/19 | ✓ Deploy 3/26/20 Activation 1/1/2021 | 13.2 |
| CCDEBE1 | Modify | RetrieveCurrentBidResults_SIBRv5_AP RetrieveCurrentBidResults_SIBRv5_DocAttach_AP | ✓ 10/16/19 | ✓ Deploy 3/26/20 Activation 1/1/2021 | 13.2 |
| CCDEBE1 | Modify | SubmitRawBidSet_SIBRv5_AP SubmitRawBidSet_SIBRv5_DocAttach_AP | ✓ 10/16/19 | ✓ Deploy 3/26/20 Activation 1/1/2021 | 13.2 |

| CMRI | | | | | | |
|------------------|-------------|---|--|--|---|--------------------------------|
| Project | Change Type | UI | API Service Name & Major Version, Artifacts | MAP Stage | Production | Technical Specifications |
| LMPME CCDEBE1 | Modify | Tab: Default Bids Existing Report: Default Energy Bid Curves | RetrieveDefaultBidCurves_CMRIv2_AP RetrieveDefaultBidCurves_CMRIv2_DocAttach_AP | LMPME ✓ 9/12/19 CCDEBE1 ✓ 11/6/19 | LMPME ✓ 11/13/19 CCDEBE1 ✓ Deploy 3/26/20 Activation 1/1/2021 | 3.9.4 Release Notes 1.2 |
| CCDEBE1 | Modify | Tab: Default Bids Existing Report: Default Commitment Costs | RetrieveExternalDefaultCommitmentCost_CMRIv1_AP RetrieveExternalDefaultCommitmentCost_CMRIv1_DocAttach_AP | ✓ 11/11/19 | ✓ Deploy 3/26/20 Activation 1/1/2021 | 3.9.4 Release Notes 1.2 |

<https://developer.caiso.com>

2020 - System Interface Changes

| CMRI | | | | | |
|---------|-------------|--|--------------------------|-----------|------------|
| Project | Change Type | Summary | Technical Specifications | MAP Stage | Production |
| N/A | Decom | Decommission of deprecated versions | ✓ 8/5/20, v3.9.7 | 11/23/20 | 12/15/20 |
| EIM2020 | New | RetrieveEIMInfeasibility_CMRIv1_AP RetrieveEIMInfeasibility_CMRIv1_DocAttach_AP | ✓ 8/5/20, v3.9.7 | 11/23/20 | 12/15/20 |
| EIM2020 | New | Available Balance Capacity | ✓ 8/5/20, v3.9.7 | 11/23/20 | 12/15/20 |
| EIM2020 | New | RetrieveLoadConforming_CMRIv1_AP RetrieveLoadConforming_CMRIv1_DocAttach_AP | ✓ 8/5/20, v3.9.7 | 11/23/20 | 12/15/20 |
| EIM2020 | New | Advisory Load Conforming | ✓ 8/5/20, v3.9.7 | 11/23/20 | 12/15/20 |

| BSAP | | | | | |
|---------|---------------------------------|---|--------------------------|---------------|------------|
| Project | Change Type | Summary | Technical Specifications | MAP Stage | Production |
| N/A | Modify - XSD minor version only | RetrieveBalancingTestResults_BSAPv2 RetrieveBalancingTestResults_BSAPv2_DocAttach Add minor version 20201001 (currently 20191001) | ✓ 10/23/20, v1.7.5 | November 2020 | TBD |

