



# BPM Change Management Meeting

Julia Payton

BPM Change Management Process Administrator

[BPM\\_CM@caiso.com](mailto:BPM_CM@caiso.com)

February 26, 2019

# Agenda – BPM Change Management Meeting

## February 26, 2019

Topic	Presenter
<b>Introduction / Meeting Overview</b>	Julia Payton
<b>Discussion of active BPM proposed changes:</b> Congestive Revenue Rights Outage Management Reliability Requirements Energy Imbalance Market Market Instruments Market Operations Settlements and Billing	Jim McClain Kyle Woody/ Kalyani Abhyankar Kyle Woody Jamal Batakji Jamal Batakji Jamal Batakji Bonnie Peacock
<b>Wrap-Up and Next Steps</b>	Julia Payton

# 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.*
  - Following the issuance of a final decision on a BPM PRR, the submitter or any affected Market Participant may submit an appeal to the CAISO for reconsideration of the final decision. *Note: The appeal must be within the scope of the PRR Final Decision.*

# Business Practice Manual Web Page Enhancements

BPM Web Page: <http://www.caiso.com/rules/Pages/BusinessPracticeManuals/Default.aspx>

Please [click here](#) to view the BPM Library

Please [click here](#) to access the BPM Change Management application

The BPM Change Management application contains a built-in user guide. For help on a page, click the  icon.

- ⊖ **Business practice manuals change management meetings** 
  - ⊕ **Stakeholder meetings - 2019** 
- ⊖ **Appeal committee meetings** 
  - ⊕ **Appeal process and template** 
  - ⊕ **Committee meetings - 2016** 
- ⊖ **Business practice manuals posted to the library** 
  -  [Business Practice Manuals Posted to Library](#) 2/04/2019 15:41
- ⊖ **Business practice manual proposed revision request submittal 2019 calendar** 
  - ⊕ **Appeal process and template** 
  - ⊕ **Committee meetings - 2016** 
  -  [Business Practice Manual Proposed Revision Request Submittal 2019 Calendar](#) 2/21/2019 16:22

Please submit questions / comments to [BPM\\_CM@caiso.com](mailto:BPM_CM@caiso.com)

# Congestive Revenue Rights BPM Initial Phase PRRs for Discussion

PRR	PRR Title
1134	Generator Contingency and Remedial Action Scheme Modeling Implementation Plan
1138	Congestion revenue rights 24 hour outage clarification

# PRR 1134 – Generator Contingency and Remedial Action Scheme Modeling Implementation Plan

- **Reason for revision**
  - With the implementation of the GCARM methodology in the forward markets the CRR system will implement a similar process for handling contingency analysis when running the CRR SFT.
- **Initial comments**
  - Pacific Gas & Electric Company 2/14/19
- **Initial comment period expired**
  - February 19, 2019
- **Next step**
  - Post recommendation

## PRR 1138 – Congestion revenue rights 24 hour outage clarification

- **Reason for revision**
  - Clarification of how 24 hour rule is applied.
- **Initial comments**
  - No initial comments submitted
- **Initial comment period expired**
  - February 28, 2019
- **Next step**
  - Post recommendation

# Outage Management BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1122	Inappropriate Reporting of Forced Outages
1137	Update to language for outages under the 24 hour rule

## PRR 1122 – Inappropriate Reporting of Forced Outages

- **Reason for revision**

- Adding clarity to what is inappropriate behavior for reporting forced outages. This note was removed from the reliability requirements BPM, updated, and added to the Outage Management BPM.

- **Initial comments**

- Calpine 2/4/2019
- NCPA 2/11/2019
- SCE 2/12/2019
- PG&E 2/12/2019
- Six Cities 2/12/19

- **Initial comment period expired**

- February 12, 2019

- **Next step**

- Post recommendation

## PRR 1137 – Update to language for outages under the 24 hour rule

- **Reason for revision**
  - To update the language covering outages under the 24hour rule.
- **Initial comments**
  - No comments posted.
- **Initial comment period expired**
  - February 26, 2019
- **Next step**
  - Post recommendation

# Reliability Requirements BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1121	Removal of inappropriate reporting of forced outages note
1133	Local capacity requirements due to load migration

## PRR 1121 – Removal of inappropriate reporting of forced outages note

- **Reason for revision**
  - Note clarified and moved to outage management BPM.
- **Initial comments**
  - Northern California Power Agency 2/11/19
- **Initial comment period expired**
  - February 12, 2019
- **Next step**
  - Post recommendation

## PRR 1133 – Local capacity requirements due to load migration

- **Reason for revision**
  - Provided language on load migration information.
- **Initial comments**
  - PG&E 2/14/19
  - SDG&E 2/20/19
- **Initial comment period expired**
  - February 14, 2019
- **Next step**
  - Post recommendation

# Market Instruments BPM

## Recommendation Phase PRRs for Discussion

PRR	PRR Title
1115	2018 Updating green house gas allowance price inputs and fallback logic
1118	FERC order 844 reports

