

# Settlement User Group

May 12, 2021

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

| Web Conference Information   | Conference Call Information  |
|--|------------------------------|
| Web Address: <a href="https://caiso.webex.com/meet/settlementuser">https://caiso.webex.com/meet/settlementuser</a> | US Toll Free: 1-844-517-1271 |
| Meeting Number: 961 854 046  | 00 1011 166. 1-044-317-1271  |
| Audio connection instructions will be available after connecting   | US Toll : 1- 682-268-6591    |
| to the web conference. When prompted, select "Call me" and enter your phone number you will use during the call.   | Access Code: 961 854 046     |

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 publically available on the ISO web page for a limited time following the meeting. The recording, and any related transcriptions, should not be reprinted without the ISO's permission. Hyperlinks in blue in PDF version.

The recording will be posted on our website and be available for a short period of time until May 26, 2021. Please your phone while the discussion is going on in order to eliminate background noise, to unmute press and hold the spacebar to temporarily unmute. Calls are structured to stimulate an honest dialogue and engage different perspectives.

To ask a question after each topic, unmute yourself before asking your question, or enter question on the Ochat

please state your name and affiliation. Thank you.

## Settlement User Group Agenda

Wednesday, May 12, 2021

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

|   | Time          | Topic  | Presenter                                   |
|---|---------------|--|---|
| • | 10:00 – 10:02 | <ul> <li>Welcome and Introduction</li> </ul>                       | ■ Tyler DuBeshter                           |
|   | 10:02 – 11:00 | <ul><li>Settlements</li></ul>                                      |   |
|   |               | <ul> <li>Summer/Q2 2021 Settlement Release</li> </ul>              | <ul><li>Elizabeth Caldwell</li></ul>        |
|   |               | <ul><li>PRR and BPM updates</li></ul>                              | <ul><li>Brenda Corona</li></ul>             |
|   |               | <ul> <li>Market Simulation Summer 2021 Updates</li> </ul>          | <ul><li>Anshuman Vaidya, Trang Vo</li></ul> |
|   |               | <ul> <li>Modified Market Simulation Settlement Timeline</li> </ul> | <ul><li>Assad Al- Baijat</li></ul>          |
|   |               | <ul> <li>Customer Readiness 2021 Training</li> </ul>               | <ul><li>Rashele Wiltzius</li></ul>          |
|   |               |  |   |





#### Summer/Q2 2021 Settlement Release

- Release scope:
  - Projects:
    - Summer 2021 Readiness: Make Whole/Uplift Settlement for Economic Bid Hourly Block Resources with FMM Inc Import or FMM Dec Export.
  - Production defects: None in scope currently
- 1st draft tech docs posted: 4/7
- 1st draft config output file + release component summary + updated tech docs: 4/21
- 2<sup>nd</sup> draft config output file: 5/11
- Market sim in progress: extended, 4/26 Jun 23
  - Conference calls are bi-weekly, Monday + Thursday
  - Stay current thru Release User Group (RUG), every other Tuesday 10-11am
  - Next web conference on 5/4
- Pre-prod configuration output file + release artifacts to post: 6/22
- Anticipated prod deployment: 6/29
  - Configuration effective date: retro, 6/1 to meet system processing requirements
  - Upstream data flow expected: 6/15, uplift would only calc on or after this date
  - Some TD processing may miss T+9 if uplift occurs, will reflect on T+70B



### PRR and BPM Updates

To view all details for the PRRs in the <u>BPM Change Management application</u>

| PRR  | Title  |  | Status for all  |
|------|--|--|---|
| 1335 | Update CC 7020 RMR Capacity Payment BPM to clawback excess revenue when RMR designation is for System TAC Area   | CG CC 7020 Daily<br>RMR Capacity<br>Payment                                    | Recommendation<br>comment period<br>expires on 5/18 will be<br>discussed at the May<br>25 <sup>th</sup> BPM Meeting |
| 1338 | Configuration change to MD over control area calculation applicable to pre and post-excess behind the meter formulas to correctly pass data into 8835 and to properly pro-rate the LAP neutrality allocation.                                      | 12 CGs see PRR form  | Initial comment period<br>expires 5/18<br>PRRs will be discussed<br>during the May 25th                             |
| 1339 | Configuration change to exempt both contracted internal pseudo-ties and resources with valid ETC/TOR contracts from intertie deviation settlement penalty charges calculated under charge code 6456  | CG CC 6456 Intertie<br>Deviation Settlement                                    | BPM meeting   |
| 1350 | Created 6483 Hour-Ahead Scheduling Process Uplift (HASP) Settlement, and 6484 HASP Uplift Settlement Allocation to accommodate the changes as per the Real Time Market Import & Export Market Incentives during Tight System Conditions Initiative | CG CC 6483 HASP Uplift Settlement CG CC 6484 HASP Uplift Settlement Allocation |   |



