Hello Everyone,

Due to scheduling constraints, the production deployment has been moved to Dec 27, 2018. The final settlement configuration output file for this release will also be published on that date.

Release Component Summary	
ISSUE SUMMARY	IMPACTS
CRR Auction Efficiency Phase 1B (CRR 1B)	PRR 1100: BPM CG CC 6700 CRR Hourly Settlement v5.12 BPM CG CC 6790 CRR Balancing Account v5.4 BPM CG CC 6701 Monthly CRR True-up v5.0 BPM CG CC 6706 Monthly CRRBA Clearing v5.0 BPM CG CC 4562 GMC CRR Services Charge v5.3 BPM CG CC 6703 CB CRR Adjustment Settlement v5.0
LMC Transparency Enhancement (Logical meter calculation)	PRR 1102: BPM CG CC System Resource Deemed Delivered Energy Quantity v5.2
Implement resource-level RAAIM availability incentive mechanism exclusion flags	PRR 1101: BPM CG CC 8830 Monthly Resource Adequacy Availability Incentive Mechanism Settlement v5.3 BPM CG CC 8831 Monthly Resource Adequacy Availability Incentive Mechanism Allocation v5.2
Update RAAIM neutrality PTB in CC 8835	PRR 1098: BPM CG CC 8835 Annual Resource Adequacy Availability Incentive Mechanism Neutrality v5.1

Release Artifact	Timeline
First Draft Configuration Output File	10/22/2018
Second Draft Configuration Output File	11/05/2018
Third Draft Configuration Output File	11/20/2018

Pre-Production Draft Configuration Output File	12/12/2018
Production Deployment	12/27/2018
Final Settlement Configuration Output File	12/27/2018

Thank you,

The Market Settlements Design & Configuration Team

From: Settlement User

Sent: Wednesday, December 12, 2018 5:55 PM

To: Market Settlement User Group < marketSettlementUserGroup@caiso.com

Subject: RE: Settlements December 2018 Configuration Release

Hello Everyone,

In accord with schedule below, Pre-Production Draft Configuration Output File has been posted today, 12/12/2018 at http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx under the headings 2018 release -> Independent 2018 -> Draft settlements technical documentation -> Settlements configuration file.

This file uses the actual production dates for the different components of the release.

Release Component Summary	
ISSUE SUMMARY	IMPACTS
	PRR 1100:
	BPM CG CC 6700 CRR Hourly Settlement v5.12
CRR Auction Efficiency Phase 1B (CRR 1B)	BPM CG CC 6790 CRR Balancing Account v5.4
	BPM CG CC 6701 Monthly CRR True-up v5.0
	BPM CG CC 6706 Monthly CRRBA Clearing v5.0

	BPM CG CC 4562 GMC CRR Services Charge v5.3 BPM CG CC 6703 CB CRR Adjustment Settlement v5.0
LMC Transparency Enhancement (Logical meter calculation)	PRR 1102: BPM CG CC System Resource Deemed Delivered Energy Quantity v5.2
Implement resource-level RAAIM availability incentive mechanism exclusion flags	PRR 1101: BPM CG CC 8830 Monthly Resource Adequacy Availability Incentive Mechanism Settlement v5.3 BPM CG CC 8831 Monthly Resource Adequacy Availability Incentive Mechanism Allocation v5.2
Update RAAIM neutrality PTB in CC 8835	PRR 1098: BPM CG CC 8835 Annual Resource Adequacy Availability Incentive Mechanism Neutrality v5.1

Release Artifact	Timeline
First Draft Configuration Output File	10/22/2018
Second Draft Configuration Output File	11/05/2018
Third Draft Configuration Output File	11/20/2018
Pre-Production Draft Configuration Output	12/12/2018
<mark>File</mark>	
Production Deployment	12/19/2018
Final Settlement Configuration Output File	12/19/2018

Thank you,

The Market Settlements Design & Configuration Team

From: Settlement User

Sent: Tuesday, November 27, 2018 3:54 PM

To: Market Settlement User Group < <u>MarketSettlementUserGroup@caiso.com</u>>

Subject: RE: Settlements December 2018 Configuration Release

Hello Everyone,

A Draft Configuration Output File has been posted on 11/20/2018 at http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx under the headings 2018 release -> Independent 2018 -> Draft settlements technical documentation -> Settlements configuration file.

