



BPM Change Management Meeting

Radha Madrigal

Lead Client Trainer

BPM_CM@caiso.com


March 22, 2022

The information contained in these materials is provided for general information only and does not constitute legal or regulatory advice. The ultimate responsibility for complying with the ISO FERC Tariff and other applicable laws, rules or regulations lies with you. In no event shall the ISO or its employees be liable to you or anyone else for any decision made or action taken in reliance on the information in these materials.

Housekeeping reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- Meeting is structured to stimulate honest dialogue and engage different perspectives.
- Please keep comments professional and respectful.

New instructions for raising your hand to ask a question

- If you are connected to audio through your computer or used the “call me” option, select the raise hand icon  above the chat window located on bottom right corner of the screen. **Note:** #2 only works if you dialed into the meeting.
- Please remember to state your name and affiliation before making your comment.
- If you need technical assistance during the meeting, please send a chat to the event producer.

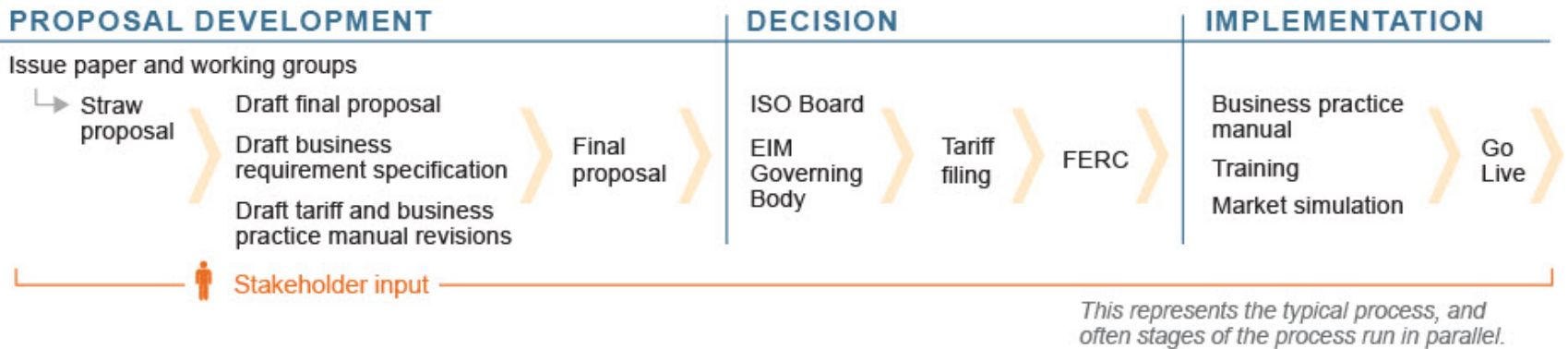
Agenda – BPM Change Management Meeting

March 22, 2022

Topic	Presenter
Introduction / Meeting Overview	Radha Madrigal
Discussion of active proposed changes: Market Operations Market Instruments Reliability Requirements Settlements and Billing Transmission Planning Process	Michael Martin Michael Martin Melanie Bogen Massih Ahmadi Catalin Micsa
Wrap-Up and Next Steps	Radha Madrigal

BPM Change Management Process
BPM_CM@caiso.com

California ISO Stakeholder Initiative Process



- Business Practice Manuals
 - The purpose of BPMs is to set forth business practices that implement the ISO tariff.
 - The ISO conducts a yearly policy initiative roadmap process to consider and rank initiatives.
 - *Policy changes submitted through the PRR process will be referred to the policy initiative road map process.*
 - Each subject area in a BPM is based on enabling language in the ISO tariff.
 - *The PRR process cannot be used to introduce changes that are not supported by existing tariff authority.*

Market Operations BPM

PRR	PRR Title	Stage
1411	Update to penalty prices used to determine when the security constrained unit commitment and security constrained economic dispatch software will relax an enforced transmission constraint	Initial
1406	Activation of minimum constraint in real time dispatch	Initial
1404	Market operations BPM edits related to energy storage and distributed energy resources phase 4 cleanup	Recommendation
1403	Treatment of expected energy for non-participating energy imbalance market resources	Recommendation

PRR 1411: Update to penalty prices used to determine when the security constrained unit commitment and security constrained economic dispatch software will relax an enforced transmission constraint

- Reason for revision
 - BPM changes that mirror changes to Tariff section 27.4.3.2.1 to update Scheduling parameters, or penalty prices, which are used to determine when the SCUC and SCED software will relax an enforced Transmission Constraint rather than adjust Supply or Demand bids or Non-priced Quantities as specified in Sections 31.3.1.3, 31.4 and 34.12 to relieve Congestion on the constrained facility.
 - This BPM changes align with the changes proposed in the Adjustment to intertie penalty prices policy initiative. The objective is to ensure the market does not overschedule interties in RUC or RTM. Additional penalty prices are also changed in RTM to preserve the relative scheduling priority in the market optimization
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

PRR 1406: Activation of minimum constraint in real time dispatch

- Reason for revision
 - This is to activate a minimum constraint in the real-time dispatch (five minute) market. Currently, this constraint is used only in the fifteen minute market and with this activation, the RTD market will consistently have the same constraint. This constraint ensures that CAISO balancing area has a minimum requirement to procure flexible ramping capacity in the real-time markets.
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

PRR 1404 – Market operations BPM edits related to energy storage and distributed energy resources phase 4 cleanup

- Reason for revision
 - Clean-up edits related to ESDER4 initiative that was implemented few months ago. The scope of the edits are as follows: 1. Edits to remove multiple instances of the same information for ease of revision control. 2. Miscellaneous clean-up edits that were identified after the initial PRRs for ESDER4 were posted. 3. Additional information and examples of EOH SOC management.
- Recommendation comments: None
- Recommendation comment period expired: March 15, 2022
- Next step: Post Final Decision

