BPM Change Management Meeting

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July 27, 2021

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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 BPM 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 professional and respectful.
# Agenda – BPM Change Management Meeting  
*July 27, 2021*

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<tr>
<th>Topic</th>
<th>Presenter</th>
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<tr>
<td>Introduction / Meeting Overview</td>
<td>Isabella Nicosia</td>
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| **Discussion of active proposed changes:**  
Reliability Requirements BPM  
Market Operations BPM  
Energy Imbalance Market BPM  
Market Instruments BPM  
Candidate CRR Holder Registration BPM | Melanie Bogen  
Jamal Batakji  
Jamal Batakji  
Jamal Batakji  
Latisha Collins |
| Wrap-Up and Next Steps | Isabella Nicosia |

BPM Change Management Process  
[BPM_CM@caiso.com](mailto:BPM_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.*
## Reliability Requirements BPM

<table>
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<tr>
<th>PRR</th>
<th>PRR Title</th>
<th>Stage</th>
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<tbody>
<tr>
<td>1364</td>
<td>Correct bidding requirements for non-generating resource (non-regulation energy management)</td>
<td>Initial</td>
</tr>
<tr>
<td>1361</td>
<td>Resource adequacy enhancement project phase 1 transition process</td>
<td>Initial</td>
</tr>
<tr>
<td>1356</td>
<td>2022 availability assessment hours</td>
<td>Recommendation</td>
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PRR 1364 – Correct bidding requirements for non-generating resource (non-regulation energy management)

• Reason for revision
  – The RTM bidding requirements for Non-Generator Resources (Non-REM) must be updated to match the description in the tariff.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – July 13, 2021

• Next step:
  – Post recommendation
PRR 1361 – Resource adequacy enhancement project phase 1 transition process

• Reason for revision
  – Clarifying the transition process relating to tariff section 9.3.1.3.9.
  – Effective date is 6/2/21

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – July 13, 2021

• Next step:
  – Post recommendation
PRR 1356 – 2022 availability assessment hours

- **Reason for revision**
  - Added availability assessment hours for 2022.
- **Recommendation comments:**
  - No comments submitted
- **Recommendation comment period expired:**
  - July 13, 2021
- **Next step:**
  - Post final decision
## Market Operations BPM

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<th>PRR</th>
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<tr>
<td>1363</td>
<td>Trajectory between real-time dispatch intervals</td>
<td>Initial</td>
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<tr>
<td>1362</td>
<td>FERC Order 831 Phase 2 threshold logic</td>
<td>Initial</td>
</tr>
<tr>
<td>1360</td>
<td>Summer Readiness 2021 as it relates to Market Operations BPM for effective</td>
<td>Recommendation</td>
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<tr>
<td></td>
<td>July scheduling priorities for exports and load</td>
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<tr>
<td>1359</td>
<td>Summer Readiness 2021 as it relates to Market Operations BPM effective</td>
<td>Recommendation</td>
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<td>July penalty prices update</td>
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<tr>
<td>1348</td>
<td>Description of losses impact on POR energy LMPs</td>
<td>Recommendation</td>
</tr>
<tr>
<td>1345</td>
<td>Market Operations BPM changes as it relates to Scheduling Priorities</td>
<td>Recommendation</td>
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</table>
• Reason for revision
  – Based on additional feedback from stakeholders, the CAISO is proposing additional revisions to section 7.2.3.6. of the Market Operations BPM – Trajectory data. The revisions reflect the CAISO’s expectation that resources will follow their dispatch operating point between dispatch operating targets.

• Initial comments:
  – No comments submitted

• Initial comment period expired:
  – July 13, 2021

• Next step:
  – Post recommendation
Reason for revision
- This is due to FERC 831 phase 2 initiative, related to Market threshold logic.
- Effective date is June 15, 2021.

Initial comments:
- Six Cities; submitted 6/30/21

Initial comment period expired:
- July 13, 2021

Next step:
- Post recommendation
PRR 1360 – Summer Readiness 2021 as it relates to Market Operations BPM for effective July scheduling priorities for exports and load

• Reason for revision
  – Added new sections in Market Operations BPM due to the Summer Readiness initiative related to Load, export, and wheeling priorities.
  – Effective date: July 15, 2021 (pending FERC approval)

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
PRR 1359 – Summer Readiness 2021 as it relates to Market Operations BPM effective July penalty prices update

• Reason for revision
  – Changes to market Operations BPM section 6.6.5 due to Summer Readiness initiative related to Load, export, and wheeling priorities.
  – Effective date: July 15, 2021 (pending FERC approval)

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
PRR 1348 – Description of losses impact on POR energy LMPs

• Reason for revision
  – For resources that are physically located away from its corresponding POR, describe the impact the different loss components, and thus LMP marginal cost of losses, between those two locations has on energy prices. Furthermore, note that the market model uses the bids at the physical location when determining which resource is economical to dispatch.

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
PRR 1345 – Market Operations BPM changes as it relates to Scheduling Priorities

• Reason for revision
  – This PRR is to address removing the higher priority that RUC exports are given in the real-time market. We also provided additional descriptions of the import leg and export leg of wheel through self-schedules to provide additional clarity. These BPM changes will be effective immediately since they do not require tariff changes.

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
## Energy Imbalance Market BPM

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<td>1358</td>
<td>Summer Readiness 2021 as it relates to EIM BPM Effective June Auto-Mirror changes</td>
<td>Recommendation</td>
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PRR 1358 – Summer Readiness 2021 as it relates to EIM BPM Effective June Auto-Mirror changes

• Reason for revision
  – This is part of the Summer Readiness initiative. This change is to update the mirror system resources to have auto-mirroring enabled for transactions between the ISO and other EIM balancing authority areas in accordance with the specific procedure detailed in this draft.
    – Effective Date: June 15, 2021

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
## Market Instruments BPM

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<tr>
<td>1357</td>
<td>Market instrument changes related to FERC Order 831 Phase 2</td>
<td>Recommendation</td>
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<tr>
<td>1353</td>
<td>Clarification of DOT breakdown for EIRs</td>
<td>Recommendation</td>
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PRR 1357 – Market instrument changes related to FERC Order 831 Phase 2

• Reason for revision
  – Changes related to FERC Order 831 Phase 2, adding Appendix P that details the Max Import Bid Price calculation, and other miscellaneous edits.
  – Effective Date: 6/15/2021
• Recommendation comments:
  – No comments submitted
• Recommendation comment period expired:
  – July 13, 2021
• Next step:
  – Post final decision
PRR 1353 – Clarification of DOT breakdown for EIRs

- Reason for revision
  - Provide clarification that the negative SUPP component for EIRs is a result of market curtailment
- Recommendation comments:
  - No comments submitted
- Recommendation comment period expired:
  - July 13, 2021
- Next step:
  - Post final decision
Candidate CRR Holder Registration BPM

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<td>1355</td>
<td>CRR holder minor revision to correct typographical errors</td>
<td>Recommendation</td>
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PRR 1355 – CRR holder minor revision to correct typographical errors

• Reason for revision
  – The reason for this revision is to correct errors found in the BPM document related to duplicate section in Attachment A and removal of erroneous information about the CRR Application fee.

• Recommendation comments:
  – No comments submitted

• Recommendation comment period expired:
  – July 13, 2021

• Next step:
  – Post final decision
Next BPM PRR Review Monthly Meeting:
August 24, 2021 @ 11 a.m.

BPM change management process questions:
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