

Resource Adequacy Senior Task Force Work Plan

Dave Anders, Facilitator

RASTF July 15, 2022

www.pjm.com | Public PJM©2022





KWA	Issue/Topic	Progress	Status
1	Procurement of Clean Resource Attributes Determine whether a forward procurement of clean resource attributes should be pursued, and investigate the inclusion of the Social Cost of Carbon in PJM markets.	The RASTF endorsed the procurement of clean resource attribute issue charge that was presented at the RASTF meeting on March 14, 2022. The issue charge was endorsed at the MRC on April 27, 2022. This topic will be addressed in the Clean Attribute Procurement Senior Task Force.	✓ RASTF Key Work Activity Complete



	MEETING								
RASTF Work Plan	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Charter Development & Approval	х								
Develop Work Plan	х	х	х						
Procurement of Clean Resource	Attributes (K	ey Work Act	tivity 1)						
Education & Joint Fact-Finding	х	х							
Initial Direction Determination Develop Issue Charge		х							
Rule Development At appropriate committee (CAPSTF) based on Initial Direction Determination			х	х	х	х	х	х	х
Decision Check-ins		March							



KWA	Issue/Topic	CBIR Progress
2	Reliability Risk and Risk Drivers Determine the types of reliability risks and risk drivers to be considered by the capacity market and how they should be accounted for.	 ✓ Education ✓ Interest Identification ✓ Design Components Options Oackages Consensus



RASTF Work Plan	MEETING										
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023		
Reliability Risks and Drivers (Key	Reliability Risks and Drivers (Key Work Activity 2)										
Education & Joint Fact-Finding	х	х	х								
Interest Identification		х	х								
Develop Design Components		х	х								
Document Relative Importance of each Component		х	х								
Develop Options for each Component		х	х	х							
Narrow Options		х	х	х							
Develop Packages		х	х	х	х						
Narrow Packages (Compare Packages to Interests & Importance Ratings)		х	х	х	х						
Consensus Testing		х	х	х	х	х					
Tier 1/Tier 2 Decision Making		х	х	х	х	х					
Reporting to Parent Committee			х	х	х	х					
Decision Check-ins			July			Jan.	June				



KWA	Issue/Topic	CBIR Progress
3	Procurement Metric and Level Determine the desired procurement	✓ Education✓ Interest Identification
	metric and level to maintain the desired level of reliability.	✓ Design Components○ Options
		PackagesConsensus



1	Óİ	m®
	MJ	

RASTF Work Plan	MEETING									
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	
Procurement Metric and Level (Key Work Activity 3)										
Education & Joint Fact-Finding Including Analysis	х	х	х							
Interest Identification		х	х							
Develop Design Components		х	х							
Document Relative Importance of each Component		х	х							
Develop Options for each Component		х	х	х						
Narrow Options			x	х						
Develop Packages			х	х	х					
Narrow Packages (Compare Packages to Interests & Importance Ratings)			х	х	х					
Consensus Testing			х	х	х	х				
Tier 1/Tier 2 Decision Making			х	х	х	х				
Reporting to Parent Committee			х	х	х	х				
Decision Check-ins			July			Jan.	June			



KWA	Issue/Topic	CBIR Progress
4	Performance Assessment Determine the performance expected from a capacity resource.	 ✓ Education o Interest Identification o Design Components o Options o Packages o Consensus





RASTF Work Plan	MEETING								
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Performance Assessment (Key W	ork Activity	4)							
Education & Joint Fact-Finding Including Analysis			х						
Interest Identification			х						
Develop Design Components			х						
Document Relative Importance of each Component			х						
Develop Options for each Component			х	х	х				
Narrow Options			х	х	х	х			
Develop Packages			х	х	х	х			
Narrow Packages (Compare Packages to Interests & Importance Ratings)			х	х	х	х			
Consensus Testing				х	х	х			
Tier 1/Tier 2 Decision Making						х	х		
Reporting to Parent Committee						х	х	х	
Decision Check-ins			July			Jan.	June		



