



# BPM Change Management Meeting

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June 26, 2018

# Agenda – BPM Change Management Meeting

## June 26, 2018

Topic	Presenter
<b>Introduction / Meeting Overview</b>	Julia Payton
<b>Discussion of active BPM proposed changes:</b>	
Direct Telemetry	Priyanka Namburi
Metering	Priyanka Namburi
Generator Management	Raeann Quadro
Managing Full Network Model	Vivian Liang
Market Operations	Jamal Batakji
Market Instruments	Jamal Batakji
Outage Management	Kyle Woody
Reliability Requirements	Gautham Katta
Scheduling Coordinator Certification and Termination	Julia Payton
Settlements and Billing	Bonnie Peacock
Transmission Planning Process	Jeff Billinton / Gary DeShazo
<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.*

# Direct Telemetry BPM Recommendation 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.
- **Recommendation comments**
  - No comments submitted
- **Recommendation comment period expired**
  - June 13, 2018
- **Next step**
  - Post final decision

# Metering BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1064	Energy storage and distributed energy resources updates

# PRR 1064 – Energy storage and distributed energy resources updates

- **Reason for revision**
  - Added and modified the verbiage to reflect the ESDER initiative.
- **Initial comments**
  - No comments submitted
- **Initial comment period expired**
  - June 18, 2018
- **Next step**
  - Post recommendation

# Generator Management BPM Recommendation 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.

- **Recommendation comments**

- Calpine Corporation 5/17/18

- **Recommendation comment period expired**

- June 13, 2018

- **Next step**

- Post final decision

# Managing Full Network Model BPM Initial Phase PRRs for Discussion

PRR	PRR Title
1061	Emergency: Resource interconnection management system and miscellaneous updates

# PRR 1061 – Resource interconnection management system and miscellaneous updates

- **Reason for revision**
  - This revision includes the changes as follows.
    - 1) Modify Section 5 to support RIMS 5;
    - 2) Miscellaneous updates in Sections 4.2.3.1.2, 4.2.7.1.1, 4.2.3.2 footnote.
  - The effective date: April 30, 2018
- **Initial comments**
  - No comments submitted
- **Initial comment period expired**
  - June 13, 2018
- **Next step**
  - Post recommendation

# Market Instruments BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1065	Registration cost monthly validation process update

# PRR 1065 – Resource interconnection management system and miscellaneous updates

- **Reason for revision**

- Section G.1 update is to improve the efficiency of the monthly validation of registered costs process. The ISO will validate the registered costs for the following month after the monthly gas price is published, which is after the 21st of every month, instead of the 5th of the following month. Section 10.1 update is related to the addition of two CMRI reports description in support of the EIM Winter 2017 initiative. Effective date is upon the completion of this PRR.

- **Initial comments**

- Southern California Edison 6/18/18

- **Initial comment period expired**

- June 18, 2018

- **Next step** Post recommendation

# Market Operations BPM Recommendation 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.
- **Recommendation comments**
  - No comments submitted
- **Recommendation comment period expired**
  - June 13, 2018
- **Next step**
  - Post final decision

# Outage Management BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1059	Changes due to congestion revenue rights

# PRR 1059 – Changes due to congestion revenue rights

- **Reason for revision**

- *These BPM amendments are to implement the new annual CRR transmission outage report in proposed tariff section 9.3.6.1. This proposed tariff section requires transmission owners to submit an annual transmission outage plan by July 1 each year for known and planned outages in the following year that could affect power flows in the day-ahead market. The ISO proposed this new deadline in its April 11, 2018, tariff amendment in FERC docket no. ER18-1344. In the event FERC does not accept this proposed revision to the tariff, these BPM revisions will be removed.*

- **Initial comments**

- No comments submitted

- **Initial comment period expired**

- June 5, 2018

- **Next step**

- Post recommendation

# Reliability Requirements BPM Recommendation 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.
- **Recommendation comments**
  - No comments submitted
- **Recommendation comment period expired**
  - June 13, 2018
- **Next step**
  - Post final decision

# Reliability Requirements BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1063	Emergency: Modification to section 6 to include additional net qualifying capacity language

# PRR 1063 – Modification to section 6 to include additional net qualifying capacity language

- **Reason for revision**
  - Minor addition to section 6 due to request by market participants.
  - Effective 6/1/2018.
- **Initial comments**
  - No comments submitted
- **Initial comment period expired**
  - June 13, 2018
- **Next step**
  - Post recommendation

# Settlements and Billing BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1060	Updated BPM configuration guide for pre-calculation resource adequacy availability incentive mechanism to accommodate demand response auction mechanism resource adequacy waivers and non-resource specific system resource adequacy exemptions

PRR 1060 – Updated BPM configuration guide for pre-calculation resource adequacy availability incentive mechanism to accommodate demand response auction mechanism resource adequacy waivers and non-resource specific system resource adequacy exemptions

- **Reason for revision**

- Updates are required in order to conform to FERC Docket No ER18-838-000 which grants a waiver from Resource Adequacy obligations to DRAM resources for the periods of April 1st 2018 – Oct 31 2018 and April 1st 2019 – Oct 31 2019. The effective date is 7/1/2018 and the anticipated implementation date is 6/25/2018.
- HPQC 55481 triggered the NRSS Resource Adequacy exemptions update. NRSS are not required to Bid in Real-Time when the resource has NO or Zero Schedules in IFM. The effective date is 11/1/2016 and the anticipated implementation date is 6/25/2018.

