



BPM Change Management Meeting

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May 22, 2018

Agenda – BPM Change Management Meeting

May 22, 2018

Topic	Presenter
Introduction / Meeting Overview	Julia Payton
Discussion of active proposed changes:	
Generator Interconnection and Deliverability Allocation Procedures	Linda Wright
Energy Imbalance Market BPM	Jamal Batakji
Market Operations BPM	Jamal Batakji
Direct Telemetry	Priyanka Namburi
Settlements and Billing BPM	Bonnie Peacock
Reliability Requirements	Kyle Woody
Generator Management	Joanne Bradley
Wrap-Up and Next Steps	Julia Payton

BPM Change Management Process
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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.*

Generator Interconnection and Deliverability Allocation Procedures BPM - Recommendation Phase PRRs for Discussion

PRR	PRR Title
1050	Process for adding energy storage between the Phase I and Phase II studies

PRR 1050 – Process for adding energy storage between the Phase I and Phase II studies

- **Reason for revision:**
 - This added section clarifies the process for adding energy storage to a project between the Phase I and Phase II studies of the Generator Interconnection and Deliverability Allocation Procedures (GIDAP) process.
- **Recommendation comments:**
 - No comments submitted
- **Recommendation comment period expired:**
 - May 11, 2018
- **Next steps:**
 - Post final decision

Energy Imbalance Market BPM Recommendation Phase PRRs for Discussion

PRR	PRR Title
1051	Emergency PRR: Flexible ramping clarification

PRR 1051 – Flexible ramping clarification

- **Reason for revision**
 - This is to clarify the flexible ramping requirements for the new EIM entities joining the Energy Imbalance Market.
- **Recommendation comments**
 - No comments submitted
- **Recommendation comment period expired**
 - May 15, 2018
- **Next step**
 - Post final decision

Market Operations BPM

Recommendation Phase PRRs for Discussion

PRR	PRR Title
1052	Process of addressing market issues

PRR 1052 – Process for addressing market issues

- **Reason for revision**
 - Modified Market Operations Attachment G to update the process of addressing market issues.
- **Recommendation comments**
 - No comments submitted
- **Recommendation comment period expired**
 - May 15, 2018
- **Next step**
 - Post final decision

Market Operations BPM

Initial Phase PRRs for Discussion

PRR	PRR Title
1053	Emergency: Flexible ramping requirements clarification

PRR 1053 – Flexible ramping requirements clarification

- **Reason for revision**
 - This revision is to further clarify the flexible ramping product requirement thresholds.
- **Initial comments**
 - No comments submitted
- **Initial comment period expired**
 - May 14, 2018
- **Next step**
 - Post recommendation

Direct Telemetry BPM

Initial Phase PRRs for Discussion

PRR	PRR Title
1054	Real-Time communications options

PRR 1054 – Real-Time communications options

- **Reason for revision**
 - The purpose of new sections and language edits is to illustrate hardware options for direct telemetry. New communication option available for real time devices.
- **Initial comments**
 - No comments submitted
- **Initial comment period expired**
 - May 18, 2018
- **Next step**
 - Post recommendation

Settlements and Billing BPM

Initial Phase PRRs for Discussion

PRR	PRR Title
1055	Update the pre-calculation metered subsystem deviation penalty quantity configuration to properly account for MSS instructed imbalance energy for a MSS load following resource with no day ahead award but dispatched in real time market
1058	Emergency PRR: Updated BPM configuration guide for pre-calculation resource adequacy availability incentive mechanism to accommodate generic availability resource adequacy issue

PRR 1055 – Update the pre-calculation metered subsystem deviation penalty quantity configuration to properly account for MSS instructed imbalance energy for a MSS load following resource with no day ahead award but dispatched in real time market

- **Reason for revision**

- A Market Participant has entered a dispute over erroneous formula for MSS Load Following (LF) Deviation Penalty (DP) Non Dispatch Mode Energy Quantity. The current equation is Max of zero and the Supplemental Energy Quantity less Minimum Ex Post Capacity Quantity. This equation assumes the MSS LF resource has a DA Award. In this scenario, IIE should be the Supplemental energy Quantity.
- The effective date of this change is October 1, 2014.

- **Initial comments**

- Northern California Power Agency 5/18/18

- **Initial comment period expired**

- May 18, 2018

- **Next step**

- Post recommendation

PRR 1058 – Updated BPM configuration guide for pre-calculation resource adequacy availability incentive mechanism to accommodate generic availability resource adequacy issue

- **Reason for revision**

- A CIDI ticket triggered the generic availability resource adequacy changes. Existing RAAIM PC generic bid availability equations were not conforming to the requirement that a resource's generic is equal to 1) the resource's total submitted bid less the portion of: (economic bid plus eligible EFC pmin used for flexible availability), but no greater than; 2) the positive value of generic RA obligation minus flexible RA obligation.
- The effective date of this change is June 1, 2018.