## Market Simulation Summer 2021 Updates

- Market Simulation Plan -Summer 2021 Release
- Market Simulation Settlements Calendar-Summer 2021 Release

| Summer 2021 Release<br>Initiatives  | Start<br>Date | Start Date<br>(Trade Date)                         | End<br>Date | Structured Simulation Start (Trade Date)                                | Go Live Date                            |
|---|---------------|--|-------------|---|---|
| Summer 2021 Release Market Simulation   | 04/26/21      | 04/26/21   | 05/28/21    | 05/10/21  |   |
| FERC order 831  |               |  |             | 05/25-05/27   | June 15                                 |
| Resource adequacy<br>enhancements track 1<br>Phase 1 – Scenario 1,2<br>Phase 2 – Scenario 3,4,5 |               | Phase 1 – 5/17<br>Phase 2 – 6/14                   |             | Phase 1 - 05/18 & 5/20<br>Phase 2 – 6/15                                | Phase 1 - June 03<br>Phase 2- June 30   |
| Summer 2021 readiness Phase 1 – Scenario 6,7,8 Phase 2 – Scenario 1,2,5 Phase 3 – Scenario 3,4  |               | Phase 1 – 5/20<br>Phase 2 – 5/27<br>Phase 3 – 6/14 |             | Phase 1 – 5/20 & 5/25<br>Phase 2 – 6/01 & 6/03<br>Phase 3 – 6/15 & 6/17 | Phase 1&2 –June 15<br>Phase 3 – June 30 |
| Summer 2021 readiness Export, wheeling, and load scheduling priorities                          | TBD           | TBD  |             | TBD   | By July 15                              |

Web address: <a href="https://caiso.webex.com/meet/MarketSim">https://caiso.webex.com/meet/MarketSim</a>

Meeting number: 962 067 710

Dial-in Number: 844-517-1271 (Toll Free)

International Dial-in: 682-268-6591

Access Code: 962 067 710

|    | May |    |    |    |    |    |  |  |  |  |
|----|-----|----|----|----|----|----|--|--|--|--|
| Su | Мо  | Tu | We | Th | Fr | Sa |  |  |  |  |
|    |     |    |    |    |    | 1  |  |  |  |  |
| 2  | 3   | 4  | 5  | 6  | 7  | 8  |  |  |  |  |
| 9  | 10  | 11 | 12 | 13 | 14 | 15 |  |  |  |  |
| 16 | 17  | 18 | 19 | 20 | 21 | 22 |  |  |  |  |
| 23 | 24  | 25 | 26 | 27 | 28 | 29 |  |  |  |  |
| 30 | 31  |    |    |    |    |    |  |  |  |  |





#### Market Simulation Initiatives – Summer 2021 Updates

- Timeline: April 26 June 17
- FERC order 831
- Structured: May 25, 26, 27 (Buffers dates June 1, 2, 3)
  - Structured Scenarios document -
  - http://www.caiso.com/Documents/MarketSimulationStructuredScenarios-FERCorder831.pdf
  - Business Requirements Specification -
  - http://www.caiso.com/Documents/BusinessRequirementsSpecificationFERC831ImportBiddingMarketParameters.pdf
- Resource adequacy enhancements track 1
- Structured: Phase 1: May 18 & 20, Phase 2: June 15
  - Business Requirements Specification <a href="http://www.caiso.com/Documents/Business-Requirements-Requirements-Requirements-Requirements-Requirements-Requirements-Republication-Resource-Adequacy-Enhancements-Track-1-Clean.pdf">http://www.caiso.com/Documents/Business-Requirements-Requireme
  - Structured Scenarios document http://www.caiso.com/Documents/MarketSimulationResourceAdequacyEnhancementTrack1.pdf
- Summer 2021 readiness
- Structured: Phase 1: May 20 & 25, Phase 2: 1 & 3, Phase 3: June 15 & 17
  - Business Requirements Specification <u>http://www.caiso.com/Documents/BusinessRequirementsSpecificationSummer2021Readiness.pdf</u>
  - Structured Scenarios document http://www.caiso.com/Documents/MarketSimulationStructuredScenariosSummerReadiness2021.pdf



