Hello Everyone,

In support of the fall 2018 settlement release, the pre-production configuration output file posted today October 17, 2018. This file can be found on caiso.com under **Release Planning > Fall 2018 Release > Draft settlements technical documentation** headings at:
http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

Also posted today are updates to the Charge Code Matrix, the Settlements and Billing Design Standard and Convention document, and the Settlements Interface Specification for Scheduling Coordinators. These artifacts can be found on caiso.com under the **Market & Operations > Settlements** page.

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

Thank you,

The Market Settlements Design & Configuration Team

Release Component Summary	
ISSUE SUMMARY	**IMPACTS**
Updates to existing BPMs to implement Commitment Cost Enhancements Phase 3 (CCE3) initiative	**PRR 1075:** BPM CG PC Start-Up and Minimum Load Cost_5.16 BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.5.2 BPM CG PC RA Availability Incentive Mechanism_5.6.2

	BPM CG PC RA Availability Incentive Mechanism_5.7.1
Settlements configuration and BPM updates to conform with changes due to the 2018 CAISO Tariff Clarifications Filing Process	**PRR 1076:** BPM CG CC 6090 Upward Ancillary Services Neutrality Allocation_5.2 BPM CG CC 6194 Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6294 Non Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6594 Regulation Up Obligation Settlement_5.1a BPM CG CC 6196 Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6296 Non Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6596 Regulation Up Neutrality Allocation_5.0b BPM for Settlements & Billing_v20
Update Settlement Charge Codes for energy storage and distributed energy resources phase 2 initiative	**PRR 1077:** BPM CG PC MSS Netting 5.8 BPM CG PC RUC No Pay Quantity 5.16 BPM CG PC Real Time Energy Quantity 5.18
Updates to BPM Configuration guide for PC RA Availability Incentive Mechanism related to NGR NREM resources and calculation of the Weight Factor	**PRR 1078:** BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.4.2 BPM CG PC RA Availability Incentive Mechanism_5.5.2

	BPM CG PC RA Availability Incentive Mechanism_5.6.2 BPM CG PC RA Availability Incentive Mechanism_5.7.1
Update Settlement Charge Codes input description for CRR Auction Efficiency Phase 1A initiative	**PRR 1079:** BPM CG CC 6798 CRR Auction Transaction Settlement_5.2a BPM CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a
Remove UDC attribute for MCC prices in FMM and RTD	**PRR 1080:** BPM CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement_5.3 BPM CG CC 6985 Real Time Marginal Losses Offset_5.4 BPM CG PC Real Time Congestion_5.4 BPM CG PC Real Time Energy Quantity_5.18 BPM CG PC Real Time Price_5.17
Update CC 6477 to allow for SMEC by BAA during Administrative Pricing event for valuing financial transfer	**PRR 1081:** BPM CG CC 6477 Real Time Imbalance Energy Offset_5.9
Update MSS Deviation Penalty Quantity pre calculation configuration to account for MSS LF IIE for an MSS LF resource	**PRR 1094:** BPM CG PC MSS Deviation Penalty Quantity_5.3.1 BPM CG PC MSS Deviation Penalty Quantity_5.4
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files

Release Artifact	Timeline
First Draft Configuration Output File	~~6/27/2018~~

Second Draft Configuration Output File	~~7/24/2018~~
Third Draft Configuration Output File	~~8/15/2018~~
Updated Configuration Output File: *non project updates*	~~9/5/2018~~
Updated Configuration Output File: *non project updates*	~~9/26/2018~~
Updated Configuration Output File: *non-project defect remediation*	~~10/3/2018~~
Pre-Production Draft Configuration Output File	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File	10/24/2018

From: Settlement User
Sent: Wednesday, October 3, 2018 3:39 PM
To: Market Settlement User Group <MarketSettlementUserGroup@caiso.com>
Subject: RE: Settlements Fall 2018 Configuration Release - Update

Hello Everyone,

In support of the fall 2018 settlement release, an updated configuration output file posted today October 3, 2018.

This is an unanticipated change to the UDC formulation highlighted below, resulting from a defect identified during regression testing. Three charge type calculations in RT Price pre-calculation retain the same formulation configured previously, but each is now split into two. This split accommodates the different attribute sets on the input variables to account for different effective dates. This change does not impact the BPM content or market simulation efforts.

Please also note the PRR for the MSS Deviation Penalty Quantity change is added below.

