



Release Notes – SIBR Rules Version 9.7x Fall 2017 Release

Revision History

Date	Version	By	Description
12/11/2015	1.0	WT	Initial Draft for Fall 2017 set. BR(v9.7)



For the version 1.0 this will be the Baseline Release and is referenced in the revision history as the Initial Draft. For modifications and adjustments of the SIBR Rules that come after the Baseline Release the revision history will show an Incremental change with the new BR(vX.X.x). The incremental changes will be listed on top of the baseline.

The Baseline Release will identify all the Projects associated with the SIBR Release and if there are any changes to the UI or API web services. Changes to the UI will be documented in the SIBR SC Users Guide or the BSAP Users Guide, web services changes will be documented in the Technical Specifications and posting of the related artifacts on the Release Planning page.

Contents

//////////////////////////////////// Baseline Release //////////////////////////////////////	2
SIBR Fall 2017 Release Impacts	3
SIBR Fall Release Projects (included Independent Projects)	3
Revision History for Rules: (9.7.).....	3
Revision of Terms for the Fall 2017 Release:	4
SIBR Impacted Rules - Fall 2017 Release:.....	5

//////////////////////////////////// Baseline Release //////////////////////////////////////

This set of Release Notes covers the changes going forward from SIBR Rules Version 9.4.2 to 9.7 (Note there is no ruleset for 9.5 this set is skipped.)



SIBR Fall 2017 Release Impacts

SIBR UI	NO
SIBR Web Services	Yes (for EIM CASupplyIndicator element) Tech Spec updated.
SIBR Rules	Yes

Please visit the SIBR user documentation on the Release Planning page for the updates to the documents.
<http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

SIBR SC Users Guide – UI changes will be documented in this document.
 SIBR Interface Specifications - all web service (wsdl, xsd, xml) changes will be documented in this document.
 SIBR Business Rules for Bidding – Complete set of SIBR Business Rules.

SIBR Fall Release Projects (included Independent Projects)

The **2017 Fall Release** SIBR Rules capture changes associated with the following projects targeted for implementation near November 1st. <http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

Bidding Rules Enhancements part B (BRE-B)
 GHG Enhancement for EIM (GHG) – this is not yet enabled on the Market side but changes are available in SIBR rules and API.

Biddin rules enhancements – generator commitment cost improvements

SIBR will provide bid data to supplement Competitive Solicitation Process (CSP offers) to the market application for optimization.

<http://www.caiso.com/Documents/BusinessRequirementsSpecification-BiddingRulesEnhancements-GeneratorCommitmentCostImprovements.pdf>

Revision History for Rules: (9.7.)

9.6	3/8/2017	Corrected typo in 41101 and 41201.
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9.6	3/8/2017	Added 41102 and 41202 to fill in missing Start-Up and Minimum Load Cost Bid Components from previous RTM Clean Bids.
9.6	3/8/2017	Added 41103 to prevent rebidding the Start-Up Bid Component in RTM for a Trading Hour after the Generating Resource receives a RTM Binding Start-Up Instruction to the relevant Online Generating Resource State.
9.6	3/8/2017	Added 41208 to prevent rebidding the Minimum Load Cost Bid Component in RTM for the duration of the relevant Minimum Up Time after the Generating Resource receives a RTM Binding Start-Up Instruction or a RTM Binding State Transition Instruction to the relevant Online Generating Resource State.
9.6.1	4/25/2017	Modified 41101 and 41103 to allow rebidding the Start-Up Bid Component in RTM if there is a non-Binding RUC Start-Up Instruction.
9.6.1	4/25/2017	Modified 41201 and 41208 to allow rebidding the Minimum Load Cost Bid Component in RTM if there is a non-Binding RUC Start-Up Instruction.
9.6.1	4/25/2017	Modified 41971 to allow rebidding the State Transition Bid Component in RTM if there is a non-Binding RUC Start-Up Instruction.
9.6.1	4/25/2017	Added 41975 to fill in missing State Transition Bid Component from previous RTM Clean Bids.
9.6.1	4/25/2017	Added 41976 to prevent rebidding the State Transition Bid Component in RTM for a Trading Hour after the Generating Resource receives a RTM Binding Transition Instruction.
9.7	3/10/2017	Modify 21642 to add CA Supply Indicator to the GHG Bid Component.
9.7	3/10/2017	Added 31644 for CA Supply Indicator validation.
9.7	3/10/2017	Added 41643 for CA Supply Indicator processing.