ISO Public

#### Modified Market Simulation Settlement Timeline

- Draft is posted, targeting 4/26
- Expect the standard Tue/Thurs publication routine, but with new timeline + additional statements FERC 831 structured week
- Dates below are subject to change, but overall structure will be similar
  - 4/27 + 4/29: connectivity
  - 5/4 +5/6: connectivity

| Summer 2021 Release Initiatives   | Start Date | Start Date<br>(Trade Date)                         | End Date | Structured Simulation Start (Trade Date)           | Go Live Date       | EZE TO  |
|---|------------|--|----------|--|--------------------|---|
| Summer 2021 Release Market Simulation   | 04/26/21   | 04/26/21   | 05/28/21 | 05/10/21   |                    |   |
| FERC order 831  |            |  |          | 05/25-05/27  | June 15            | 05/18 & 05/20   |
| Resource adequacy enhancements track  1 Phase 1 – Scenario 1,2,3 Phase 2 – Scenario 4,5           |            |  |          | Phase 1 - 5/18 and 5/20  Phase 2 - 6/15            | June 15            | Phase 1 - 5/13,5/14 Phase 2 - 06/08                   |
| Summer 2021 readiness  Phase 1 – Scenario 6,7,8  Phase 2 – Scenario 1,2,5  Phase 3 – Scenario 3,4 |            | Phase 1 – 5/20<br>Phase 2 – 5/27<br>Phase 3 – 6/11 |          | Phase 1 – 5/25<br>Phase 2 – 6/03<br>Phase 3 – 6/15 | Phase 1&2 –June 15 | Phase 1 - 05/13<br>Phase 2 - 05/20<br>Phase 3 - 06/08 |

- Three trade dates for the first week of structured scenarios TD 5/25, 5/26 and 5/27
- Modified settlement timeline the will show:
  - Move Meter Data Initial T+3B to T+2B
  - Move Publishing Initial T+6B to T+5B
  - Move Meter Data Recalc T+6B to T+5B
  - Move Publishing Recalc T+9B to T+8B



#### **Market Simulation Calendar**

## California ISO

#### Summer 2021 Release Calendar (MAP STAGE)

Apr 26, 2021 through Jun 23, 2021

| Calendar<br>Day | Day       | CMRI<br>T+1B | Submit Meter Data<br>by T+2B 10:00 AM for<br>Initial | Publish Initial Statement<br>T+5B | Submit Meter Data<br>by T+5B 18:00 for Recalc | Publish Recalc Statement<br>T+8B | Publish Market Invoice  |
|-----------------|-----------|--------------|--|-----------------------------------|---|----------------------------------|---|
|                 |           |              |  | T+9B                              |   | T+70B                            |   |
| 26-Apr-21       | Monday    |              |  |                                   |   |                                  |   |
| 27-Apr-21       | Tuesday   |              |  |                                   |   |                                  |   |
| 28-Apr-21       | Wednesday | 27-Apr       |  |                                   |   |                                  |   |
| 29-Apr-21       | Thursday  |              | 27-Apr   |                                   |   |                                  |   |
| 30-Apr-21       | Friday    | 29-Apr       |  |                                   |   |                                  |   |
| 01-May-21       | Saturday  |              |  |                                   |   |                                  |   |
| 02-May-21       | Sunday    |              |  |                                   |   |                                  |   |
| 03-May-21       | Monday    |              | 29-Apr   |                                   |   |                                  |   |
| 04-May-21       | Tuesday   |              |  | 27-Apr                            | 27-Apr  |                                  |   |
| 05-May-21       | Wednesday | 4-May        |  |                                   |   |                                  |   |
| 06-May-21       | Thursday  |              | 4-May  | 29-Apr                            | 29-Apr  |                                  |   |
| 07-May-21       | Friday    | 6-May        |  | Monthly Initial 27-Apr -29-Apr    |   | 27-Apr                           | Daily Initial 27-Apr; 29-Apr<br>Monthly Initial 27-Apr - 29-Apr |
| 08-May-21       | Saturday  |              |  |                                   |   |                                  |   |
| 09-May-21       | Sunday    |              |  |                                   |   |                                  |   |
| 10-May-21       | Monday    |              | 6-May  |                                   |   |                                  |   |
| 11-May-21       | Tuesday   |              |  | 4-May                             | 4-May   | 29-Apr                           |   |
| 12-May-21       | Wednesday | 11-May       |  |                                   |   | Monthly Recalo 27-Apr -29-Apr    | Daily Recalc 27-Apr; 29-Apr<br>Monthly Recalc 27-Apr - 29-Apr   |
| 13-May-21       | Thursday  |              | 11-May   | 6-May                             | 6-May   |                                  |   |
| 14-May-21       | Friday    | 13-May       |  | Monthly Initial 4-May -6-May      |   | 4-May                            | Daily Initial 4-May; 6-May<br>Monthly Initial 4-May - 6-May     |
| 15-May-21       | Saturday  |              |  |                                   |   |                                  |   |
| 16-May-21       | Sunday    |              |  |                                   |   |                                  |   |
| 17-May-21       | Monday    |              | 13-May   |                                   |   |                                  |   |
| 18-May-21       | Tuesday   |              |  | 11-May                            | 11-May  | 6-May                            |   |
| 19-May-21       | Wednesday | 18-May       |  |                                   |   | Monthly Recalc 4-May -6-May      | Daily Recalc 4-May; 6-May<br>Monthly Recalc 4-May - 6-May       |
| 20-May-21       | Thursday  |              | 18-May   | 13-May                            | 13-May  |                                  |   |
| 21-May-21       | Friday    | 20-May       |  | Monthly Initial 11-May -13-May    |   | 11-May                           | Daily Initial 11-May; 13-May<br>Monthly Initial 11-May - 13-May |