The updated configuration output file can be found on caiso.com under *Release Planning > Fall 2018 Release > 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

Release Component Summary	
ISSUE SUMMARY	IMPACTS
Updates to existing BPMs to implement Commitment Cost Enhancements Phase 3 (CCE3) initiative	**PRR 1075:** BPM CG PC Start-Up and Minimum Load Cost_5.16 BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.5.2

	BPM CG PC RA Availability Incentive Mechanism_5.6.2
	BPM CG PC RA Availability Incentive Mechanism_5.7.1
Settlements configuration and BPM updates to conform with changes due to the 2018 CAISO Tariff Clarifications Filing Process	**PRR 1076:**
	BPM CG CC 6090 Upward Ancillary Services Neutrality Allocation_5.2
	BPM CG CC 6194 Spinning Reserve Obligation Settlement_5.2a
	BPM CG CC 6294 Non Spinning Reserve Obligation Settlement_5.2a
	BPM CG CC 6594 Regulation Up Obligation Settlement_5.1a
	BPM CG CC 6196 Spinning Reserve Neutrality Allocation_5.0b
	BPM CG CC 6296 Non Spinning Reserve Neutrality Allocation_5.0b
	BPM CG CC 6596 Regulation Up Neutrality Allocation_5.0b
	BPM for Settlements & Billing_v20
Update Settlement Charge Codes for energy storage and distributed energy resources phase 2 initiative	**PRR 1077:**
	BPM CG PC MSS Netting 5.8
	BPM CG PC RUC No Pay Quantity 5.16
	BPM CG PC Real Time Energy Quantity 5.18
Updates to BPM Configuration guide for PC RA Availability Incentive Mechanism related to NGR NREM resources and calculation of the Weight Factor	**PRR 1078:**
	BPM CG PC RA Availability Incentive Mechanism_5.8
	BPM CG PC RA Availability Incentive Mechanism_5.4.2
	BPM CG PC RA Availability Incentive Mechanism_5.5.2

	BPM CG PC RA Availability Incentive Mechanism_5.6.2
	BPM CG PC RA Availability Incentive Mechanism_5.7.1
Update Settlement Charge Codes input description for CRR Auction Efficiency Phase 1A initiative	**PRR 1079:**
	BPM CG CC 6798 CRR Auction Transaction Settlement_5.2a
	BPM CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a
Remove UDC attribute for MCC prices in FMM and RTD	**PRR 1080:**
	BPM CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement_5.3
	BPM CG CC 6985 Real Time Marginal Losses Offset_5.4
	BPM CG PC Real Time Congestion_5.4
	BPM CG PC Real Time Energy Quantity_5.18
	BPM CG PC Real Time Price_5.17
Update CC 6477 to allow for SMEC by BAA during Administrative Pricing event for valuing financial transfer	**PRR 1081:**
	BPM CG CC 6477 Real Time Imbalance Energy Offset_5.9
Update MSS Deviation Penalty Quantity pre calculation configuration to account for MSS LF IIE for an MSS LF resource	**PRR 1094:**
	BPM CG PC MSS Deviation Penalty Quantity_5.3.1
	BPM CG PC MSS Deviation Penalty Quantity_5.4
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files

Release Artifact	Timeline
First Draft Configuration Output File	6/27/2018

Second Draft Configuration Output File	~~7/24/2018~~
Third Draft Configuration Output File	~~8/15/2018~~
Updated Configuration Output File: *non project updates*	~~9/5/2018~~
Updated Configuration Output File: *non project updates*	~~9/26/2018~~
Updated Configuration Output File: *non-project defect remediation*	10/3/2018
Pre-Production Draft Configuration Output File	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File	10/24/2018

From: Settlement User
Sent: Wednesday, September 26, 2018 3:00 PM
To: Market Settlement User Group <MarketSettlementUserGroup@caiso.com>
Subject: RE: Settlements Fall 2018 Configuration Release - Update

Hello Everyone,

In support of the fall 2018 settlement release, an updated configuration output file posted today September 26, 2018.

The current release scope as well as the impacted configuration guides are listed below. The configuration item without a PRR number is still in development and will follow the standard emergency BPM process.

The updated configuration output file can be found on caiso.com under *Release Planning > Fall 2018 Release > Draft settlements technical documentation* headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

The BPMs can be found attached to the relevant PRR on caiso.com under *Rules > Business Practice Manuals* in the BPM Change Management application.