Updates to release component is listed in the table as highlighted in yellow and described briefly below. Configuration change implement updates to:

- a) PRR 1102 posted on 11/14/18 (System Resources PC variable and Bill Determinant name)
- b) PRR 1098 posted on 11/15/18 (CC 8835, revert previous change)
- c) PRR 1100 posted on 11/19/18 (CC 6700 and 6701, formula changes to reflect input sign convention)

The PRRs and respective BPMs can be found in this link: https://bpmcm.caiso.com/Pages/default.aspx .

The BRS link for logical meter calculation, LMC Transparency Enhancement is contained in this market notice link posted 11/19: http://www.caiso.com/Documents/LogicalMeterCalculationTransparencyEnhancement-BusinessRequirementsSpecificationPosted.html

The Settlements and Billing Design Standard Convention, and the Charge Code Matrix documents have been updated and posted on 11/14 at http://www.caiso.com/market/Pages/Settlements/Default.aspx under the following headings:

Market and administrative charges

ISO Market Charge Codes Matrix

Settlements technical documentation/Settlements technical documentation

Settlements and Billing Design Standard and Convention v5.16

Release Component Summary	
ISSUE SUMMARY	IMPACTS

CRR Auction Efficiency Phase 1B (CRR 1B)	PRR 1100: BPM CG CC 6700 CRR Hourly Settlement v5.12 BPM CG CC 6790 CRR Balancing Account v5.4 BPM CG CC 6701 Monthly CRR True-up v5.0 BPM CG CC 6706 Monthly CRRBA Clearing v5.0 BPM CG CC 4562 GMC CRR Services Charge v5.3 BPM CG CC 6703 CB CRR Adjustment Settlement v5.0
LMC Transparency Enhancement (Logical meter calculation)	PRR 1102: BPM CG CC System Resource Deemed Delivered Energy Quantity v5.2
Implement resource-level RAAIM availability incentive mechanism exclusion flags	PRR 1101: BPM CG CC 8830 Monthly Resource Adequacy Availability Incentive Mechanism Settlement v5.3 BPM CG CC 8831 Monthly Resource Adequacy Availability Incentive Mechanism Allocation v5.2
Update RAAIM neutrality PTB in CC 8835	PRR 1098: BPM CG CC 8835 Annual Resource Adequacy Availability Incentive Mechanism Neutrality v5.1

Release Artifact	Timeline
First Draft Configuration Output File	10/22/2018
Second Draft Configuration Output File	11/05/2018
Third Draft Configuration Output File	11/20/2018
Pre-Production Draft Configuration Output File	12/12/2018
Production Deployment	12/19/2018
Final Settlement Configuration Output File	12/19/2018

Thank you,

The Market Settlements Design & Configuration Team

From: Settlement User

Sent: Monday, November 05, 2018 5:26 PM

To: Market Settlement User Group < <u>MarketSettlementUserGroup@caiso.com</u>>

Subject: RE: Settlements December 2018 Configuration Release

Hello Everyone,

In accordance with below schedule, the Second Draft Configuration Output File has been posted today, 11/5/2018. Updates to release component is listed in yellow below. The PRRs and respective BPMs can be found in this link: https://bpmcm.caiso.com/Pages/default.aspx.