- **Initial comments**

- No comments submitted

- **Initial comment period expired**

- June 5, 2018

- **Next step** Post recommendation

# Settlements and Billing BPM Recommendation 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.

- **Recommendation comments**

- No comments submitted

- **Recommendation comment period expired**

- June 13, 2018

- **Next step**

- Post final decision

# 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 RAIM 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.

- **Recommendation comments**

- No comments submitted

- **Recommendation comment period expired**

- June 13, 2018

- **Next step** Post final decision

# Scheduling Coordinator Certification and Termination BPM – Initial Phase PRRs for Discussion

PRR	PRR Title
1062	Revised and combined scheduling coordinator training and testing sections

## PRR 1062 – Revised and combined scheduling coordinator training and testing sections

- **Reason for revision**
  - This is a language only change to align the requirements with the Officer Certification and Tariff section 4.5.1.1.10.1
- **Initial comments**
  - No comments submitted
- **Initial comment period expired**
  - June 13, 2018
- **Next step** Post recommendation

# Transmission Planning Process BPM

## Initial Phase PRRs for Discussion

PRR	PRR Title
1066	Approved project sponsor report requirement
1067	Generator modeling data requirement

# PRR 1066 – Approved project sponsor report requirement

- **Reason for revision**
  - Additional language added to section identifying template that will be on CAISO's website for the report to be used for the projects construction plan and status reports.
- **Initial comments**
  - No comments submitted
- **Initial comment period expired**
  - June 19, 2018
- **Next step** Post recommendation

# PRR 1067 – Generator modeling data requirement

- **Reason for revision**

- This BPM change is to add section identifying the data requirements for generator modeling in studies along with the schedule, procedures and format of information and data to be submitted to the CAISO by Participating Generators. Sanctions for non-compliance in supplying the required data are identified.

- **Initial comments**

- Comments received from the Cities of Anaheim, Azusa, Banning, Colton, Pasadena, and Riverside, California (Six Cities) 6/18/18
- Southern California Edison (SCE) 6/18/18

- **Initial comment period expired**

- June 19, 2018

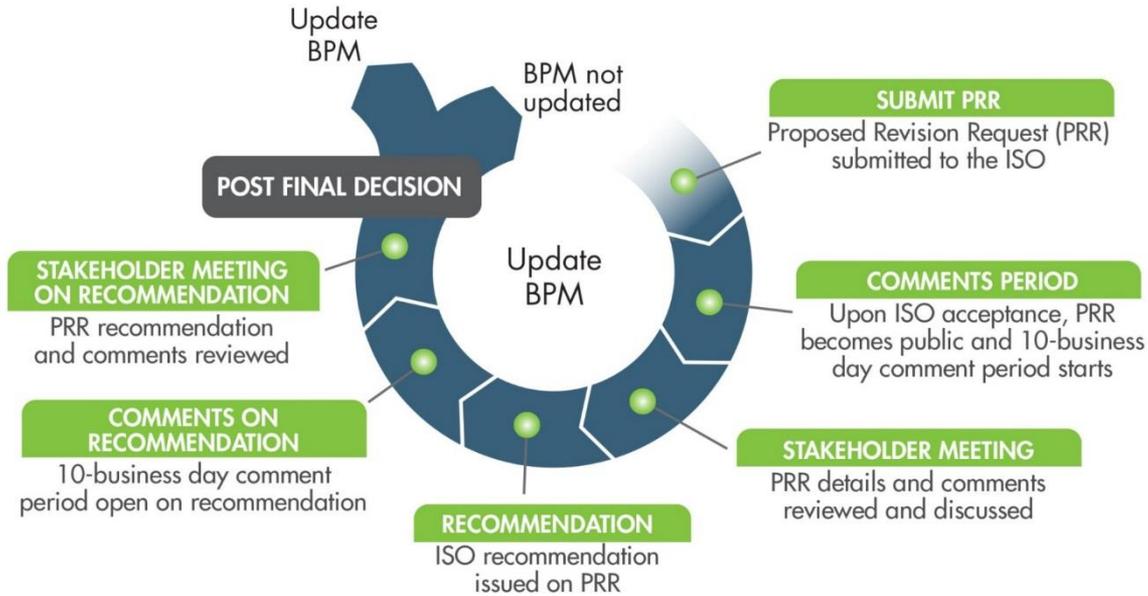
- **Next step** Post recommendation

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# Next BPM Monthly Meeting: Tuesday, July 24, 2018 @ 11 a.m.



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