

Renewable Dispatch Markets Manual Changes

Darrell Frogg
Lead Engineer, Generation
Markets and Reliability Committee
November 15, 2023

www.pjm.com | Public PJM©2023



- Status Quo: Committed capacity resources are required to offer DA (M11, 2.3.3.1 Capacity Resource Offer Rules).
- Proposal: Intermittent resources with capacity commitment are required to offer eco max MW equal to or greater than their hourly forecast. If the Market Seller develops or procures forecast with different confidence levels, the Market Seller must use the one closest to the median value (e.g. P50). Forecasts can be adjusted to account for expected equipment availability. If the Market Seller does not have a forecast or has technical issues developing or receiving a forecast, the PJM developed forecast is available.



- Intermittent Generation Resources, Hybrid Resources and Capacity Storage Resources
 that are committed Capacity Resources shall meet the must offer requirement by either
 self-scheduling (Availability = Must Run) or may allow the Day-ahead Market to schedule
 by offering the unit as a dispatchable resource (Availability = Economic) equal to the level
 defined below.
- Intermittent Generation Resources meet their must offer requirement by offering Economic
 Maximum MW equal to or greater than their hourly forecast. If the Market Seller develops
 or procures forecast with different confidence levels, the Market Seller must use the one
 closest to the median value (e.g. P50). Forecasts can be adjusted to account for expected
 equipment availability. If the Market Seller does not have a forecast or has technical issues
 developing or receiving a forecast, the PJM developed forecast is available.



Facilitator:

Stu Bresler,

Stu.Bresler@pjm.com

Secretary:

Dave Anders,

David.Anders@pjm.com

SME/Presenter:

Darrell Frogg,

Darrell.Frogg@pjm.com

Renewable Dispatch Markets Manual Changes



Member Hotline

(610) 666 - 8980

(866) 400 - 8980

custsvc@pjm.com