## Market Simulation Calendar (cont'd)

## California ISO

#### Summer 2021 Release Calendar (MAP STAGE)

Apr 26, 2021 through Jun 23, 2021

|                 |           |                 |  |                                   | ough Jun 25, 202                              |                                  |   |
|-----------------|-----------|-----------------|--|-----------------------------------|---|----------------------------------|---|
| Calendar<br>Day | Day       | CMRI<br>T+1B    | Submit Meter Data<br>by T+2B 10:00 AM for<br>Initial | Publish Initial Statement<br>T+5B | Submit Meter Data<br>by T+5B 18:00 for Recalc | Publish Recalc Statement<br>T+8B | Publish Market Invoice  |
|                 |           |                 |  | T+9B                              |   | T+70B                            |   |
| 24-May-21       | Monday    |                 | 20-May   |                                   |   |                                  |   |
| 25-May-21       | Tuesday   |                 |  | 18-May                            | 18-May  | 13-May                           |   |
| 26-May-21       | Wednesday | 25- <b>M</b> ay |  |                                   |   | Monthly Recalc 11-May -13-May    | Daily Recalc 11-May; 13-May<br>Monthly Recalc 11-May - 13-May           |
| 27-May-21       | Thursday  | 26- <b>M</b> ay | 25-May   | 20-May                            | 20-May  |                                  |   |
| 28-May-21       | Friday    | 27-May          | 26- <b>M</b> ay                                      | Monthly Initial 18-May -20-May    | ,   | 18-May                           | Daily Initial 18-May; 20-May<br>Monthly Initial 18-May - 20-May         |
| 29-May-21       | Saturday  |                 |  |                                   |   |                                  |   |
| 30-May-21       | Sunday    |                 |  |                                   |   |                                  |   |
| 31-May-21       | Monday    |                 |  |                                   | CASIO Holiday                                 |                                  |   |
| 01-Jun-21       | Tuesday   |                 | 27-May   |                                   |   |                                  |   |
| 02-Jun-21       | Wednesday | 1-Jun           |  | 25-May                            | 25-May  | 20-May                           |   |
| 03-Jun-21       | Thursday  |                 | 1-Jun  | 26-May                            | 26- <b>M</b> ay                               | Monthly Recalc 18-May -20-May    | Daily Recalc 18-May; 20-May<br>Monthly Recalc 18-May - 20-May           |
| 04-Jun-21       | Friday    | 3-Jun           |  | 27-May                            | 27-May  |                                  |   |
| 05-Jun-21       | Saturday  |                 |  |                                   |   |                                  |   |
| 06-Jun-21       | Sunday    |                 |  |                                   |   |                                  |   |
| 07-Jun-21       | Monday    |                 | 3-Jun  | Monthly Initial 25-May -27-May    |   | 25 <b>-M</b> ay                  | Daily Initial 25-May; 26-May; 27-May<br>Monthly Initial 25-May – 27-May |
| 08-Jun-21       | Tuesday   |                 |  | 1-Jun                             | 1-Jun   | 26-May                           |   |
| 09-Jun-21       | Wednesday | 8-Jun           |  |                                   |   | 27-May                           |   |
| 10-Jun-21       | Thursday  |                 | 8-Jun  | 3-Jun                             | 3-Jun   | Monthly Recalc 25-May -27-May    | Daily Recalc 25-May; 26-May; 27-May<br>Monthly Recalc 25-May - 27-May   |
| 11-Jun-21       | Friday    | 10-Jun          |  | Monthly Initial 01-Jun -03-Jun    |   | 1-Jun                            | Daily Initial 01-Jun; 03-Jun<br>Monthly Initial 01-Jun -03-Jun          |



