Reminders

• This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO permission.
  – Video recording will be posted to the initiative webpage within 3 business days

• To ask a question, press #2 on your telephone keypad.

• Calls are structured to stimulate an honest dialogue and engage different perspectives.

• Please keep comments friendly and respectful.
# Agenda – BPM Change Management Meeting

February 26, 2021

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction / Meeting Overview</td>
<td>Isabella Nicosia</td>
</tr>
<tr>
<td><strong>Discussion of active proposed changes:</strong></td>
<td></td>
</tr>
<tr>
<td>Settlements and Billing BPM</td>
<td>Brenda Corona</td>
</tr>
<tr>
<td>Market Instruments BPM</td>
<td>Jamal Batakji</td>
</tr>
<tr>
<td>Market Operations BPM</td>
<td>Jamal Batakji</td>
</tr>
<tr>
<td>Energy Imbalance Market BPM</td>
<td>Jamal Batakji</td>
</tr>
<tr>
<td>Definitions and Acronyms BPM</td>
<td>Jacqueline Meredith</td>
</tr>
<tr>
<td>Direct Telemetry BPM</td>
<td>Priyanka Namburi</td>
</tr>
<tr>
<td>Reliability Requirements BPM</td>
<td>Melanie Bogen</td>
</tr>
<tr>
<td>Outage Management BPM</td>
<td>Kalyani Abhyankar</td>
</tr>
<tr>
<td>Wrap-Up and Next Steps</td>
<td>Isabella Nicosia</td>
</tr>
</tbody>
</table>

BPM Change Management Process

[BM_CM@caiso.com](mailto:BM_CM@caiso.com)
• 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.*
## Settlements and Billing BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1323</td>
<td>To eliminate double penalty settlement for intertie resources that switch between 15 minute economic bid and hourly bid option within a given trade date</td>
<td>Initial</td>
</tr>
<tr>
<td>1322</td>
<td>Update settlements configuration guide for grid management charge bid segment fee in relation to day ahead nodal pricing model initiative to correct bid segment counts</td>
<td>Initial</td>
</tr>
<tr>
<td>1320</td>
<td>Update metered subsystems deviation penalty quantity pre-calculation BPM to resolve excess behind the meter production issue for load following metered subsystems</td>
<td>Initial</td>
</tr>
</tbody>
</table>
PRR 1323 – To eliminate double penalty settlement for intertie resources that switch between 15 minute economic bid and hourly bid option within a given trade date

• Reason for revision
  – An issue was identified through CIDI by a market participant wherein a resource was getting penalized in both the hourly and 15m category of IDS penalty settlement. After further research, it was determined that the resource switched between 15 minute economic bid and hourly bid option within the same trading day.
  – The solution is to update the settlements configuration to account for such behavior. The ISO anticipates implementation of the BPM changes on or about 2/17/2021, with a retroactive effective Trade Date of 2/1/2021.

• Initial comments:
  – No comments submitted to date

• Initial comment period expires:
  – March 16, 2021

• Next step:
  – Initial comments due
Reason for revision

- As part of the DA Nodal initiative, NPM SCs were given advisory statements and the charge configuration was modified to allow this. There was a defect noted that changes from the DA Nodal initiative zeroed all bid count segments for NPM and existing market resources.
- The proposed change to 4515 GMC Bid Transaction Fee v5.6.1 re-enables the normal bid segment count for market participants while preserving the advisory settlement for NPM SCs.
- The ISO anticipates implementation of the BPM changes on or about 2/17/2021, with a retroactive effective Trade Date of 1/1/2021.

Initial comments:

- No comments submitted to date

Initial comment period expires:

- March 16, 2021

Next step:

- Initial comments due
PRR 1320 – Update metered subsystems deviation penalty quantity pre-calculation BPM to resolve excess behind the meter production issue for load following metered subsystems

• Reason for revision
  – Production issue found with Excess Behind the Meter Production (EBTMP) in relation to Metered Subsystems (MSS). For MSS Deviation Penalty Quantity pre-calculation, meter value intended for MSS generators were nullified.
  – The solution is to revert any EBTMP changes under MSS Deviation Penalty Quantity Precalculation. EBTMP does not apply to MSS. An MSS must submit generation/load at the citygate pursuant to its MSSA. The patch is already in production and impacts only MSS that is Load Following.
  – The ISO has implemented a production fix around January 14, 2021. This BPM change accompanies that fix.
  – The change is effective trade date January 1, 2021, which matches EBTMP initiative’s implementation date. Trade dates that were already settled prior to the production fix will be resettled with the scheduled recalculation for those trade dates.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
## Market Instruments BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1321</td>
<td>Proxy demand resources dispatch information</td>
<td>Initial</td>
</tr>
</tbody>
</table>
PRR 1321 – Proxy demand resources dispatch information

• Reason for revision
  – This is a result of a discussion with a market participant. The change is intended to clarify how some PDRs will get dispatch information from CMRI. The material was developed in a training document and we are memorializing it in the BPM.