Revision of Terms for the Fall 2017 Release:

CA Supply Indicator	A Y/N flag for EIM Participating Resources to indicate that they have an agreement with a LSE to serve load in CA. These resources are allowed to receive a GHG allocation in the first RTM pass that determines the GHG allocation reference for the second pass.
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SIBR Impacted Rules - Fall 2017 Release:

Rule changes for the SIBR Rules up to Version 9.7x are located below. Modified Text in red, new rules will be all red.

New rules 9.6 are as follows:

Market	Business Rule ID	Business Rule Numbering				Description	Comments
RTM	41101	4	1	1	1	If there is a Day-Ahead Schedule, a Day-Ahead Ancillary Services Award, a RUC Schedule, or RUC Start-Up Instruction for the Generating Resource and Trading Hour specified in a Generating Resource Bid, all Start-Up Bid Components of the DAM Clean Bid for that Generating Resource must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	After the Market Clearing this rule applies only to Generated Bids.
RTM	41102	4	1	1	2	If there is no Start-Up Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, but there is a RTM Clean Bid for that Generating Resource in the Active Day with a Start-Up Cost Bid Component for that Online Generating Resource State, that Start-Up Bid Component of the latest such RTM Clean Bid must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	After the Market Clearing this rule applies only to Generated Bids.
RTM	41103	4	1	1	3	If there is a Start-Up Cost Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, and there is no Day-Ahead Schedule, Day-Ahead Ancillary Services Award, RUC Schedule, or RUC Start-Up Instruction for that Generating Resource and Trading Hour, but there is a RTM Binding Start-Up Instruction for that Online Generating Resource State for that Generating Resource and Trading Hour, the Start-Up Bid Component of the Multi-Period Bid for that Online Generating Resource State for that Generating Resource and Trading Hour must be copied for that Online Generating	

						Resource State into that Generating Resource Bid.	
RTM	41201	4	1	2	1	If there is a Day-Ahead Schedule, a Day-Ahead Ancillary Services Award, a RUC Schedule, or RUC Start-Up Instruction for the Generating Resource and a Bid Period in the Trading Hour specified in a Generating Resource Bid, all Minimum Load Cost Bid Components of the DAM Clean Bid for that Generating Resource must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	After the Market Clearing this rule applies only to Generated Bids.
RTM	41202	4	1	2	2	If there is no Minimum Load Cost Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, but there is a RTM Clean Bid for that Generating Resource in the Active Day with a Minimum Load Cost Bid Component for that Online Generating Resource State, that Minimum Load Cost Bid Component of the latest such RTM Clean Bid must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	After the Market Clearing this rule applies only to Generated Bids.
RTM	41208	4	1	2	3	If there is a Minimum Load Cost Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, and there is no Day-Ahead Schedule, Day-Ahead Ancillary Services Award, RUC Schedule, or RUC Start-Up Instruction for that Generating Resource and Trading Hour, but there is a RTM Binding Start-Up Instruction or a RTM Binding State Transition Instruction to that Online Generating Resource State for that Trading Hour or a previous Trading Hour (in the current or previous Trading Day) that is not earlier than the Trading Hour specified in that Bid reduced by the registered Minimum Up Time for that Online Generating Resource State, the Minimum Load Cost Bid Component of the Multi-Period Bid for that Online Generating Resource State for that Generating Resource and Trading Hour, must be copied for that Online Generating Resource State into that Generating Resource Bid.	

New and revised rules 9.6.1 are as follows:

Market	Business Rule ID	Business Rule Numbering				Description	Comments
RTM	41101	4	1	1	1	If there is a Day-Ahead Schedule, a Day-Ahead Ancillary Services Award, a RUC Schedule , or <u>a Binding</u> RUC Start-Up Instruction for the Generating Resource and Trading Hour specified in a Generating Resource Bid, all Start-Up Bid Components of the DAM Clean Bid for that Generating Resource must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the	After the Market Clearing this rule applies only to Generated Bids.