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

Thank you,

The Market Settlements Design & Configuration Team

Release Component Summary	
ISSUE SUMMARY	**IMPACTS**
Updates to existing BPMs to implement Commitment Cost Enhancements Phase 3 (CCE3) initiative	**PRR 1075:** BPM CG PC Start-Up and Minimum Load Cost_5.16

	BPM CG PC RA Availability Incentive Mechanism_5.8
	BPM CG PC RA Availability Incentive Mechanism_5.5.2
	BPM CG PC RA Availability Incentive Mechanism_5.6.2
	BPM CG PC RA Availability Incentive Mechanism_5.7.1
Settlements configuration and BPM updates to conform with changes due to the 2018 CAISO Tariff Clarifications Filing Process	**PRR 1076:** BPM CG CC 6090 Upward Ancillary Services Neutrality Allocation_5.2 BPM CG CC 6194 Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6294 Non Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6594 Regulation Up Obligation Settlement_5.1a BPM CG CC 6196 Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6296 Non Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6596 Regulation Up Neutrality Allocation_5.0b BPM for Settlements & Billing_v20
Update Settlement Charge Codes for energy storage and distributed energy resources phase 2 initiative	**PRR 1077:** BPM CG PC MSS Netting 5.8 BPM CG PC RUC No Pay Quantity 5.16 BPM CG PC Real Time Energy Quantity 5.18
Updates to BPM Configuration guide for PC RA Availability Incentive Mechanism related to NGR NREM resources and calculation of the Weight Factor	**PRR 1078:** BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.4.2

	BPM CG PC RA Availability Incentive Mechanism_5.5.2
	BPM CG PC RA Availability Incentive Mechanism_5.6.2
	BPM CG PC RA Availability Incentive Mechanism_5.7.1
Update Settlement Charge Codes input description for CRR Auction Efficiency Phase 1A initiative	**PRR 1079:**
	BPM CG CC 6798 CRR Auction Transaction Settlement_5.2a
	BPM CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a
Remove UDC attribute for MCC prices in FMM and RTD	**PRR 1080:**
	BPM CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement_5.3
	BPM CG CC 6985 Real Time Marginal Losses Offset_5.4
	BPM CG PC Real Time Congestion_5.4
	BPM CG PC Real Time Energy Quantity_5.18
	BPM CG PC Real Time Price_5.17
Update CC 6477 to allow for SMEC by BAA during Administrative Pricing event for valuing financial transfer	**PRR 1081:**
	BPM CG CC 6477 Real Time Imbalance Energy Offset_5.9
Update MSS Deviation Penalty Quantity pre calculation configuration to account for MSS LF IIE for an MSS LF resource	BPM CG PC MSS Deviation Penalty Quantity_5.3.1
	BPM CG PC MSS Deviation Penalty Quantity_5.4
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files

Release Artifact	Timeline

First Draft Configuration Output File Posted	~~6/27/2018~~
Second Draft Configuration Output File Posted	~~7/24/2018~~
Third Draft Configuration Output File Posted	~~8/15/2018~~
Updated Configuration Output File – *non project updates*	~~9/5/2018~~
Updated Configuration Output File – *non project updates*	9/26/2018
Pre-Production Draft Configuration Output File Posted	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File Posted	10/24/2018

From: Settlement User
Sent: Wednesday, September 5, 2018 1:22 PM
To: Market Settlement User Group <MarketSettlementUserGroup@caiso.com>
Subject: Settlements Fall 2018 Configuration Release - Update

Hello Everyone,

In support of the fall 2018 settlement release, an updated configuration output file posted today, September 5, 2018.

The current release scope as well as the impacted configuration guides are listed below. The configuration item without a PRR number is still in development and will follow the standard emergency BPM process.

The updated configuration output file can be found on caiso.com under *Release Planning > Fall 2018 Release > Draft settlements technical documentation* headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

The BPMs can be found attached to the relevant PRR on caiso.com under *Rules > Business Practice Manuals* in the BPM Change Management application.