• Initial comments:
  – SCE; submitted 2/16/21

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
# Market Operations BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1317</td>
<td>Clarifying language for market operations BPM for resource adequacy bidding obligation</td>
<td>Initial</td>
</tr>
<tr>
<td>1313</td>
<td>Clean-up language section 2.5.5 for PRR 1136</td>
<td>Recommendation</td>
</tr>
<tr>
<td>1312</td>
<td>Following trajectory between dispatch operating target</td>
<td>Initial</td>
</tr>
</tbody>
</table>
PRR 1317 – Clarifying language for market operations BPM for resource adequacy bidding obligation

• Reason for revision
  – This is a clarifying language related to fast, medium, and long start for RA bidding obligation.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
PRR 1313 – Clean-up language section 2.5.5 for PRR 1136

• Reason for revision
  – This is a clean up related to the language in section 2.5.5. This was missed being published during the implementation of PRR 1136. No additional changes were made at this time. Effective date 12/22/2020.

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – February 16, 2021

• Next step:
  – Post final decision
PRR 1312 – Following trajectory between dispatch operating target

• Reason for revision
  – This Proposed Revision Request clarifies the expectation under existing tariff that all resources follow their Dispatch Operating Point (DOP). Effective Date: Upon completion of the PRR.

• Initial comments:
  – SCE; submitted 1/27/21
  – NCPA; submitted 2/16/21
  – LSA; submitted 1/6/21

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
## Energy Imbalance Market BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1311</td>
<td>Intertie multi-stage generating resources modeling for energy imbalance market participating resources</td>
<td>Recommendation</td>
</tr>
</tbody>
</table>
PRR 1311 – Intertie multi-stage generating resources modeling for energy imbalance market participating resources

• Reason for revision
  – This enhancement is for the intertie Multi Stage Generator (TMSG) modeling for EIM participating resources that are import resources for particular EIM BAA. Effective Date: 1/1/21

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
Definitions and Acronyms BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1319</td>
<td>Annual update an reconciliation for definitions and acronyms</td>
<td>Initial</td>
</tr>
</tbody>
</table>
P RR 1319 – Annual update an reconciliation for definitions and acronyms

• Reason for revision
  – Definitions and acronyms have been added, modified or removed in the other BPMs and CAISO Tariff since the last revision. This document is a reconciliation since the last update.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
## Direct Telemetry BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1318</td>
<td>New telemetry requirements due to NERC standard BAL-003-1.1</td>
<td>Initial</td>
</tr>
<tr>
<td>1310</td>
<td>New requirements for hybrid resources and transport layer security</td>
<td>Recommendation</td>
</tr>
</tbody>
</table>


PRR 1318 – New telemetry requirements due to NERC standard BAL-003-1.1

• Reason for revision
  – To comply with North American Electric Reliability Corporation Reliability Standard BAL-003-1.1.
  – For more information, please see the FAQ Posted at: http://www.caiso.com/Documents/TelemetryRequirements_FAQs.pdf

• Initial comments:
  – NCPA; submitted 2/11/21
  – CDWR; submitted 2/16/21

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
PRR 1310 – New requirements for hybrid resources and transport layer security

• Reason for revision
  – New requirements for hybrid resources and transport layer security
  – This revision is effective 12/1/2020

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – February 16, 2021

• Next step:
  – Post final decision
Reliability Requirements BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1316</td>
<td>Clarification on PRR 1280 Status</td>
<td>Initial</td>
</tr>
<tr>
<td>1315</td>
<td>Commitment cost enhancement tariff clarification process policy initiative</td>
<td>Initial</td>
</tr>
</tbody>
</table>
PRR 1316 – Clarification on PRR 1280 Status

• Reason for revision
  – While PRR 1280 is under "Appeal Pending" status, this PRR states that the language from PRR 1280 is currently not in effect.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
PRR 1315 – Commitment cost enhancement tariff clarification process policy initiative

• Reason for revision
  – Clarifications made for Commitment cost enhancement tariff clarification process policy initiative

• Initial comments:
  – PG&E; submitted 2/16/21

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
Outage Management BPM

<table>
<thead>
<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1314</td>
<td>Commitment cost enhancement phase 3 Tariff clarification for hydro units</td>
<td>Initial</td>
</tr>
</tbody>
</table>
PRR 1314 – Commitment cost enhancement phase 3
Tariff clarification for hydro units

• Reason for revision
  – Clarifications notated for Commitment Cost Enhancement Phase 3 (CCE3) tariff clarification.

• Initial comments:
  – PG&E; submitted 2/16/21

• Initial comment period expired:
  – February 16, 2021

• Next step:
  – Post recommendation
Next BPM PRR Review Monthly Meeting: March 23, 2021 @ 11 a.m.

BPM change management process questions:
Isabella Nicosia
BPM_CM@caiso.com