						External Bid Status to "MI" (Valid).	
RTM	41103	4	1	1	3	If there is a Start-Up Cost Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, and there is no Day-Ahead Schedule, Day-Ahead Ancillary Services Award, a RUC Schedule , or <u>a Binding</u> RUC Start-Up Instruction for that Generating Resource and Trading Hour, but there is a RTM Binding Start-Up Instruction for that Online Generating Resource State for that Generating Resource and Trading Hour, the Start-Up Bid Component of the Multi-Period Bid for that Online Generating Resource State for that Generating Resource and Trading Hour must be copied for that Online Generating Resource State into that Generating Resource Bid.	
RTM	41201	4	1	2	1	If there is a Day-Ahead Schedule, a Day-Ahead Ancillary Services Award, a RUC Schedule , or <u>a Binding</u> RUC Start-Up Instruction for the Generating Resource and a Bid Period in the Trading Hour specified in a Generating Resource Bid, all Minimum Load Cost Bid Components of the DAM Clean Bid for that Generating Resource must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	After the Market Clearing this rule applies only to Generated Bids.
RTM	41208	4	1	2	3	If there is a Minimum Load Cost Bid Component for an Online Generating Resource State for the Generating Resource and Trading Hour specified in a Generating Resource Bid, and there is no Day-Ahead Schedule, Day-Ahead Ancillary Services Award, a RUC Schedule , or <u>a Binding</u> RUC Start-Up Instruction for that Generating Resource and Trading Hour, but there is a RTM Binding Start-Up Instruction or a RTM Binding State Transition Instruction to that Online Generating Resource State for that Trading Hour or a previous Trading Hour (in the current or previous Trading Day) that is not earlier than the Trading Hour specified in that Bid reduced by the registered Minimum Up Time for that Online Generating Resource State, the Minimum Load Cost Bid Component of the Multi-Period Bid for that Online Generating Resource State for that Generating Resource and Trading Hour, must be copied for that Online Generating Resource State into that Generating Resource Bid.	
RTM	41971	4	1	12	1	If there is a Day-Ahead Schedule, a Day-Ahead Ancillary Services Award, a RUC Schedule , or <u>a Binding</u> RUC Start-Up Instruction for the Generating Resource and a Bid Period in the Trading Hour specified in a Generating Resource Bid, the State Transition Bid Component of the DAM Clean Bid for that Generating Resource must be copied into that Generating Resource Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	MSG only. After the Market Clearing this rule applies only to Generated Bids.
RTM	41975	4	1	12	2	If there is no State Transition Bid Component for the Generating Resource and Trading Hour specified in a Generating Resource Bid, but there is a RTM Clean Bid for that Generating Resource in the Active Day with a State Transition Bid Component, the State Transition Bid Component of the latest such RTM Clean Bid must be copied into that Generating Resource	After the Market Clearing this rule applies only to Generated Bids.



						Bid. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	
RTM	41976	4	1	12	3	If there is a State Transition Bid Component for the Generating Resource and Trading Hour specified in a Generating Resource Bid, and there is no Day-Ahead Schedule, Day-Ahead Ancillary Services Award, or a Binding RUC Start-Up Instruction for that Generating Resource and Trading Hour, but there is a RTM Binding State Transition Instruction for that Trading Hour, the State Transition Bid Component of the Multi-Period Bid for that Generating Resource and Trading Hour, must be copied into that Generating Resource Bid.	MSG only.

New and revised rules 9.7 are as follows:

Market	Business Rule ID	Business Rule Numbering				Description	Comments
RTM	21642	2	1	14	2	A Greenhouse Gas Bid Component in a Generating Resource must specify a Greenhouse Gas Capacity (MW) and a Greenhouse Gas Price (\$/MWh), and may specify a CA Supply Indicator.	
RTM	31644	3	1	14	4	The CA Supply Indicator specified in a Greenhouse Gas Bid Component, if any, must be either "Yes" or "No".	
RTM	41643	4	1	14	3	If there is no CA Supply Indicator in a Greenhouse Gas Bid Component, a CA Supply Indicator of "No" must be generated in that Greenhouse Gas Bid Component. If the External Bid Status is not set to "M" (Modified) or "CM" (Conditionally Modified), set the External Bid Status to "MI" (Valid).	

The full set of the SIBR Rules can be seen under SIBR user documentation under the Release Planning for Fall 2017 release/ in SIBR user documentation
<http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx>

END Document