## Market Simulation Calendar (cont'd)

## California ISO

#### Summer 2021 Release Calendar (MAP STAGE)

Apr 26, 2021 through Jun 23, 2021

|                 |           |              |  | Apr 20, 2021 th                   | rougn Jun 23, 2021                            |   |  |
|-----------------|-----------|--------------|--|-----------------------------------|---|---|--|
| Calendar<br>Day | Day       | CMRI<br>T+1B | Submit Meter Data<br>by T+2B 10:00 AM for<br>Initial | Publish Initial Statement<br>T+5B | Submit Meter Data<br>by T+5B 18:00 for Recalc | Publish Recalc Statement<br>T+8B        | Publish Market Invoice   |
|                 |           |              |  | T+9B                              |   | T+70B                                   |  |
| 14-Jun-21       | Monday    |              | 10-Jun   |                                   |   |   |  |
| 15-Jun-21       | Tuesday   |              |  | 8-Jun                             | 8-Jun   | 3-Jun                                   |  |
| 16-Jun-21       | Wednesday | 15-Jun       |  |                                   |   | Monthly Recalc 01-Jun -03-Jun           | Daily Recalc 01-Jun; 03-Jun<br>Monthly Recalc 01-Jun -03-Jun   |
| 17-Jun-21       | Thursday  |              | 15-Jun   | 10-Jun                            | 10-Jun  |   |  |
| 18-Jun-21       | Friday    | 17-Jun       |  | Monthly Initial 08-Jun -10-Jun    |   | 8-Jun                                   | Daily Initial 08-Jun; 10-Jun<br>Monthly Initial 08-Jun -10-Jun |
| 19-Jun-21       | Saturday  |              |  |                                   |   |   |  |
| 20-Jun-21       | Sunday    |              |  |                                   |   |   |  |
| 21-Jun-21       | Monday    |              | 17-Jun   |                                   |   |   |  |
| 22-Jun-21       | Tuesday   |              |  | 15-Jun                            | 15-Jun  | 10-Jun                                  |  |
| 23-Jun-21       | Wednesday | 22-Jun       |  |                                   |   | Monthly Recalo 08-Jun -10-Jun           | Daily Recalc 08-Jun; 10-Jun<br>Monthly Recalc 08-Jun -10-Jun   |
| 24-Jun-21       | Thursday  |              | 22-Jun   | 17-Jun                            | 17-Jun  |   |  |
| 25-Jun-21       | Friday    |              |  | Monthly Initial 15-Jun -17-Jun    |   | 15-Jun                                  | Daily Initial 15-Jun; 17-Jun<br>Monthly Initial 15-Jun -17-Jun |
| 26-Jun-21       | Saturday  |              |  |                                   |   |   |  |
| 27-Jun-21       | Sunday    |              |  |                                   |   |   |  |
| 28-Jun-21       | Monday    |              |  |                                   |   |   |  |
| 29-Jun-21       | Tuesday   |              |  | 22-Jun                            |   | 17-Jun<br>Monthly Recalc 15-Jun -17-Jun | Daily Recalc 15-Jun; 17-Jun<br>Monthly Recalc 15-Jun -17-Jun   |
| 30-Jun-21       | Wednesday |              |  |                                   |   |   |  |
| 01-Jul-21       | Thursday  |              |  |                                   |   |   |  |
| 02-Jul-21       | Friday    |              |  |                                   |   |   |  |



#### ISO <u>Instructor-Led</u> Training Sessions

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

| Training Courses and workshops                | Date and time                    |
|---|----------------------------------|
| FERC 831 Market Simulation Scenarios Training | May 18, 2021<br>(11am – 12pm)    |
| Intro to ISO Workshop (Virtual workshop)      | June 8 - 9, 2021<br>(9am-12pm)   |
| Market Transactions (Virtual workshop)        | June 15 -16, 2021<br>(9am-12pm)  |
| ISO Settlements (Virtual workshop)            | June 22 - 23, 2021<br>(9am-12pm) |

All Summer Readiness related training webinar recordings are now available on <u>www.caiso.com</u> in the Learning Center and on the Summer Readiness release page.





### ISO <u>Computer Based</u> Training Programs

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

#### **Computer Based Training – Settlements**

There are more than 30 computer based training modules on the ISO website covering:

| RC Settlements  | http://www.caiso.com/CBT/RC-Settlements/rc-settlements.html#/  |  |  |  |
|---|--|--|--|--|
| Energy Settlements Validation Practice  | http://www.caiso.com/CBT/EnergySettlementsValidation/story.html  |  |  |  |
| Settlement Validation Practice  | http://www.caiso.com/CBT/Settlements%20Validation%20Practice/story_html5.html                              |  |  |  |
| Commitment Costs  | http://www.caiso.com/CBT/CommitmentCosts-CBT/story.html  |  |  |  |
| Settlements foundational concepts (EIM)   | https://www.westerneim.com/CBT/Settlements%20Foundational%20Concepts/Settlements-FoundationalConcepts.html |  |  |  |
| Metering Overview   | http://www.caiso.com/CBT/MeteringOverview/MeteringOverview.html  |  |  |  |
| Settlements Process   | http://www.caiso.com/CBT/SettlementsProcess/story_html5.html   |  |  |  |
| Market Pricing  | http://www.caiso.com/CBT/Market-Pricing/story.html   |  |  |  |
| New initiatives training course on the learning center web page and retooling Settlements trainings |  |  |  |  |