Release Component Summary	
ISSUE SUMMARY	IMPACTS
CRR Auction Efficiency Phase 1B (CRR 1B)	PRR 1100: BPM CG CC 6700 CRR Hourly Settlement v5.12 BPM CG CC 6790 CRR Balancing Account v5.4 BPM CG CC 6701 Monthly CRR True-up v5.0 BPM CG CC 6706 Monthly CRRBA Clearing v5.0 BPM CG CC 4562 GMC CRR Services Charge v5.3 BPM CG CC 6703 CB CRR Adjustment Settlement v5.0
EIM-BANC-SMUD Initiative (Logical meter calculation)	PRR 1102: BPM CG CC System Resource Deemed Delivered Energy Quantity v5.2

Implement resource-level RAAIM availability incentive mechanism exclusion flags	PRR 1101: BPM CG CC 8830 Monthly Resource Adequacy Availability Incentive Mechanism Settlement v5.3 BPM CG CC 8831 Monthly Resource Adequacy Availability Incentive Mechanism Allocation v5.2
Update RAAIM neutrality PTB in CC 8835	PRR 1098: BPM CG CC 8835 Annual Resource Adequacy Availability Incentive Mechanism Neutrality v5.1

Release Artifact	Timeline
First Draft Configuration Output File	10/22/2018
Second Draft Configuration Output File	11/05/2018
Pre-Production Draft Configuration Output File	12/12/2018
Production Deployment	12/19/2018
Final Settlement Configuration Output File	12/19/2018

Thank you,

The Market Settlements Design & Configuration Team

From: Settlement User

Sent: Monday, October 22, 2018 4:15 PM

To: Market Settlement User Group < MarketSettlementUserGroup@caiso.com>

Subject: RE: Settlements December 2018 Configuration Release

Hello Everyone,

The First Draft Configuration Output File has been posted today, 10/22/2018. The file can be found on <u>caiso.com</u> under **Stay Informed > Release Planning > 2018 releases > Independent 2018 > Draft settlements technical documentation** headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

Please submit any questions/comments as an "Inquiry Ticket" through CIDI.

Thank you,

The Market Settlements Design & Configuration Team

From: Kwong, Jennifer

Sent: Friday, October 19, 2018 4:23 PM

To: Market Settlement User Group < <u>MarketSettlementUserGroup@caiso.com</u>>

Subject: Settlements December 2018 Configuration Release

Hello Everyone,

In support of the CRR Auction Efficiency Phase 1B market simulation, updates to technical documents listed below have been posted 10/18/2018. In addition, the System Resource Deemed Delivered Energy Pre-calculation has been posted.

The files can be found on <u>caiso.com</u> under **Stay Informed > Release Planning > 2018 releases > Independent 2018 > Draft settlements technical documentation >**

headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

CG CC 6700 CRR Hourly Settlement v5.12<u>10/18/2018 14:13</u> CG CC 6706 Monthly CRRBA Clearing v5.0<u>10/18/2018 14:13</u> CG CC 6701 Monthly CRR True-Up v5.0<u>10/18/2018 14:12</u>

CG PC System Resource Deemed Delivered Energy Quantity v5.2 10/19/2018 15:05

The first draft Configuration output file that contains CRR 1B charge codes communicated earlier at the MSUG call this week to be available 10/19 has been delayed to 10/22 due to system unavailability. We apologize for the inconvenience.

CRR 1B and EIM-BANC SMUD initiatives are part of the December 2018 Quarterly Configuration Release, with components and release artifacts as listed below. Additional components of this release will be identified and included in the second draft configuration output file posting.

Thank you,

The Market Settlements Design & Configuration Team

Release Component Summary	
ISSUE SUMMARY	IMPACTS
CRR Auction Efficiency Phase 1B (CRR 1B)	PRR TBD: CG CC 6700 CRR Hourly Settlement v5.12 CG CC 6790 CRR Balancing Account v5.4 CG CC 6701 Monthly CRR True-up v5.0 CG CC 6706 Monthly CRRBA Clearing v5.0 CG CC 4562 GMC CRR Services Charge v5.3 CG CC 6703 CB CRR Adjustment Settlement v5.0
EIM-BANC-SMUD Initiative	PRR TBD: CG CC System Resource Deemed Delivered Energy Quantity v5.2

Release Artifact	Timeline
First Draft Configuration Output File	10/22/2018
Second Draft Configuration Output File	11/05/2018
Pre-Production Draft Configuration Output File	12/12/2018
Production Deployment	12/19/2018
Final Settlement Configuration Output File	12/19/2018