RTC+B
Market Submissions Changes

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ERCOT Public
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New/Modified Market Submissions in RTC+B

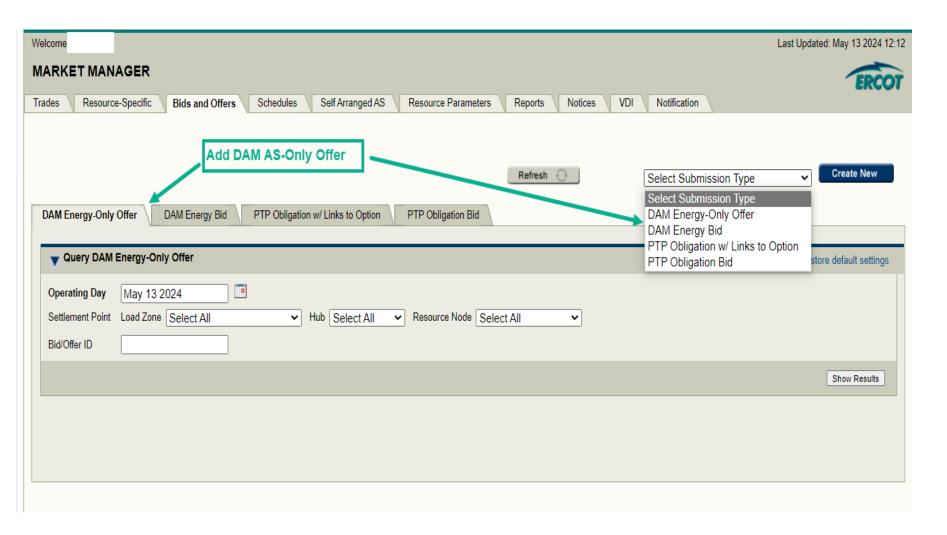| RTC+B Input Changes	Current Implementation	RTC+B Changes	Details

COP	• Resource limits and status
	
	• AS Responsibility from DAM/SASM AS Awards and Self-Arranged
		• 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
			• 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	• 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	• 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	• Implement virtual AS Only Offers for DAM
		• Only used by DAM
			• 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

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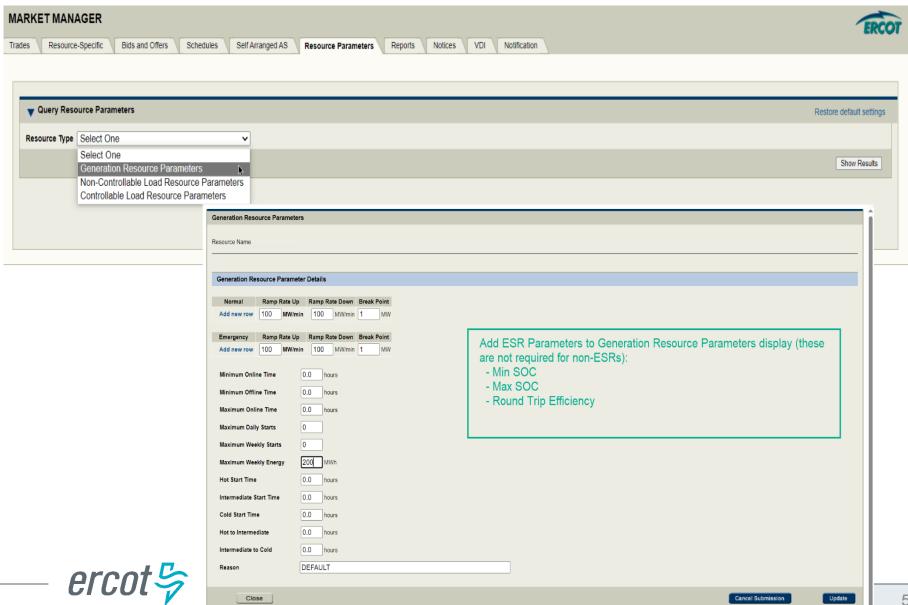| RTC+B Input Changes	Current Implementation	RTC+B Changes	Details
ESR Energy Bid/Offer Curve(new)	N/A	• Single curve used for both gen and load side of ESR used by DAM/RUC/SCED	• Existing TPO submission will be used • EOC where negative MW values can be submitted as part of the curve. Negative MW values indicate the bid side (charging) while positive MW values indicate the offer side (discharging)
Three Part Offer	Used by DAM/RUC/SCED	• Allow negative MW quantities for ESRs to implement ESR Energy Bid/Offer Curve for DAM/RUC/SCED	• Only change is for ESR

![ercot logo]

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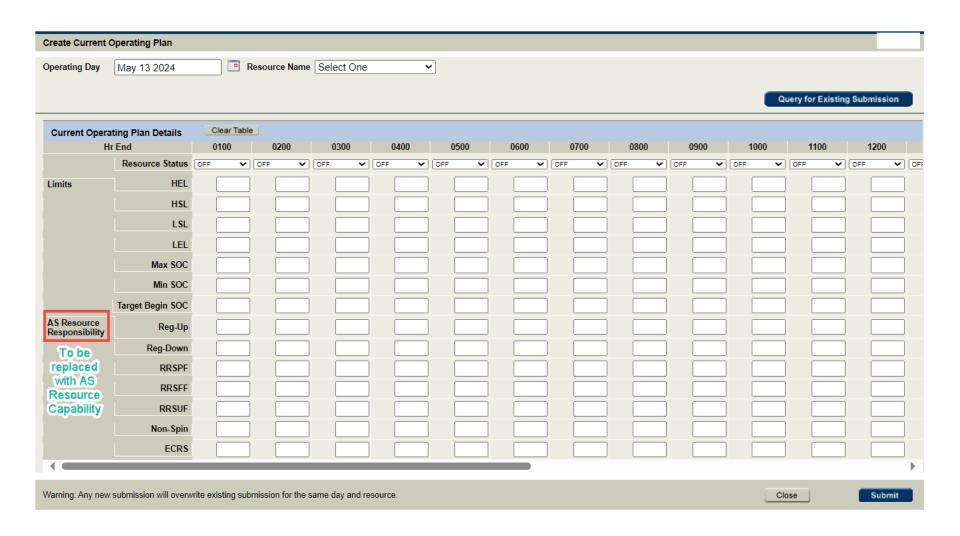# Market Manager UI RTC+B changes – DAM AS-Only Offers

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Market Manager UI RTC+B changes – Resource Parameters

Market Manager UI RTC+B changes - COP

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Market Manager UI RTC+B changes - Reports