#### **Settlement Corner**

| <b>Upcoming Topics</b>                | <b>Previous Topics</b>   | Published Knowledge Articles   |
|---------------------------------------|--|--|
| Summer Settlement<br>Release Projects | <ul> <li>Storage- <u>Link</u></li> <li>Bid Cost Recovery - <u>Link</u></li> <li>FERC 841- requested adjustments - <u>Link</u></li> <li>Renewable and energy storage - <u>Link</u></li> <li>Fall Release Projects - <u>Link</u></li> <li>Transportation electrification and micro grids <u>Link</u></li> <li>Hybrid Resource Phase 1b - <u>Link</u></li> <li>Real Time Settlement Review <u>Link</u></li> </ul> | <ul> <li>RC Informational Statement</li> <li>After-the-Fact EIM Manual Dispatches from ISO systems</li> <li>Validate Mitigated prices in DA, RTPD (FMM) and RTD</li> <li>Calculation of meter data for TG resources</li> <li>Energy Transfer System Resource (ETSR)</li> <li>Pricing node (Pnode) price used for CRR Settlement</li> </ul> |

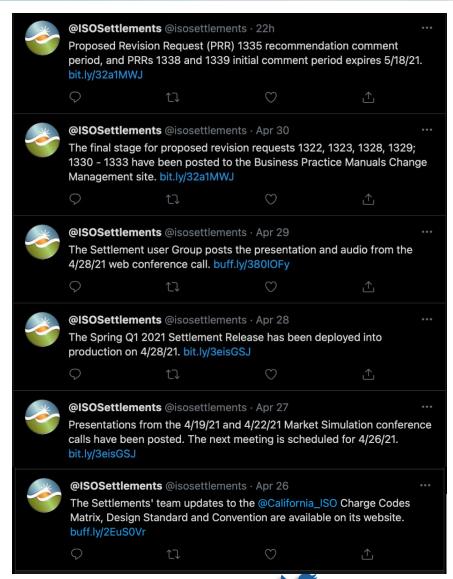


topics to us at twitter.com/isosettlements.com



#### Recent Tweets





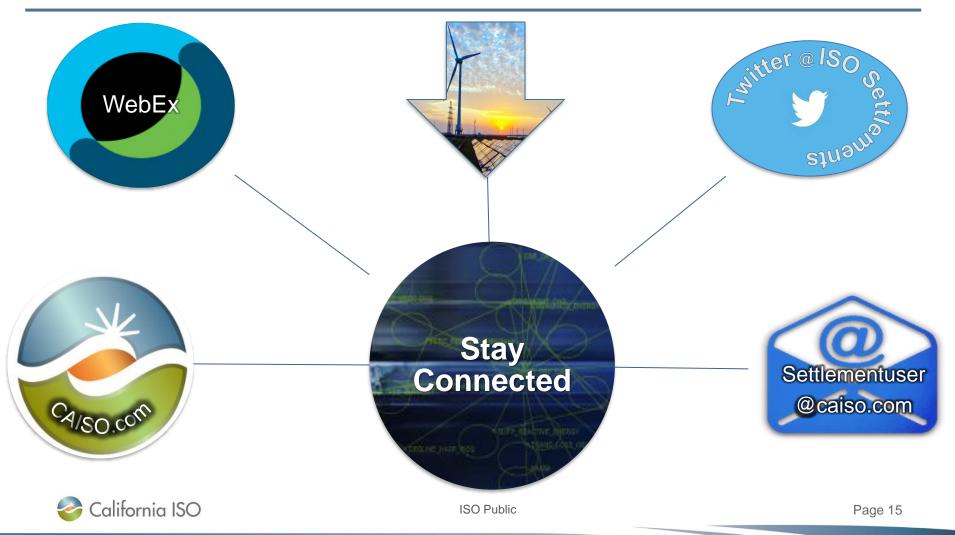
https://twitter.com/ISOSettlements



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# Next SUG Meeting: May 26, 2021

at 10:00 A.M



#### Settlement References

- Settlement User Group Calendar 2021
- Market Simulation New URLs For MapStage
- Knowledge Articles
- ISO Settlements Twitter Page
- Ways to Participate in Settlements



# Settlement User Group Calendar 2021

Market Services

Settlement User Group Meetings

Note: dates subject to change; for the latest information please visit the Calendar on www.caiso.com and follow us on Twitter @ISOSettlements

| January |    |    |    |    |    |    |  |
|---------|----|----|----|----|----|----|--|
| Su      | Мо | Tu | We | Th |    | Sa |  |
|         |    |    |    | 7  | 1  | 2  |  |
| 3       | 4  | 5  | 6  | 7  | 8  | 9  |  |
| 10      | 11 | 12 | 13 |    | 15 | 16 |  |
| 17      | 18 | 4  | 20 | 1  | 22 | 23 |  |
| 24      | 25 | 26 |    | 28 | 29 | 30 |  |
| 31      |    |    | •  | 5  |    |    |  |