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

Thank you,

The Market Settlements Design & Configuration Team

Release Component Summary	
ISSUE SUMMARY	IMPACTS
Updates to existing BPMs to implement Commitment Cost Enhancements Phase 3 (CCE3) initiative	**PRR 1075:** BPM CG PC Start-Up and Minimum Load Cost_5.16 BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.5.2 BPM CG PC RA Availability Incentive Mechanism_5.6.2 BPM CG PC RA Availability Incentive Mechanism_5.7.1

Settlements configuration and BPM updates to conform with changes due to the 2018 CAISO Tariff Clarifications Filing Process	**PRR 1076:** BPM CG CC 6090 Upward Ancillary Services Neutrality Allocation_5.2 BPM CG CC 6194 Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6294 Non Spinning Reserve Obligation Settlement_5.2a BPM CG CC 6594 Regulation Up Obligation Settlement_5.1a BPM CG CC 6196 Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6296 Non Spinning Reserve Neutrality Allocation_5.0b BPM CG CC 6596 Regulation Up Neutrality Allocation_5.0b BPM for Settlements & Billing_v20
Update Settlement Charge Codes for energy storage and distributed energy resources phase 2 initiative	**PRR 1077:** BPM CG PC MSS Netting 5.8 BPM CG PC RUC No Pay Quantity 5.16 BPM CG PC Real Time Energy Quantity 5.18
Updates to BPM Configuration guide for PC RA Availability Incentive Mechanism related to NGR NREM resources and calculation of the Weight Factor	**PRR 1078:** BPM CG PC RA Availability Incentive Mechanism_5.8 BPM CG PC RA Availability Incentive Mechanism_5.4.2 BPM CG PC RA Availability Incentive Mechanism_5.5.2 BPM CG PC RA Availability Incentive Mechanism_5.6.2 BPM CG PC RA Availability Incentive Mechanism_5.7.1

Update Settlement Charge Codes input description for CRR Auction Efficiency Phase 1A initiative	**PRR 1079:** BPM CG CC 6798 CRR Auction Transaction Settlement_5.2a BPM CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a
Remove UDC attribute for MCC prices in FMM and RTD	**PRR 1080:** BPM CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement_5.3 BPM CG CC 6985 Real Time Marginal Losses Offset_5.4 BPM CG PC Real Time Congestion_5.4 BPM CG PC Real Time Energy Quantity_5.18 BPM CG PC Real Time Price_5.17
Update CC 6477 to allow for SMEC by BAA during Administrative Pricing event for valuing financial transfer	**PRR 1081:** BPM CG CC 6477 Real Time Imbalance Energy Offset_5.9
Update to deviation penalty calculation for MSS Load Following resources to account for exceptional dispatch	BPM CG PC MSS Deviation Penalty Quantity_5.4
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files

Release Artifact	Timeline
First Draft Configuration Output File Posted	~~6/27/2018~~
Second Draft Configuration Output File Posted	~~7/24/2018~~
Third Draft Configuration Output File Posted	~~8/15/2018~~
Updated Configuration Output File – *non project updates*	9/5/2018

Pre-Production Draft Configuration Output File Posted	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File Posted	10/24/2018

From: Ciubal, Melchor
Sent: Wednesday, August 15, 2018 2:50 PM
To: Market Settlement User Group <MarketSettlementUserGroup@caiso.com>
Subject: Settlements Fall 2018 Configuration Release - Update

Hello Everyone,

In support of the fall 2018 settlement release, the third draft configuration output file posted today, August 15, 2018.

The current release scope as well as the impacted configuration guides are listed below. This listing is subject to change and configuration guides for * items will be available as PRRs in September as part of the standard BPM Change Management process.

Also posted are updates to technical documents highlighted yellow; technical documents with a strikethrough mark are no longer applicable to the release and have been removed.

All documents can be found on caiso.com under *Release Planning > Fall 2018 Release > Draft settlements technical documentation* headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

Please note that the updated technical docs and configuration for Commitment cost enhancement phase 3 were made for following reason. Due to CCE3 functionality introduced in the 2018 Spring release (http://www.caiso.com/Documents/DraftFinalProposal-CommitmentCostEnhancementsPhase3.pdf , http://www.caiso.com/Documents/Spring2018ExternalDeploymentPlan12.pdf), validation of use limitations is no longer required in the RAAIM Precalc. All formulas related to the validation of outage cards and RAAIM exempt MW quantities related to resource Use Limitation have been removed. The SUC MLC Precalc has also been updated to remove formulas related to the removed validations. The ISO anticipates implementation on or about 10/24/18 in order to support a 5/1/18 effective trade date.