# PRR 1115 – Updating green house gas allowance price inputs and fallback logic

- **Reason for revision**
  - CAISO made a FERC filing on December 5, 2018 to update the timing and source of inputs to the daily greenhouse gas allowance price and the fallback logic used when inputs are not available. Effective date is targeted for February 5, 2019.
- **Recommendation comments**
  - No recommendation comments submitted
- **Recommendation comment period expired**
  - February 12, 2019
- **Next step**
  - Post final decision

## PRR 1118 – FERC order 844 reports

- **Reason for revision**
  - This is for a report definition due to FERC order 844. Effective date is 2/15/2019.
- **Recommendation comments**
  - No recommendation comments submitted
- **Recommendation comment period expired**
  - February 12, 2019
- **Next step**
  - Post final decision

# Market Instruments BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1129	Attachment B sec B.2.2 clarification
1135	Commitment cost enhancement phase 3 BPM changes

## PRR 1129 – Attachment B sec B.2.2 clarification

- **Reason for revision**
  - Added comment in sec B.2.2 table to clarify the Participating Generator Agreement Flag for the Generator Resource Data Template.
- **Initial comments**
  - No initial comments submitted
- **Initial comment period expired**
  - February 12, 2019
- **Next step**
  - Post recommendation

# PRR 1135 – Commitment cost enhancement phase 3 BPM changes

- **Reason for revision**

- The Commitment Cost Enhancements Phase 3 initiative changes the definition of Use-Limited Resources and allows Use-Limited Resources to include opportunity costs in their commitment costs or default energy bids, where applicable. Target date: April 1, 2019

- **Initial comments**

- PG&E 2/22/19
- Six Cities 2/25/19

- **Initial comment period expired**

- February 25, 2019

- **Next step**

- Post recommendation

# Market Operations BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1136	Commitment cost enhancement phase 3 BPM changes
1128	FERC Order 844 reports

# PRR 1136 – Commitment cost enhancement phase 3 BPM changes

- **Reason for revision**

- The Commitment Cost Enhancements Phase 3 initiative changes the definition of Use-Limited Resources and allows Use-Limited Resources to include opportunity costs in their commitment costs or default energy bids, where applicable. Target date: April 1, 2019

- **Initial comments**

- PG&E 2/22/19
- Six Cities 2/25/19

- **Initial comment period expired**

- February 25, 2019

- **Next step**

- Post recommendation

## PRR 1128 – FERC Order 844 reports

- **Reason for revision**
  - To Added new table in section K.1 for reason code mapping in Market Operations Appendices BPM. Targeted for Feb 15, 2019
- **Initial comments**
  - No initial comments submitted
- **Initial comment period expired**
  - February 12, 2019
- **Next step**
  - Post recommendation

# Market Operations BPM

## Recommendation Phase PRRs for Discussion

PRR	PRR Title
1119	Treatment of resource outage on startup
1116	Imbalance conformance enhancement

## PRR 1119 – Treatment of resource outage on startup

- **Reason for revision**
  - Adding clarifying language to the Market Operations BPM on the resource outage treatment on startup.
- **Recommendation Comments**
  - No recommendation comments submitted
- **Recommendation comment period expired**
  - February 12, 2019
- **Next step**
  - Post final decision

## PRR 1116 -Imbalance conformance enhancement

- **Reason for revision**
  - To detail the functionality of the load forecast conformance and the conformance limiter based on the related policy and Tariff filing. Targeted for February 27, 2019
- **Recommendation comments**
  - No recommendation comments
- **Recommendation comment period expired**
  - February 12, 2019
- **Next step**
  - Post final decision

# Energy Imbalance Market BPM Recommendation Phase PRRs for Discussion

PRR	PRR Title
1117	Imbalance conformance enhancements

## PRR 1117 -Imbalance conformance enhancement

- **Reason for revision**
  - To detail the functionality of the load forecast conformance and the conformance limiter based referenced in the Market Operations BPM. This is based on the related policy and Tariff filing. Targeted for February 27, 2019
- **Recommendation comments**
  - No recommendation comments
- **Recommendation comment period expired**
  - February 12, 2019
- **Next step**
  - Post final decision

# Energy Imbalance Market BPM Initial Phase PRRs for Discussion

PRR	PRR Title
1127	Resource Sufficiency Enhancement 1% tolerance band

## PRR 1127 – Resource Sufficiency Enhancement 1% tolerance band

- **Reason for revision**
  - This is to improve the EIM resource sufficiency evaluation by applying a tolerance band threshold to the Flexible Ramping Sufficiency Tests for each EIM BA. Targeted for February 15, 2019
- **Initial comments**
  - Idaho Power Company, support 2/11/19
- **Initial comment period expired**
  - February 12, 2019
- **Next step**
  - Post recommendations.