<https://developer.caiso.com>

Page 25

2020 Fall Release

Fall 2020 Release – Overview

| | BOG | BRS | Config Guide | Tech Spec | Mkt Sim Scenarios | Draft Tariff** | Draft BPMs | Training | Market Sim | Production Activation |
|---|----------|----------------------|---------------------------------|-----------------|-------------------|-----------------|-----------------|----------------------------------|-----------------------------------|-----------------------|
| Fall 2020 Release | | 04/01/20 | 05/29/20 | 05/29/20 | 05/29/20 | 06/26/20 | 07/20/20 | 07/20/20 | Jul 27, 2020 - Sep 4, 2020 | 10/01/20 |
| ADS UI Replacement | N/A | 08/06/18 | N/A | 05/22/20 | 05/29/20 | N/A | 07/23/20 | 06/01/20 06/11/20 07/16/20 | Jul 27, 2020 - Sep 04, 2020 | 10/20/20- 10/21/20 |
| Add'l features activation | | | | | | | | | | 12/16/20 |
| Dispatch Operating Target Tariff Clarification | 07/26/18 | 12/26/18 04/30/20 | N/A | 05/22/20 | 05/29/20 | 09/04/18 | 07/23/20 | 07/16/20 | Jul 27, 2020 - Sep 04, 2020 | 12/16/20 |
| Excess Behind the Meter Production | 11/17/18 | 02/27/20 04/16/20 | 05/28/20 | 05/29/20 | 06/12/20 | 11/04/19 | 07/20/20 | 07/21/20 | Jul 27, 2020 - Sep 18, 2020 | 01/01/21 (TD) |
| Market Settlement Timeline Transformation | 11/14/19 | 02/06/20 | 6/26/20 - Documentation Only | 05/29/20 | 06/12/20 | 5/19/20 | 07/20/20 | 07/20/20 | Jul 27, 2020 - Sep 18, 2020 | 01/01/21 (TD) |

Fall 2020 Release - System Interface Changes - Pending Activation

| OASIS | | | | | |
|---------|-------------|---------------------|--------------------------|-----------|-------------------|
| Project | Change Type | Summary | Technical Specifications | MAP Stage | Production |
| EBTMP | New | ENE_EBTMP_PERF_DATA | ✓ 6/22/20, v5.1.14 | 7/28/20 | Activation 1/1/21 |

| MRI-S | | | | | |
|---------|-------------|--|--------------------------|-----------|-------------------|
| Project | Change Type | Summary | Technical Specifications | MAP Stage | Production |
| EBTMP | Modify | For: - MRIS Meter: Submit Meter & - MRIS Meter: Retrieve Meter additionally include EBtMP measurement type values (as negative load) both Gross Load and EBtMP meter data would associate with same Load Resource ID | ✓ 5/28/20, v2.5 | 7/28/20 | Activation 1/1/21 |

Fall 2020 – ADS Replacement

| Project Info | Details/Date |
|------------------------------|--|
| Application Software Changes | <ul style="list-style-type: none"> • Transition to web-based user interface to eliminate the need to install thick client • Transition ADS provisioning to the Access and Identity Management (AIM) application including Resource Level Access Controls (RACL) access • The query tool will not change in requesting historical data • Various user interface enhancements adding content per Operation's request • ADS B2B services changes |
| BPM Changes | <ul style="list-style-type: none"> • Market Instruments • Market Operations |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|---|-----------------------------|--------|
| Board Approval | Obtain Board of Governors Approval | N/A | |
| External BRS | Post External BRS | Aug 06, 2018 | ✓ |
| ADS Update | ADS Update Meeting | Aug 15, 2018 | ✓ |
| ADS Demonstration | ADS WebEx Demonstration | Apr 16, 2020 | ✓ |
| CPG Meeting | ADS CPG Meeting | Jul 09, 2020 | ✓ |
| Config Guides | Design review - BPM and Tariff SMEs | N/A | |
| Tech Spec | Publish Technical Specifications | May 22, 2020 | ✓ |
| Tariff | Tariff Activities | N/A | |
| BPMs | Post Draft BPM changes | Jul 27, 2020 | ✓ |
| External Training | Provisioning ADS ACL Training | Jun 01, 2020 | ✓ |
| | External Training Part 1 (Application Preview preparation) | Jun 11, 2020 | ✓ |
| | Deliver External Training Part 2 | Jul 16, 2020 | ✓ |
| Market Sim | Market Sim Window | Jul 27, 2020 - Sep 04, 2020 | ✓ |
| Parallel Operations | ADS Parallel Operations | Sep 1, 2020 – Oct 16, 2020 | ✓ |
| Production Activation | ADS Replacement | Oct 20, 2020 - Oct 21, 2020 | ✓ |
| Add'l features | DOTT, Unannounced AS Test, RTCD Commitment, Follow DOT Flag, Operating Instructions | Dec 16, 2020 | |
| Decommission | Old ADS Decommission | Feb 01, 2021 | |