Release Component Summary	
ISSUE SUMMARY	IMPACTS
Commitment cost enhancements phase 3	CG PC Start-Up and Minimum Load Cost 5.16 ~~CG PC Metered Energy Adjustment Factor 5.14b~~ *(removed)* CG PC RA Availability Incentive Mechanism 5.8 CG PC RA Availability Incentive Mechanism_5.5.2 CG PC RA Availability Incentive Mechanism_5.6.2 CG PC RA Availability Incentive Mechanism_5.7.1 ~~CG PC Use-Limited Resource Utilization 5.0~~ *(removed)*
Tariff Bucket Filing	CG CC 6090 Upward Ancillary Services Neutrality Allocation 5.2 CG CC 6194 Spinning Reserve Obligation Settlement 5.2a CG CC 6294 Non Spinning Reserve Obligation Settlement 5.2a CG CC 6594 Regulation Up Obligation Settlement 5.1a CG CC 6196 Spinning Reserve Neutrality Allocation 5.0b

	CG CC 6296 Non Spinning Reserve Neutrality Allocation 5.0b CG CC 6596 Regulation Up Neutrality Allocation 5.0b BPM for Settlements & Billing*
Energy storage and distributed energy resources phase 2	CG PC MSS Netting 5.8 CG PC RUC No Pay Quantity 5.16 CG PC Real Time Energy Quantity 5.18
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files
Congestion revenue rights auction efficiency 1A	BPM - CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a* BPM - CG CC 6798 CRR Auction Transaction Settlement_5.2a*
Update to deviation penalty calculation for MSS Load Following resources to account for exceptional dispatch	BPM - CG PC MSS Deviation Penalty Quantity_5.4*
Remove UDC attribute for MCC prices in FMM and RTD	CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement v5.3 CG CC 6985 Real Time Marginal Losses Offset v5.4 CG PC Real Time Congestion v5.4 CG PC Real Time Energy Quantity 5.18 CG PC Real Time Price v5.17
Allow for system marginal energy cost per BAA	CG CC 6477 Real Time Imbalance Energy Offset v5.9
CRR Auction Efficiency 1A	BPM - CG CC 6798 CRR Auction Transaction Settlement _5.2a* BPM - CG CC 6799 CRR Auction Collateral Credit Settlement _5.0a*

[Adjust RAAIM Precalc to include Regulation in availability calculation](#)	CG PC RA Availability Incentive Mechanism_5.8
	BPM CG PC RA Availability Incentive Mechanism_5.4.2*
	CG PC RA Availability Incentive Mechanism_5.5.2
	CG PC RA Availability Incentive Mechanism_5.6.2
	CG PC RA Availability Incentive Mechanism_5.7.1
[Adjust RAAIM Precalc weight factor to consider RAAIM exemptions specific to Generic and Flex resource obligations](#)	CG PC RA Availability Incentive Mechanism_5.8
	CG PC RA Availability Incentive Mechanism_5.5.2
	CG PC RA Availability Incentive Mechanism_5.6.2
	CG PC RA Availability Incentive Mechanism_5.7.1

Release Artifact	Timeline
First Draft Configuration Output File Posted	6/27/2018
Second Draft Configuration Output File Posted	7/24/2018
Third Draft Configuration Output File Posted	8/15/2018
Pre-Production Draft Configuration Output File Posted	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File Posted	10/24/2018

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

Thank you,

The Market Settlements Design & Configuration Team

Hello Everyone,

In support of the fall 2018 settlement release, the second draft configuration output file posted today, July 24, 2018.

The current release scope as well as the impacted configuration guides are listed below. This listing is subject to change and configuration guides for * items will be available as PRRs in September as part of the standard BPM Change Management process.

Also posted are updates to technical documents highlighted yellow.

All documents can be found on caiso.com under *Release Planning > Fall 2018 Release > Draft settlements technical documentation* headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

Release Component Summary	
ISSUE SUMMARY	**IMPACTS**
Commitment cost enhancements phase 3	CG PC Start-Up and Minimum Load Cost 5.16 CG PC Metered Energy Adjustment Factor 5.14b CG PC RA Availability Incentive Mechanism 5.8 CG PC Use-Limited Resource Utilization 5.0
Tariff Bucket Filing	CG CC 6090 Upward Ancillary Services Neutrality Allocation 5.2 CG CC 6194 Spinning Reserve Obligation Settlement 5.2a CG CC 6294 Non Spinning Reserve Obligation Settlement 5.2a CG CC 6594 Regulation Up Obligation Settlement 5.1a CG CC 6196 Spinning Reserve Neutrality Allocation 5.0b CG CC 6296 Non Spinning Reserve Neutrality Allocation 5.0b CG CC 6596 Regulation Up Neutrality Allocation 5.0b BPM for Settlements & Billing*
Energy storage and distributed energy resources phase 2	CG PC MSS Netting 5.8 CG PC RUC No Pay Quantity 5.16 CG PC Real Time Energy Quantity 5.18
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files
Congestion revenue rights auction efficiency 1A	BPM - CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a* BPM - CG CC 6798 CRR Auction Transaction Settlement_5.2a*