| February |    |    |            |    |    |    |  |  |
|----------|----|----|------------|----|----|----|--|--|
| Su       | Мо | Tu | We         | Th | Fr | Sa |  |  |
|          | 1  | 2  | 3          |    | 5  | 6  |  |  |
| 7        | 8  | 9  | 10         |    | 12 | 13 |  |  |
| 14       | 15 | 16 | 17         | 18 | 19 | 20 |  |  |
| 21       | 22 | 23 | 24         | 25 | 26 | 27 |  |  |
| 28       | ,  |    | $\sqrt{I}$ |    |    |    |  |  |
|          |    | ,  |            |    |    |    |  |  |

| March |    |    |    |    |    |    |  |
|-------|----|----|----|----|----|----|--|
| Su    | Мо | Tu | We | Th | Fr | Sa |  |
|       | 1  | 2  | 3  | 4  | 5  | 6  |  |
| 7     | 8  | 9  | 10 |    | 12 | 13 |  |
| 14    | 15 | 16 | 17 | 18 | 19 | 20 |  |
| 21    | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 28    | 29 | 3  | 7  |    |    |    |  |
|       |    |    |    |    |    |    |  |

|    | April |    |     |    |    |    |  |  |  |
|----|-------|----|-----|----|----|----|--|--|--|
| Su | Мо    | Tu | We  |    | Fr | Sa |  |  |  |
|    |       |    | 4   |    | 2  | 3  |  |  |  |
| 4  | 5     | 6  | 7   | 8  | 9  | 10 |  |  |  |
| 11 | 12    | 13 | 3/  | 15 | 16 | 17 |  |  |  |
| 18 | C     | 20 | T E | 22 | 23 | 24 |  |  |  |
| 25 | 26    | 1  | 28  | 29 | 30 |    |  |  |  |
|    |       |    |     |    |    |    |  |  |  |

California ISO

| May |    |    |    |    |    |    |  |
|-----|----|----|----|----|----|----|--|
| Su  | Мо | Tu | We | Th | Fr | Sa |  |
|     |    |    |    |    |    | 1  |  |
| 2   | 3  | 4  | 5  | 6  | 7  | 8  |  |
| 9   | 10 | 11 | 12 | 13 | 14 | 15 |  |
| 16  | 17 | 18 | 10 | 20 | 21 | 22 |  |
| 23  | 24 | 25 | 26 | 27 | 28 | 29 |  |
| 30  | 31 |    |    |    |    |    |  |

| June |    |    |    |    |     |    |  |
|------|----|----|----|----|-----|----|--|
| Su   | Мо | Tu | We | Th | Fr  | Sa |  |
|      |    | 1  | 2  | 3  | 4   | 5  |  |
| 6    | 7  | 8  | 9  | 10 | 11  | 12 |  |
| 13   | 14 | 15 | 16 | 17 | 18  | 19 |  |
| 20   | 21 | 22 | 23 | 24 | 25  | 26 |  |
| 27   | 28 | 29 | 30 |    |     |    |  |
|      |    |    |    |    | , i |    |  |

|    | July |    |    |    |    |    |  |
|----|------|----|----|----|----|----|--|
| Su | Мо   | Tu | We | Th | Fr | Sa |  |
|    |      |    |    | 1  | 2  | 3  |  |
| 4  | 5    | 6  | 7  | 8  | 9  | 10 |  |
| 11 | 12   | 13 | 14 | 15 | 16 | 17 |  |
| 18 | 19   | 20 | 21 | 22 | 23 | 24 |  |
| 25 | 26   | 27 | 28 | 29 | 30 | 31 |  |
|    |      |    |    |    |    |    |  |

| August |    |    |    |    |    |    |  |  |
|--------|----|----|----|----|----|----|--|--|
| Su     | Мо | Tu | We | Th | Fr | Sa |  |  |
| 1      | 2  | 3  | 4  | 5  | 6  | 7  |  |  |
| 8      | 9  | 10 | 11 | 12 | 13 | 14 |  |  |
| 15     | 16 | 17 | 18 | 19 | 20 | 21 |  |  |
| 22     | 23 | 24 | 25 | 26 | 27 | 28 |  |  |
| 29     | 30 | 31 |    |    |    |    |  |  |
|        |    |    |    |    |    |    |  |  |

|    | September |    |    |    |    |    |  |  |
|----|-----------|----|----|----|----|----|--|--|
| Su | Мо        | Tu | We | Th | Fr | Sa |  |  |
|    |           |    | 1  | 2  | 3  | 4  |  |  |
| 5  | 6         | 7  | 8  | 9  | 10 | 11 |  |  |
| 12 | 13        | 14 | 15 | 16 | 17 | 18 |  |  |
| 19 | 20        | 21 | 22 | 23 | 24 | 25 |  |  |
| 26 | 27        | 28 | 29 | 30 |    |    |  |  |
|    |           |    |    |    |    |    |  |  |