ADS Phase 3: Activation of New Features

- ✓ 10/20: ADS Phase 1: Network
- ✓ 10/20: ADS Phase 2: New ADS UI, API v8 available
- **10/30: Close Stage, End Parallel Operations**
 - MAP-Stage remains available with active features from now on
- **12/16: Activation of New Features**
 - Only available on New ADS UI, API v8
 - DOTT
 - Unannounced AS Test
 - RTCD Commitment
 - Follow DOT Flag
 - Operating Instructions
- 2/1/21: ADS Phase 4: Decommission of Old ADS client, API v6

ADS Phase 3: Activation of New Features

➤ **12/16: Activation of New Features**

- Only available on New ADS UI, API v8
- ISO invites customers to leverage ISO Assisted Customer Cutover lines
 - To transition to new ADS UI, API v8
 - To report transition plans, progress, issues
 - By phone: call 1-866-528-2256, access code: 1465216
 - Dates: 11/4, 11/11, 11/18, skip 11/26 due to holiday, 12/2, 12/9 and 12/16
 - Time: 1300-1400 PT
- Recommendation
 - Run ADS Client and new ADS UI in parallel for validation
 - Cutover to API v8 now, as it provides same functionality as v7

Fall 2020 – Dispatch Operating Target Tariff Clarification

| Project Info | Details/Date |
|------------------------------|--|
| Application Software Changes | <p>Scope: Allow Energy Intermittent Resources (EIRs) to automate their response to operational instructions that require the resource not to exceed their Dispatch Operating Target.</p> <p>Impacted Systems: RTM: Operator can select EIR resources, system to send Operating instruction Flag to ADS ADS: Receive Operating instruction flag for EIRs. Broadcast message to EIRs operator.</p> |
| BPM Changes | Market Instruments Market Operations |
| Tariff Change | Changes tariff language from “Operating Order” to “Operating Instruction” in multiple sections. |

| Milestone Type | Milestone Name | Dates | Status |
|-----------------------|--|-----------------------------|--------|
| Board Approval | Obtain Board of Governors Approval | Jul 26, 2018 | ✓ |
| External BRS | Posted External BRS | Dec 26, 2018 | ✓ |
| | Posted revised External BRS | Apr 30, 2020 | ✓ |
| Config Guides | Design review - BPM and Tariff SMEs | N/A | |
| Tech Spec | Publish Technical Specifications | May 22, 2020 | ✓ |
| Tariff | Draft Tariff | Sep 04, 2018 | ✓ |
| | File Tariff | Oct 29, 2018 | ✓ |
| BPMs | Post Draft BPM changes | Jul 27, 2020 | ✓ |
| External Training | Deliver External Training | Jul 16, 2020 | ✓ |
| Market Sim | Market Sim Window | Jul 27, 2020 - Sep 04, 2020 | ✓ |
| Production Activation | Dispatch Operating Target Tariff Clarification | Dec 16, 2020 | |

2021 Spring Release

Spring 2021 – EIM integrations for BANC Phase 2, TID, PNM, LADWP, and NWE

| Project Info | Details/Date |
|------------------------------|--|
| Application Software Changes | Implementation of BANC Phase 2, TID, PNM, LADWP, and NWE as EIM Entities |
| BPM Changes | EIM BPM will be updated if needed to reflect new modeling scenarios identified during implementation and feedback from BANC Phase 2, TID, PNM, LADWP, and NWE. |
| Market Simulation | December 2020 – January 2021 |
| Parallel Operations | February 2021 – March 2021 |