Update to deviation penalty calculation for MSS Load Following resources to account for exceptional dispatch	BPM - CG PC MSS Deviation Penalty Quantity_5.4*
Remove UDC attribute for MCC prices in FMM and RTD	CG CC 6473 Convergence Bidding Real Time Energy Congestion and Loss Settlement v5.3 CG CC 6985 Real Time Marginal Losses Offset v5.4 CG PC Real Time Congestion v5.4 CG PC Real Time Energy Quantity 5.18 CG PC Real Time Price v5.17
Allow for system marginal energy cost per BAA	CG CC 6477 Real Time Imbalance Energy Offset v5.9
CRR Auction Efficiency 1A	BPM - CG CC 6798 CRR Auction Transaction Settlement_5.2a* BPM - CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a*
Adjust RAAIM Precalc to include Regulation in availability calculation	BPM CG PC RA Availability Incentive Mechanism_5.8* BPM CG PC RA Availability Incentive Mechanism_5.4.2* BPM CG PC RA Availability Incentive Mechanism_5.5.2* BPM CG PC RA Availability Incentive Mechanism_5.6.2* BPM CG PC RA Availability Incentive Mechanism_5.7.1*

Release Artifact	Timeline
First Draft Configuration Output File Posted	6/27/2018
Second Draft Configuration Output File Posted	7/24/2018
Third Draft Configuration Output File Posted	8/15/2018

Pre-Production Draft Configuration Output File Posted	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File Posted	10/24/2018

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

Thank you,

The Market Settlements Design & Configuration Team

From: Settlement User
Sent: Wednesday, June 27, 2018 1:30 PM
To: Market Settlement User Group <MarketSettlementUserGroup@caiso.com>
Subject: Settlements Fall 2018 Configuration Release

Hello Everyone,

In support of the fall 2018 settlement release, the first draft configuration output file posted today, June 27, 2018. The current release scope as well as the impacted configuration guides are listed below. This listing is subject to change and configuration guides for * items will be available as PRRs in September as part of the standard BPM Change Management process.

Also posting today are updates to initiative related technical documents highlighted yellow.

All documents can be found on caiso.com under *Release Planning > Fall 2018 Release > Draft settlements technical documentation* headings at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx

Release Component Summary	
ISSUE SUMMARY	IMPACTS
Commitment cost enhancements phase 3	CG PC Start-Up and Minimum Load Cost 5.16 CG PC Metered Energy Adjustment Factor 5.14b CG PC RA Availability Incentive Mechanism 5.8 CG PC Use-Limited Resource Utilization 5.0
Tariff Bucket Filing	CG CC 6090 Upward Ancillary Services Neutrality Allocation 5.2 CG CC 6194 Spinning Reserve Obligation Settlement 5.2a CG CC 6294 Non Spinning Reserve Obligation Settlement 5.2a CG CC 6594 Regulation Up Obligation Settlement 5.1a CG CC 6196 Spinning Reserve Neutrality Allocation 5.0b CG CC 6296 Non Spinning Reserve Neutrality Allocation 5.0b CG CC 6596 Regulation Up Neutrality Allocation 5.0b BPM for Settlements & Billing*

Energy storage and distributed energy resources phase 2	<mark>CG PC MSS Netting 5.8</mark> <mark>CG PC RUC No Pay Quantity 5.16</mark> <mark>CG PC Real Time Energy Quantity 5.18</mark>
Settlements performance improvements	Minimizing processing of zero and null values in BA and CAISO Bill Determinant files
Congestion revenue rights auction efficiency 1A	BPM - CG CC 6799 CRR Auction Collateral Credit Settlement_5.0a* BPM - CG CC 6798 CRR Auction Transaction Settlement_5.2a*
Update to deviation penalty calculation for MSS Load Following resources to account for exceptional dispatch	BPM - CG PC MSS Deviation Penalty Quantity_5.4*

Release Artifact	Timeline
First Draft Configuration Output File Posted	6/27/2018
Second Draft Configuration Output File Posted	7/24/2018
Third Draft Configuration Output File Posted	8/15/2018
Pre-Production Draft Configuration Output File Posted	10/17/2018
Production Deployment	10/24/2018
Final Settlement Configuration Output File Posted	10/24/2018

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

Thank you,

The Market Settlements Design & Configuration Team