

Release Notes – SIBR Rules Version 3.10.8.5 (Proxy Demand Resources, HASP AS)

This set of Release Notes covers the changes from SIBR Rules Version 3.10.8.2

These changes are for modifications made that will support the use of Proxy Demand Resources and to support the HASP AS for Inter-Tie Generating (TG) Resources.

- There are new terms added in SIBR for Proxy Demand Resource (PDR), Distribution Status, HPD Resource and HPD TG. The term for Inter-Tie Generating Resource was modified.

Distribution Status: The Static or Dynamic nature of the Schedule or Dispatch distribution of an Aggregate Generating Resource.

Hourly Pre-Dispatched Resource: A Resource dispatched at the same Operating Level over a Trading Hour of a Real-Time Market.

Hourly Pre-Dispatched Inter-Tie Generating Resource: An Inter-Tie Generating Resource dispatched at the same Operating Level over a Trading Hour of a Real-Time Market.

Proxy Demand Resource: A logical Generating Resource used to model demand response.

Inter-Tie Generating Resource: A Generating Resource at a Scheduling Point.

New Master File requirements have been set to determine if a resource is a PDR and whether the PDR Generating Distribution Factor (GDF) is either "Static", or "Dynamic". For Inter-Tie resources and TG resources capacity for AS must all be an integer value, as well as TG maximum capacity must be an integer.

Rules impacted		
Deleted	None	
Modified	6	31427, 31428, 31429, 51023, 51008, 31437
Added	12	31460, 31461, 31462, 31463, 31323, 31324, 31806, 31464, 33352, 31508, 31518, 31008
<i>Total Modifed/Added</i>	<i>18</i>	

Rule changes from the SIBR BR 3.10.8.5 are listed below on the following pages. (Modified rules first)

Previous Rule 31427	Each set of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, including the last set of consecutive Trading Hours, if it does not include the first Trading Hour but it includes the last Trading Hour of the previous Trading Day, where there is a positive Day-Ahead Schedule or a positive RUC Schedule for that Generating Resource in these Trading Hours, and excluding the last set of consecutive Trading Hours, if it includes the last Trading Hour of the Trading Day specified in that Bid, must not be less than the registered Minimum Up Time for that Generating Resource and Trading Day, rounded up to the next hour.
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<p>3.10.8.5 31427</p>	<p>The duration for each set of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, including the last set of consecutive Trading Hours in the previous Trading Day, if it does not include the first Trading Hour but it includes the last Trading Hour of the previous Trading Day, where there was a Self-Schedule Bid Component in the Day-Ahead Clean Bid for that Generating Resource in the previous Trading Day, and excluding the last set of consecutive Trading Hours, if it includes the last Trading Hour of the Trading Day specified in that Bid, must not be less than the registered Minimum Up Time for that Generating Resource and Trading Day, rounded up to the next hour.</p>
<p>Previous Rule 31428</p>	<p>The duration between any two sets of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, including the last set of consecutive Trading Hours in the previous Trading Day where there is a positive Day-Ahead Schedule or a positive RUC Schedule for that Generating Resource in these Trading Hours, must not be less than the registered Minimum Down Time for that Generating Resource and Trading Day, rounded up to the next hour.</p>
<p>3.10.8.5 31428</p>	<p>The duration between any two sets of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, including the last set of consecutive Trading Hours in the previous Trading Day where there was a Self-Schedule Bid Component in the Day-Ahead Clean Bid for that Generating Resource in the previous Trading Day, except if the next such set includes the first Trading Hour of the Trading Day specified in that Bid, must not be less than the registered Minimum Down Time for that Generating Resource and Trading Day, rounded up to the next hour.</p>

<p>Previous Rule 31429</p>	<p>The number of all sets of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, excluding the first set of consecutive Trading Hours, if it includes the first Trading Hour of the Trading Day specified in the Bid and there is a positive Day-Ahead Schedule or a positive RUC Schedule for that Generating Resource in the last Trading Hour of the previous Trading Day, must not be greater than the registered Maximum Daily Start-Ups for that Generating Resource and Trading Day.</p>
<p>3.10.8.5 31429</p>	<p>The number of all sets of consecutive Trading Hours where a Generating Resource Bid has a Self-Schedule Bid Component or an Ancillary Service Self-Provision Bid Component, except for Non-Spinning Reserve Self-Provision Bid Components if the Generating Resource specified in that Bid is registered as a FSU for the Trading Day specified in that Bid, excluding the first set of consecutive Trading Hours, if it includes the first Trading Hour of the Trading Day specified in that Bid and there was a Self-Schedule Bid Component in the Day-Ahead Clean Bid for that Generating Resource in the last Trading Hour of the previous Trading Day, must not be greater than the registered Maximum Daily Start-Ups for that Generating Resource and Trading Day.</p>
<p>Previous Rule 31437</p>	<p>The Total Self-Schedule Quantity derived from all Generating Resource Self-Schedule Bid Components for each Trading Hour in the Bid Period specified in a Generating Resource Bid must be an integer, if and only if the Generating Resource specified in that Bid is registered as an Inter-Tie Generating Resource for the Bid Period specified in that Bid.</p>
<p>3.10.8.5 31437</p>	<p>The Total Self-Schedule Quantity derived from all Generating Resource Self-Schedule Bid Components for each Trading Hour in the Bid Period specified in a Generating Resource Bid must be an integer if the Generating Resource specified in that Bid is registered as an Inter-Tie Generating Resource for the Bid Period specified in that Bid.</p>