PRR 1403 – Treatment of expected energy for non-participating energy imbalance market resources

- Reason for revision
 - Changes to the treatment of expected energy for non-participating EIM resources, as the current language reflects the implementation per the original EIM program. The revised language reflects a change made in the EIM year 1 project implementation.
- Recommendation comments: None
- Recommendation comment period expired: March 15, 2022
- Next step: Post Final Decision

Market Instruments BPM

PRR	PRR Title	Stage
1405	Market instruments BPM edits related to energy storage and distributed energy resources phase 4 cleanup	Recommendation
1402	Updates to after-market cost recovery and reference level calculator change requests for Extremely Long Start resources	Recommendation

PRR 1405 – Market instruments BPM edits related to energy storage and distributed energy resources phase 4 cleanup

- Reason for revision
 - Clean-up edits related to ESDER4 initiative that was implemented few months ago. The scope of the edits are as follow: Revising language to remove the criteria of a resource’s ultimate parent company being a net buyer from the “safe harbor” mitigation exemption for small storage resources (under 5 MW).
- Recommendation comments: None
- Recommendation comment period expired: March 15, 2022
- Next step: Post Final Decision

PRR 1402 – Updates to after-market cost recovery and reference level calculator change requests for Extremely Long Start resources

- Reason for revision
 - Updates Attachment O to clarify aspects of the after-market cost recovery process and reference level change requests for Extremely Long Start resources. Also includes numerous minor editorial changes.
- Recommendation comments: N/A
- Recommendation comment period: PRR was placed on hold for March, will open for April Comment period
- Next step: Post Recommendation

Reliability Requirements BPM

PRR	PRR Title	Stage
1408	Implementation of the outcome resulting from the maximum import capability	Initial

PRR 1408: Implementation of the outcome resulting from the maximum import capability

- Reason for revision
 - Changes are required in order to implement the outcome of the MIC Enhancements stakeholder process immediately upon FERC approval.
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

Settlements and Billing BPM

PRR	PRR Title	Stage
1410	Update configuration guides to reflect joint-owned units pilot initiative settlement	Initial
1409	Update configuration guides to reflect fix to reliability must run adjustments for startup cost	Initial

PRR 1410: Update configuration guides to reflect joint-owned units pilot initiative settlement

- Reason for revision
 - The Settlement configuration changes will support the Joint-Owned Units Pilot project. It will allow the settlement of joint ownership of physical resources by two WEIM entities, specifically, the Public Service Company of New Mexico (PNM) and the Tucson Electric Company (TEP).
 - Configuration guides as listed above have been updated for documentation to reflect the changes.
 - The changes are to be deployed around 4/27/2022. The effective date will be Trade Date 5/3/2022.
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

PRR 1409: Update configuration guides to reflect fix to reliability must run adjustments for startup cost

- Reason for revision
 - A dispute uncovered an issue with the formulation for the RMR adjustments for startup that duplicated adjustments when two or more markets are covered by a single commitment period. The fix applies the correct single adjustment per commitment period for startup across the different markets.
 - Configuration guides as listed above have been updated for documentation to reflect the changes.
 - The changes are to be deployed around 5/25/2022. The effective date will be Trade Date 2/1/2021.
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

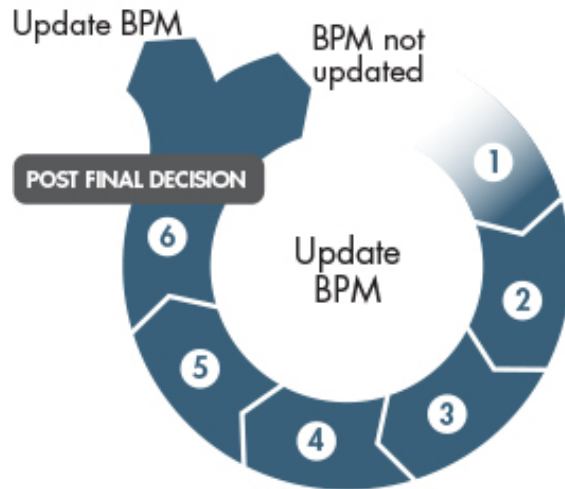
Transmission Planning Process BPM

PRR	PRR Title	Stage
1407	Implementation of the outcome resulting from the maximum import capability	Initial

PRR 1407: Implementation of the outcome resulting from the maximum import capability

- Reason for revision
 - Implementation of the outcome resulting from the Maximum Import Capability (MIC) Enhancements stakeholder process.
 - Update to include Maximum Import Capability expansion requests in sections 3.2.2. and 3.2.6.
- Initial Comments: None
- Initial comment period expired: March 15, 2022
- Next step: Post Recommendation

Next BPM PRR Review Monthly Meeting: April 26, 2022 @ 11 a.m.



- 1 SUBMIT PRR**
Proposed Revision Request (PRR) submitted to the ISO
- 2 COMMENTS PERIOD**
Upon ISO acceptance, PRR becomes public and 10-business day comment period starts
- 3 STAKEHOLDER MEETING**
PRR details and comments reviewed and discussed
- 4 RECOMMENDATION**
ISO recommendation issued on PRR
- 5 COMMENTS ON RECOMMENDATION**
10-business day comment period open on recommendation
- 6 STAKEHOLDER MEETING ON RECOMMENDATION**
PRR recommendation and comments reviewed

BPM change management
process questions:
Nicole Hines
BPM_CM@caiso.com