



## **Market Participant Readiness Activities**

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### Section 3: Management Activities for the ERCOT System

			Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
3.1	Outage Coordination			x				x	x				
3.3	Management of Changes to ERCOT Transmission Grid								x				
3.4	Load Zones	x						x		x	x		
3.5	Hubs	x						x		x			
3.6	Load Participation	x				x	x	x		x			
3.7	Resource Parameters	x					x	x					
3.9	COP	x					x	x					
3.10	Modeling	x					x	x	x				
3.11	Transmission Planning									x			
3.12	Load Forecasting				x	x	x	x					
3.13	RPP Forecasts							x	x				x
3.14	Contracts for RMR			x									
3.15	Voltage Support									x			
3.18	Resource Limits Providing AS	x							x				

L1 QSE: Trades only  
 L2 QSE: L1 + LSEs  
 L3 QSE: L2 + non-AS resources  
 L4 QSE: L3 + AS resources

## Section 4: Day-Ahead Operations

				Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
<b>4.3</b>	<b>QSE Responsibilities in DAM</b>				x	x	x	x						
<b>4.4</b>	<b>DAM Inputs</b>													
4.4.1	Capacity Trades				x	x	x	x						
4.4.2	Energy Trades				x	x	x	x						
4.4.3	DC Tie Schedules				x	x	x	x						
4.4.4	CRR Offers		x											
4.4.5	PTP Obligation Bids		x										x	
4.4.6	Ancillary Services													
4.4.6.1	Self-Arranged AS Quantities								x					
4.4.6.2	AS Offers								x					
4.4.6.3	AS Trades								x					
4.4.6.4	AS Supply Responsibility								x					
4.4.7	RMR Offers			x										
4.4.8	Energy Offers and Bids													
4.4.8.1	Three-Part Supply Offers							x	x					
4.4.8.2	Start Up Offer and Minimum Energy Offer							x	x					
4.4.8.3	Energy Offer Curve							x	x					
4.4.8.4	Mitigated Offer Cap and Mitigated Offer Floor							x	x					
4.4.8.5	DAM Energy-Only Offer Curve						x	x	x					
4.4.8.6	DAM Energy Bids						x	x	x					
4.4.9	Credit Requirement for DAM Bids and Offers						x	x	x					
<b>4.5</b>	<b>DAM Execution and Results</b>		x	x	x	x	x	x	x				x	
<b>4.6</b>	<b>DAM Settlement</b>		x	x	x	x	x	x	x				x	

## Section 5: Transmission Security Analysis and RUC

	Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
<b>5.1 Introduction</b>				x	x	x					
<b>5.2 RUC Timeline Summary</b>				x	x	x					
<b>5.4 QSE Security Sequence Responsibilities</b>				x	x	x					
<b>5.5 Security Sequence, Including RUC</b>					x	x					
<b>5.6 RUC Cost Eligibility</b>					x	x					
<b>5.7 Settlement for RUC Process</b>				x	x	x					

## Section 6: Adjustment Period and Real-Time Operations

				Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
<b>6.1</b>	<b>Introduction</b>						x	x	x	x				
<b>6.2</b>	<b>Market Timeline Summary</b>						x	x	x	x				
<b>6.3</b>	<b>Adjustment Period and RT Operations Timeline</b>						x	x	x	x				
<b>6.4</b>	<b>Adjustment Period</b>													
6.4.1	Capacity, Energy, and AS Trades						x	x	x	x				
6.4.2	Output Schedules								x	x			x	
6.4.3	Energy Offer Curve								x	x				
6.4.4	Inc and Dec Energy Offer Curve								x	x				
6.4.5	Resource Status	x							x	x				
6.4.6	QSE Requested Decommit of Resources								x	x				
6.4.7	Notification of Forced Outage	x							x	x				
6.4.8	AS Capacity During AP and RT	x					x	x	x					
<b>6.5</b>	<b>Real-Time Energy Operations</b>													

## Section 7: Congestion Revenue Rights

		Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
7.1	Function of CRRs	x										
7.2	Characteristics of CRRs	x										
7.3	Types of CRRs to be Auctioned	x										
7.4	Allocation of PCRRs									x		
7.5	CRR Auctions											
7.5.1	Nature and Timing	x										
7.5.2	CRR Auction Offers and Bids	x										
7.5.4	CRR Account Holder Responsibilities	x										
7.5.5	Auction Clearing Methodology	x										
7.5.6	CRR Auction Settlements	x										
7.5.6.4	CRR Auction Revenues								x			
7.5.7	Method and Timing: Distribute CRR Auction Revenues								x			
7.6	CRR Balancing Account	x										
7.7	Congestion Management in McCamey Area	x										x
7.8	Bilateral Trades and ERCOT Registration	x										
7.9	CRR Settlements	x									x	

## Section 8: Performance Monitoring and Compliance

		Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
<b>8.1</b>	<b>QSE/Resource Performance Monitoring and Compliance</b>	x			x	x	x	x			x	x
8.1.1	Generating Resource Governor Response						x	x				
8.1.2	QSE AS Performance	x						x				
<b>8.3</b>	<b>TSP Monitoring and Compliance</b>								x			
<b>8.4</b>	<b>Non-Compliance</b>							x	x			

## Section 9: Settlements and Billing

		Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
9.1	General											
9.2	Settlement Statements for the DAM	x		x	x	x	x					
9.3	Settlement Invoices for the DAM	x		x	x	x	x					
9.4	Payment Process for the DAM	x		x	x	x	x					
9.5	Settlements Statements for the RTM			x	x	x	x					
9.6	Settlement Invoices for the RTM			x	x	x	x					
9.7	Payment Process for the RTM			x	x	x	x					
9.8	Settlement and Billing Dispute Process	x		x	x	x	x					
9.9	Settlement Charges	x		x	x	x	x					
9.10	Administrative Fees			x	x	x	x					
9.11	Transmission Billing Determinant Calculation			x	x	x	x	x				
9.12	Profile Dev. Cost Recovery Fee			x	x	x	x		x			



## Section 16: Registration and Qualification of Market Participants

	Load Resources	CRR Account Holder	RMR/Black Start	L1 QSE	L2 QSE	L3 QSE	L4 QSE	TSP	LSE	NOIE	Wind
16.1 Qualification, Registration and Execution of Agreements	x	x	x	x	x	x	x	x	x	x	x
16.2 Registration and Qualification of Qualified Scheduling Entities				x	x	x	x				
16.3 Registration of Load Serving Entities									x		
16.4 Registration of ERCOT and non-ERCOT Transmission and Distribution Service Providers								x			
16.5 Registration of a Resource Entity						x	x				
16.6 Registration of Municipally Owned Utilities and Electric Cooperatives in the ERCOT Region										x	
16.8 Registration and Qualification of Congestion Revenue Rights Account Holders		x									
16.9 Resources Providing Reliability Must-Run Service Synchronous Condenser Service			x								
16.10 Resources Providing Black Start Service			x								