3.10.8.5	New Rules
3.10.8.5 31008	The Contingency Dispatch Indicator specified in a Generating Resource Bid, if any, must be "Yes" if the Generating Resource specified in that Bid is registered as an Hourly Pre-Dispatched Inter-Tie Generating Resource for the Bid Period specified in that Bid.
3.10.8.5 31323	The first (lowest) Energy Bid Quantity of the Energy Bid Curve specified in an Energy Bid Component of a Generating Resource Bid must be equal to the registered Minimum Load for the Generating Resource and Bid Period specified in that Bid, if that Generating Resource is registered as a PDR for that Bid Period.
3.10.8.5 31324	The first (lowest) Energy Bid Quantity of the Energy Bid Curve specified in an Energy Bid Component of a Generating Resource Bid must be less than or equal to the higher of the Minimum Load or the Day-Ahead Schedule for the Generating Resource and Trading Hour specified in that Bid, if that Generating Resource is registered as a PDR for that Trading Hour.
3.10.8.5 31460	If there is a Self-Schedule Bid Component for a Trading Hour in a Generating Resource Bid and the Generating Resource specified in that Bid is registered as a PDR for that Trading Hour, there must be an Ancillary Service Self-Provision Bid Component for the same Trading Hour in that Bid.

3.10.8.5 31461	If there is a Self-Schedule Bid Component for a Trading Hour in a Generating Resource Bid and the Generating Resource specified in that Bid is registered as a PDR for that Trading Hour, there must be an Ancillary Service Self-Provision Bid Component for the same Trading Hour in that Bid, or a Day-Ahead Schedule or a Day-Ahead Ancillary Service Award for that Generating Resource and Trading Hour.
3.10.8.5 31462	The Total Self-Schedule Quantity derived from all Self-Schedule Bid Components for a Trading Hour in a Generating Resource Bid must be equal to the registered Minimum Load for the Generating Resource and Bid Period specified in that Bid, if that Generating Resource is registered as a PDR for that Bid Period.
3.10.8.5 31463	The Total Self-Schedule Quantity derived from all Self-Schedule Bid Components for a Trading Hour in a Generating Resource Bid must be less than or equal to the higher of the registered Minimum Load or the Day-Ahead Schedule for the Generating Resource and Trading Hour specified in that Bid, if that Generating Resource is registered as a PDR for that Trading Hour.
3.10.8.5 31464	The Total Self-Schedule Quantity derived from all Self-Schedule Bid Components specified in a Generating Resource Bid must not be greater than the Day-Ahead Schedule of the Generating Resource and Trading Hour specified in that Bid, if that Generating Resource is registered as an Hourly Pre-Dispatched Inter-Tie Generating Resource certified for Spinning or Non-Spinning Reserve for that Trading Hour.
3.10.8.5 31508	The Ancillary Service Capacity specified in a Generating Resource Ancillary Service Bid Component must be an integer if the Generating Resource specified in that Bid is registered as an Inter-Tie Generating Resource for the Bid Period specified in that Bid.

<p>3.10.8.5 31518</p>	<p>The Ancillary Service Self-Provision Capacity specified in a Generating Resource Ancillary Service Self-Provision Bid Component must be an integer if the Generating Resource specified in that Bid is registered as an Inter-Tie Generating Resource for the Bid Period specified in that Bid.</p>
<p>3.10.8.5 31806</p>	<p>If there is a Distribution Bid Component in a Generating Resource Bid and the Generating Resource specified in that Bid is registered as a PDR for the Bid Period specified in that Bid, the registered Distribution Status for that PDR and Bid Period must be "Dynamic".</p>
<p>3.10.8.5 33352</p>	<p>The Ancillary Service Capacity specified in an Inter-Tie Resource Ancillary Service Bid Component must be an integer.</p>

END