KWA	Issue/Topic	CBIR Progress
5	Qualification and Accreditation Determine the qualification and accreditation of capacity resources.	 ✓ Education o Interest Identification o Design Components o Options o Packages o Consensus





	11111111			310100							
RASTF Work Plan	MEETING										
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023		
Qualification and Accreditation (Qualification and Accreditation (Key Work Activity 5)										
Education & Joint Fact-Finding Including Analysis			х								
Interest Identification			х								
Develop Design Components			х								
Document Relative Importance of each Component			х								
Develop Options for each Component			х	х	х						
Narrow Options			х	х	х	х					
Develop Packages			х	х	х	х					
Narrow Packages (Compare Packages to Interests & Importance Ratings)			х	х	х	х					
Consensus Testing				х	х	х					
Tier 1/Tier 2 Decision Making						х	х	х			
Reporting to Parent Committee						х	х	х			
Decision Check-ins			July			Jan.	June				



KWA	Issue/Topic	CBIR Progress
6	Obligations of Capacity Resources Determine the desired obligations of capacity resources	 Education Interest Identification Design Components Options Packages Consensus



RASTF Work Plan				MEE	TING								
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023				
Obligations of Capacity Resource	Obligations of Capacity Resources (Key Work Activity 6)												
Education & Joint Fact-Finding			х	х									
Interest Identification			х	х	х								
Develop Design Components			х	х	х								
Document Relative Importance of each Component			х	х	х								
Develop Options for each Component				х	х								
Narrow Options				х	х	х							
Develop Packages				х	х	х							
Narrow Packages (Compare Packages to Interests & Importance Ratings)				х	х	х							
Consensus Testing					х	х							
Tier 1/Tier 2 Decision Making						х	х	х					
Reporting to Parent Committee						х	х	х					
Decision Check-ins			July			Jan.	June						



KWA	Issue/Topic	CBIR Progress
7	Enhancements to the Capacity Procurement Process Determine if there are needed enhancements to the capacity procurement process.	 Education Interest Identification Design Components Options Packages Consensus



RASTF Work Plan	MEETING											
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023			
Enhancements to the Capacity Procurement Process (Key Work Activity 7)												
Education & Joint Fact-Finding				х								
Interest Identification				х								
Develop Design Components				х								
Document Relative Importance of each Component				х								
Develop Options for each Component				х	х	х						
Narrow Options					х	х	х					
Develop Packages						х	х					
Narrow Packages (Compare Packages to Interests & Importance Ratings)						х	х					
Consensus Testing						х	х					
Tier 1/Tier 2 Decision Making							х	х				
Reporting to Parent Committee							х	х	х			
Decision Check-ins			July			Jan.	June					



KWA	Issue/Topic	CBIR Progress
8	Remaining Design Seasonal	 Education
	Resource Adequacy Construct	 Interest Identification
	As applicable, determine any remaining	 Design Components
	design details for a seasonal capacity	Options
	market construct not addressed in other	 Packages
	KWAs	 Consensus



RASTF Work Plan	Meeting											
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023			
Remaining Design Seasonal Resource Adequacy Construct (Key Work Activity 8)												
Education & Joint Fact-Finding			х	х								
Interest Identification			х	х								
Develop Design Components			х	х								
Document Relative Importance of each Component			х	х								
Develop Options for each Component			х	х	х							
Narrow Options			x	х	х							
Develop Packages			х	х	х							
Narrow Packages (Compare Packages to Interests & Importance Ratings)				х	х							
Consensus Testing				х	х	х						
Tier 1/Tier 2 Decision Making					х	х						
Reporting to Parent Committee						х	х					
Decision Check-ins			July			Jan.	June					



Key Work Activity 9 - MSOC

KWA	Issue/Topic	Progress	Status
9	Supply-Side Market Power Mitigation Rules Determine if supply-side market power mitigation rules in the capacity market need to be enhanced.	The narrow MSOC package was endorsed by the RASTF. A first read was presented at the June MRC. A vote is expected at the July MRC and MC. The RASTF expects to vote on the broader MSOC packages after the July 15 RASTF meeting.	 ✓ Education ✓ Interest Identification ✓ Design Components ✓ Options Options Consensus