- **Initial comments**

- No comments submitted

- **Initial comment period expired**

- May 24, 2018

- **Next step**

- Post recommendation

Reliability Requirements BPM

Initial Phase PRRs for Discussion

PRR	PRR Title
1057	Updated sections with reference to reliability inbox with customer inquiry and dispute interface (CIDI) and added availability assessment hours for 2019

PRR 1057 – Update sections with reference to reliability inbox with CIDI and added availability assessment hours for 2019

- **Reason for revision**
 - Clarification and updates. Exhibit A-3 section 6.1.3.5, replaced reference to reliability inbox with CIDI, 7.1.1 - added availability assessment hours for 2019.
- **Initial comments**
 - No comments submitted
- **Initial comment period expired**
 - May 23, 2018
- **Next step**
 - Post recommendation

Generator Management BPM

Initial Phase PRRs for Discussion

PRR	PRR Title
1056	Clarifications to existing generator retirement processes including public posting

PRR 1056 – Clarifications to existing generator retirement processing including public posting

- **Reason for revision**

- The CAISO submits these changes to clarify the process for retiring or mothballing a Generating Unit. Specifically, after the decision to not move forward with the Temporary Shut Down of Resource Operations stakeholder initiative, the inclusion of the public information posting on the CAISO website, and the change to effective date to retain Deliverability.

- **Initial comments**

- Calpine Corporation 5/17/18

- **Initial comment period expired**

- May 18, 2018

- **Next step**

- Post recommendation

Generator Management BPM

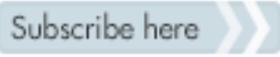
Sample Announced Retirement Mothball List

Discussion and Excel Sheet Review

Sample Announced Retirement Mothball List posted on the BPM Change Management web page under today's meeting:

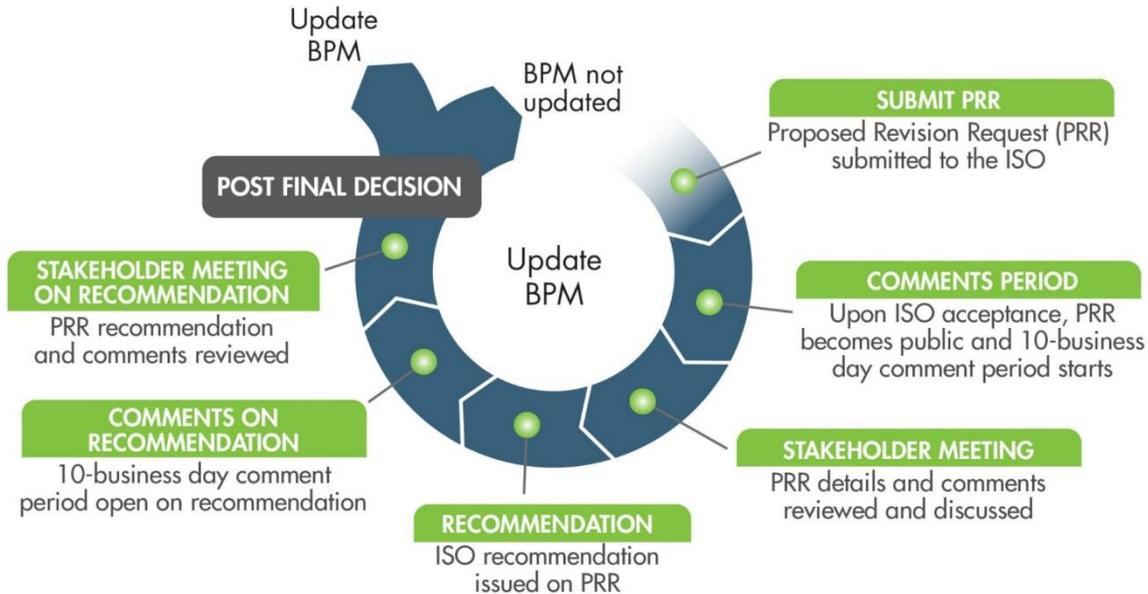
<http://www.caiso.com/rules/Pages/BusinessPracticeManuals/Default.aspx>

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Next BPM Monthly Meeting: Tuesday, June 26, 2018 @ 11 a.m.



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