



RTC+B Market Submissions Changes

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ERCOT Public
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New/Modified Market Submissions in RTC+B

RTC+B Input Changes	Current Implementation	RTC+B Changes	Details
COP	<ul style="list-style-type: none"> Resource limits and status AS Responsibility from DAM/SASM AS Awards and Self-Arranged 	<ul style="list-style-type: none"> AS Responsibility is replaced by AS Capability by AS type AS Capability represents a resource's total AS capacity available by AS type HSL, LSL, HEL, LEL can be negative for ESR 	<ul style="list-style-type: none"> AS Capability Fields: REGUP REGDN RRSPFR RRSUFR RRSFFR ECRS – ECRSS/ECRSM based on Res Type NSPIN – OFFNS/ONNS/NSPNM SCED will use telemetered AS Capability
Resource AS Offers	Used by DAM/SASM	<ul style="list-style-type: none"> Resource AS Offers in the DAM will also be used in RUC and SCED if not cancelled prior to the relevant study interval SASM being removed 	<ul style="list-style-type: none"> Existing AS Offer structure will be used for DAM, RUC, and SCED. RUC and SCED Resource AS Offers same as current DAM/SASM AS Offers
AS Only Offers(new)	N/A	<ul style="list-style-type: none"> Implement virtual AS Only Offers for DAM Only used by DAM 	<ul style="list-style-type: none"> Virtual AS Offers are not associated with any resource Each offer can have up to 5 price/quantity block pairs Only 1 AS Type per AS Only Offer. Multiple offers for same AS Type allowed by Offer ID 5 AS Types for AS-Only REGUP REGDN RRSPF ECRSS ONNS

New/Modified Market Submissions in RTC+B

RTC+B Input Changes	Current Implementation	RTC+B Changes	Details
ESR Energy Bid/Offer Curve(new)	N/A	<ul style="list-style-type: none"> Single curve used for both gen and load side of ESR used by DAM/RUC/SCED 	<ul style="list-style-type: none"> Existing TPO submission will be used EOC where negative MW values can be submitted as part of the curve. Negative MW values indicate the bid side (charging) while positive MW values indicate the offer side (discharging)
Three Part Offer	Used by DAM/RUC/SCED	<ul style="list-style-type: none"> Allow negative MW quantities for ESRs to implement ESR Energy Bid/Offer Curve for DAM/RUC/SCED 	<ul style="list-style-type: none"> Only change is for ESR

Market Manager UI RTC+B changes – DAM AS-Only Offers

Welcome [redacted] Last Updated: May 13 2024 12:12

MARKET MANAGER

Trades Resource-Specific Bids and Offers Schedules Self Arranged AS Resource Parameters Reports Notices VDI Notification

Add DAM AS-Only Offer

Refresh

Select Submission Type

- Select Submission Type
- DAM Energy-Only Offer
- DAM Energy Bid
- PTP Obligation w/ Links to Option
- PTP Obligation Bid

Create New

DAM Energy-Only Offer DAM Energy Bid PTP Obligation w/ Links to Option PTP Obligation Bid

▼ Query DAM Energy-Only Offer

Operating Day May 13 2024

Settlement Point Load Zone Select All Hub Select All Resource Node Select All

Bid/Offer ID

Show Results

store default settings

Market Manager UI RTC+B changes – Resource Parameters

MARKET MANAGER

Trades

Resource-Specific

Bids and Offers

Schedules

Self Arranged AS

Resource Parameters

Reports

Notices

VDI

Notification

ERCOT

▼ Query Resource Parameters

Restore default settings

Resource Type

Select One

Select One

Generation Resource Parameters

Non-Controllable Load Resource Parameters

Controllable Load Resource Parameters

Show Results

Generation Resource Parameters

Resource Name

Generation Resource Parameter Details

Normal	Ramp Rate Up	Ramp Rate Down	Break Point
Add new row	100 MW/min	100 MW/min	1 MW

Emergency	Ramp Rate Up	Ramp Rate Down	Break Point
Add new row	100 MW/min	100 MW/min	1 MW

Minimum Online Time

0.0

hours

Minimum Offline Time

0.0

hours

Maximum Online Time

0.0

hours

Maximum Daily Starts

0

Maximum Weekly Starts

0

Maximum Weekly Energy

200

MWh

Hot Start Time

0.0

hours

Intermediate Start Time

0.0

hours

Cold Start Time

0.0

hours

Hot to Intermediate

0.0

hours

Intermediate to Cold

0.0

hours

Reason

DEFAULT

Close

Cancel Submission

Update

Add ESR Parameters to Generation Resource Parameters display (these are not required for non-ESRs):

- Min SOC
- Max SOC
- Round Trip Efficiency

ercot

Market Manager UI RTC+B changes - COP

Create Current Operating Plan

Operating Day Resource Name

Query for Existing Submission

Current Operating Plan Details

Hr End		0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
	Resource Status	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>	<input type="text" value="OFF"/>
Limits	HEL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	HSL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	LSL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	LEL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Max SOC	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Min SOC	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Target Begin SOC	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
AS Resource Responsibility	Reg-Up	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Reg-Down	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	RRSPF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	RRSFF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	RRSUF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Non-Spin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	ECRS	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

To be replaced with AS Resource Capability

Warning: Any new submission will overwrite existing submission for the same day and resource.

Close Submit

Market Manager UI RTC+B changes - Reports

Welcome, [] Last Updated: May 13 2024 11:56

MARKET MANAGER

Trades Resource-Specific Bids and Offers Schedules Self Arranged AS Resource Parameters **Reports** Notices VDI Notification

▼ Query Reports [Restore default settings](#)

Operating Day: May 13 2024

Report Type: Select One

- Select One
- DAM Ancillary Service (AS) Insufficiency
- DAM Ancillary Service (AS) Obligations
- DAM Ancillary Service (AS) Offer Awards
- DAM Energy-Only Bid Awards
- DAM Energy-Only Offer Awards
- DAM PTP Obligation Bid Awards
- DAM PTP Obligation w/ Links to Option Awards
- DAM Three-Part Offer Awards
- Daily RUC Startup/Shutdown Instructions
- End of Adjustment Period Validation
- Hourly RUC Startup/Shutdown Instructions
- Phase 2 Validation
- SASM AS Obligations
- SASM AS Awards
- Two Hour Validation

Remove DAM AS Insufficiency Report

Replace DAM AS Obligation with DAM Advisory Ancillary Service (AS) Obligations
Add DAM Final Ancillary Service (AS) Obligations

Add DAM AS-Only Offer Awards

Remove SASM Reports

Show Results