KWA	Issue/Topic	Progress	Status
9	Supply-Side Market Power Mitigation Rules Determine if supply-side market power mitigation rules in the capacity market need to be enhanced.	Education on other topics related to supply-side market power mitigation rules is expected to begin in Q3 2022.	 Education Interest Identification Design Components Options Packages Consensus



+‡+

RASTF Work Plan	MEETING											
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023			
Supply-side Market Power Mitiga	tion Rules (l	Cey Work A	ctivity 9)									
Education & Joint Fact-Finding	х	х	х	х								
Interest Identification		х	х	х								
Develop Design Components		х	х	х								
Document Relative Importance of each Component		х	х	х								
Develop Options for each Component		X (MSOC)	х	х	х							
Narrow Options		X (MSOC)	X (MSOC)	х	х							
Develop Packages		X (MSOC)	X (MSOC)	х	х							
Narrow Packages (Compare Packages to Interests & Importance Ratings)		X (MSOC)	X (MSOC)	х	х	х						
Consensus Testing		X (MSOC)	X (MSOC)	X (MSOC)	х	х						
Tier 1/Tier 2 Decision Making		X (MSOC)	X (MSOC)	X (MSOC)		х	х	х				
Reporting to Parent Committee		X (MSOC)	X (MSOC)	X (MSOC)		х	х	х				
Decision Check-ins		March	May/June	July		Jan.	June					



KWA	Issue/Topic	CBIR Progress
10	Fixed Resource Requirement (FRR) Rules	 Education Interest Identification
	Determine if the Fixed Resource Requirement (FRR) rules need to be synchronized with any changes made.	Design ComponentsOptionsPackagesConsensus



RASTF Work Plan	MEETING												
Continued	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023				
Fixed Resource Requirement (FR	Fixed Resource Requirement (FRR) rules (Key Work Activity 10)												
Education & Joint Fact-Finding				х									
Interest Identification				х									
Develop Design Components				х									
Document Relative Importance of each Component				х									
Develop Options for each Component				х									
Narrow Options				х									
Develop Packages				х	х								
Narrow Packages (Compare Packages to Interests & Importance Ratings)				х	х								
Consensus Testing				х	х	х							
Tier 1/Tier 2 Decision Making					х	х	х	х					
Reporting to Parent Committee						х	х	х					
Decision Check-ins			July			Jan.	June						

www.pjm.com | Public 22 PJM©2022



Timeline



	Issue Charge Stakeholders endorse RASTF issue charge.	6	Obligations of Capacity Resources Stakeholders are currently working on interest identification and design components.
1	Procurement of Clean Resource Attributes Stakeholders complete this key work activity resulting in an endorsed issue charge creating the CAPSTF to continue work.	7	Enhancements to the Procurement Process Education is expected to begin in Q3 2022.
2	Reliability Risks and Drivers Stakeholders are currently working on solution options.	8	Seasonal Capacity Construct Education and stakeholders have presented perspectives.
3	Procurement Metric and Level Stakeholders are currently working on solution options.		Supply-side Market Power Mitigation Rules The RASTF has endorsed the narrow MSOC package, a vote on the broader
4	Performance Assessment Stakeholders are currently working on interest identification and design components.	9	MSOC package is expected in July. Work on other supply-side market power mitigation rules is expected to begin in Q3.
5	Qualification and Accreditation Stakeholders are currently working on interest identification and design components.	10	FRR Education is expected to begin in Q3 2022.

www.pjm.com | Public 23 PJM©2022



KWA	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Q123+
IC																
1																
2																
3																$\qquad \Rightarrow \qquad$
4																
5																
6																$\qquad \Longrightarrow \qquad$
7																$\qquad \Rightarrow \qquad$
8																
9																
10																



Facilitator:

Dave Anders,
David.Anders@pjm.com

Secretary:

Alex Scheirer, Alexandra.Scheirer@pjm.com

RASTF Work Plan



Member Hotline

(610) 666 - 8980

(866) 400 - 8980

custsvc@pjm.com