# Settlements and Billing BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1132	Updates to BPM Configuration guides for the settlement and allocation of Capacity Procurement Mechanism (CPM) to address the automation of annual CPM
1131	Documentation only change for BPM charge code 6706 to show variable name associated in actual configuration
1130	Update the pre-calculation spin non-spin no pay quantity configuration to properly address fast start units

# PRR 1130 – Update the pre-calculation spin non-spin no pay quantity configuration to properly address fast start units

- **Reason for revision**

- Spin and Non-Spin No Pay Quantity Pre-calculation 5.20: Research was being conducted for SDS# 206801 for a fast start unit. The concern was the unit was being rescinded (no-pay) the full amount of what has been awarded instead of the difference between the dispatch and which was undelivered. Although this dispute was denied and deemed to be per design and aligned with tariff, the equations derived for fast start units were being assumed that the unit was always offline prior to AS dispatch. The proposed solution is, in the equations where fast start units are being determined, also add a check to qualify whether the unit is online from the FMM.
- The planned production deployment date is 4/24/2019 with an effective date of 5/1/2019 (*which had been changed from 4/1/2019, as of 2/12/19*).

- **Initial comments**

- SDGE 2/11/2019
- CAISO responded 2/14/2019

- **Initial comment period expired**

- February 12, 2019

- **Next step**

- Post recommendation

## PRR 1131 – Documentation only change for BPM charge code 6706 to show variable name associated in actual configuration

- **Reason for revision:**

- The published Configuration Output file for the Dec 2018 Release in production last Dec 27, 2018 contained an association where Bill determinant name PTB\_BA\_MTH\_CRRBA\_MONTH\_END\_CHG\_ADJ\_AMT is associated with the variable name PTBChargeAdjustmentMonthEndCRRBAAmt. This variable name exists in the BPM CC 6706 under the section for Inputs – External Systems, however formula 3.6.2 used something else. The proposed solution is to simply correct the typo error in the variable name used in the formula section of the BPM. Using the above variable aligns the association as provided in the Configuration Output file.
- This is a documentation only change as there is no change to the Configuration Output file, or the actual configuration. This change maintains the effectivity of CC 6706 starting with trade date 1/1/2019.

- **Initial comments**

- No initial comments submitted to date

- **Initial comment period expired**

- February 12, 2019

- **Next step**

- Post recommendation

# PRR 1132 – Updates to BPM Configuration guides for the settlement and allocation of Capacity Procurement Mechanism (CPM) to address the automation of annual CPM

- **Reason for revision**

- The introduction of four new CPM Type designation codes are required to allow for the differentiation of the insufficiencies associated with the annual Resource Adequacy Plan from those of the monthly Resource Adequacy Plan. Automating the annual CPM calculations eliminates the need for the manual allocation work via a PTB, saving processing time.
- The planned production deployment date is 4/24/2019 with a 5/1/2019 effective date (*which had been changed from 1/1/2020, as of 2/12/19*).

- **Initial comments**

- No initial comments submitted to date

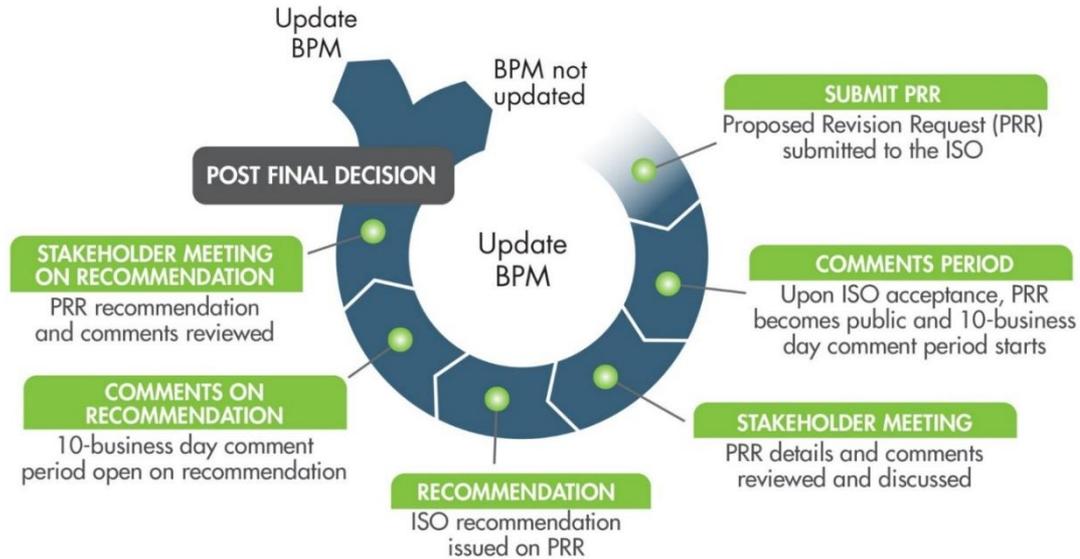
- **Initial comment period expired**

- February 12, 2019

- **Next step**

- Post recommendation

# Next BPM Monthly Meeting: Tues., March 26, 2019 @ 11 a.m.



Please refer to the BPM change Management Business Practice Manual:

<https://bpmcm.caiso.com/Pages/BPMLibrary.aspx>

BPM change management  
Process Questions:

Julia Payton  
916-608-1133  
BPM\_CM@caiso.com



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