|    | October |    |    |    |    |    |  |  |
|----|---------|----|----|----|----|----|--|--|
| Su | Мо      | Tu | We | Th | Fr | Sa |  |  |
|    |         |    |    |    | 1  | 2  |  |  |
| 3  | 4       | 5  | 6  | 7  | 8  | 9  |  |  |
| 10 | 11      | 12 | 13 | 14 | 15 | 16 |  |  |
| 17 | 18      | 19 | 20 | 21 | 22 | 23 |  |  |
| 24 | 25      | 26 | 27 | 28 | 29 | 30 |  |  |
| 31 |         |    |    |    |    |    |  |  |

|    | November |    |    |    |    |    |  |  |
|----|----------|----|----|----|----|----|--|--|
| Su | Мо       | Tu | We | Th | Fr | Sa |  |  |
|    | 1        | 2  | 3  | 4  | 5  | 6  |  |  |
| 7  | 8        | 9  | 10 | 11 | 12 | 13 |  |  |
| 14 | 15       | 16 | 17 | 18 | 19 | 20 |  |  |
| 21 | 22       | 23 | 24 | 25 | 26 | 27 |  |  |
| 28 | 29       | 30 |    |    |    |    |  |  |
|    |          |    |    |    |    |    |  |  |

|    | December |    |    |    |    |    |  |  |  |
|----|----------|----|----|----|----|----|--|--|--|
| Su | Мо       | Tu | We | Th | Fr | Sa |  |  |  |
|    |          |    | 1  | 2  | 3  | 4  |  |  |  |
| 5  | 6        | 7  | 8  | 9  | 10 | 11 |  |  |  |
| 12 | 13       | 14 | 15 | 16 | 17 | 18 |  |  |  |
| 19 | 20       | 21 | 22 | 23 | 24 | 25 |  |  |  |
| 26 | 27       | 28 | 29 | 30 | 31 |    |  |  |  |
|    |          |    |    |    |    |    |  |  |  |

Meeting

Agenda posted

Holiday

## Market Simulation New URLs – For MapStage

- https://sibr.map.caiso.com
- <a href="https://bsap.map.caiso.com">https://bsap.map.caiso.com</a>
- https://rcbsap.map.caiso.com
- https://baaop.map.caiso.com



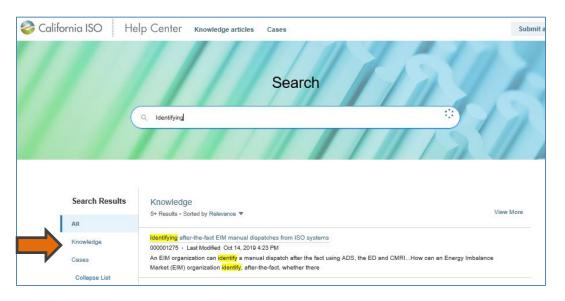
#### **Knowledge Articles**

CAISO has posted **Knowledge Articles** for FAQs in CIDI.

To access the articles in CIDI, you either:

**Option 1**: Type in the keyword "**Identify**" in the search field to pull up the article, or

**Option 2:** Click on the **Knowledge Articles** tab, and then click the **Settlements and Metering** category link to pull up a list of the Settlements related articles.



#### **Posted Knowledge Articles to date:**

- RC rate location
- RC Informational Statement
- RC services charge
- 2019 prorated RC charge
- Payment calendar
- ED-DPMIN
- After-the-Fact EIM Manual Dispatches from ISO systems
- Validate Mitigated prices in DA, RTPD (FMM) and RTD
- Calculation of meter data for TG resources
- Pricing node (Pnode) price used for CRR Settlement
- In relation to the Day-Ahead Nodal Pricing Model, the California ISO has posted a Market Analysis report to its website for market participant review. Nodal Pricing Model Report v1



#### **ISO Settlements Twitter**

- Settlement related updates
- Market sim updates
- Note: Will not replace any existing media communications
- Please take the opportunity to follow <u>@ISOSettlements on Twitter</u> by downloading the Twitter application to **any mobile device**
- Twitter feed can be accessed on any web browser
- No account required to view the Twitter feed and posts
- Save twitter page as a 'Favorite' on your tab







#### Ways to participate in settlements

- ISO Settlements Twitter Page
  - https://twitter.com/isosettlements
- Visit the Settlements page
  - http://www.caiso.com/market/Pages/Settlements/Default.aspx
- Attend web conference meetings
  - Settlement User Group (SUG) bi-weekly meetings
    - Release User Group
    - Market Sim Conference Calls
    - Initiative status with settlement updates
    - http://www.caiso.com/StakeholderProcesses/
    - System change with settlement updates on independent releases
- BPM Change Management monthly web meeting
  - Settlement and Billing BPM status updates
  - http://bpmcm.caiso.com/Pages/default.aspx
  - http://www.caiso.com/rules/Pages/BusinessPracticeManuals/Default.aspx
  - http://www.caiso.com/Documents/ISO-AcronymList.pdf



# Settlement User Group

Thank you for participating in our call



Follow us on Twitter @ISO Settlements