| Milestone Type | Milestone Name | Dates | | | | | Status |
|---------------------|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|
| | | BANC Phase 2 | TID | PNM | LADWP | NWE | |
| Market Sim | Market Sim Window | 11/3/20 - 1/31/21 | 11/3/20 - 1/31/21 | 11/3/20 - 1/31/21 | 11/3/20 - 1/31/21 | 12/1/20 - 1/31/21 | |
| Parallel Operations | Parallel Operations | 1/27/21 – 3/25/21 | 1/27/21 – 3/25/21 | 1/30/20 – 4/1/21 | 1/30/20 – 4/1/21 | 1/30/20 – 4/1/21 | |
| Tariff | File Readiness Certification | Mar 2021 | | | | | |
| Production | Activation | 3/25/21 | 3/25/21 | 4/1/21 | 4/1/21 | 4/1/21 | |

Stay Informed

Ways to participate in releases

- Visit the Release Planning page
 - <http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>
- Attend meetings
 - Release Users Group (RUG) bi-weekly meetings
 - Initiative status updates
 - System change updates on independent releases
 - Market Simulation calls
 - Visit the ISO calendar at www.caiso.com for meeting dates and times and add events to your calendar
 - Typically held on Mondays and Thursdays
 - Market Performance and Planning Forum
 - Bi-monthly review of market performance issues
 - High level discussion of release planning, implementation and new market enhancements

What to look for on the calendar...

Calendar of Meetings, Training and Events

Month: February Year: 2018 Calendar View List View Print View

| February 2018 | | | | | | |
|---------------|---|--|---|--|--|-----|
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| | <p>Market Sim</p> <p>WebCONF: Market Simulation 2:00pm - 3:00pm</p> | <p>Training: Get to Know the ISO - Day 1 9:00am - 4:00pm</p> <p>WebCONF: Imbalance Conformance Enhancements 10:00am - 12:00pm</p> <p>WebCONF: Technical User Group 10:00am - 11:00am</p> | <p>Deadline: Comments - Interconnection Process Enhancements 2018 - Issue Paper and Meeting Discussion 9:00am - 4:00pm</p> <p>Training: Get to Know the ISO - Day 2 9:00am - 4:00pm</p> <p>Meeting: Flexible Resource Adequacy Criteria Must Offer Obligation Phase 2 - Revised Draft Flexible Capacity Framework 10:00am - 4:00pm</p> <p>WebCONF: Market Settlement User Group 10:00am - 11:00am</p> | <p>Meeting: Audit Committee Teleconference (Executive) 3:30pm - 6:30pm</p> <p>Training: Settlements 101 9:00am - 4:00pm</p> <p>Meeting: 2017-2018 Transmission Planning Process 10:00am - 4:00pm</p> <p>Market Sim</p> <p>WebCONF: Market Simulation 2:00pm - 3:00pm</p> | <p>Training: Settlements 201 9:00am - 4:00pm</p> | |
| 11 | <p>WebCONF: Participating Transmission Owner Per Unit Cost Guides 10:30am - 12:00pm</p> <p>WebCONF: Market Simulation 2:00pm - 3:00pm</p> | <p>Meeting: Congestion Revenue Rights Auction Efficiency 10:00am - 4:00pm</p> <p>Release Users Group (RUG)</p> <p>WebCONF: Release User Group 10:00am - 11:00am</p> <p>Call: Energy Imbalance Market Governing Body Teleconference (Executive) 11:30am - 12:30pm</p> | <p>Deadline: Submissions - April 2018 Monthly Resource Adequacy and Supply Plans 11:00am - 11:30am</p> <p>Call: Congestion Revenue Rights 11:00am - 11:30am</p> <p>WebCONF: Outage Management System Customer Partnership Group 2:00pm - 3:00pm</p> | <p>Deadline: Comments - Review Transmission Access Charge Structure Straw Proposal and Meeting Discussion 3:15pm - 6:00pm</p> <p>Call: Board of Governors Teleconference (General) 9:00am - 10:00am</p> <p>Call: Board of Governors Teleconference (Executive) 9:00am - 10:00am</p> <p>Call: Market Update 10:15am - 11:00am</p> <p>WebCONF: Market Simulation</p> | | |