# **PRD** Proposal

MRC December 7, 2017 **Joseph Bowring** 



#### **Consistency within CP design**

The MMU proposal adjusts the PRD rules to create a consistent product within the CP design without additional changes to PRD.





### **Differs for All but Three Items**

Design Components	PJM	Proposal C	IMM Proposal
	Credit based on new CP rates (which are higher		
Auction/FRR Plan credit requirement	than base rates)	same as PJM	same as PJM
	Existing based on prior registered capacity		
Auction/FRR Plan Nominated capacity amount	nomination, Planned based on estimated		
(PRD plan)	nominated capacity amount	same as PJM	PLC - FSL (adjusted for losses)
	Lesser of: PLC - Summer FSL (adjusted for		
	lossses), WPL - Winter FSL (adjusted for WWAF		
Nominated capacity amount (PRD registration)	and losses)	same as PJM	PLC - FSL (adjusted for losses)
Daily Commitment Compliance Penalty Rate	status quo	same as PJM	same as PJM
	Subject to CP non-performance assessment.		
	Higher of (Net Cone * 365/30 and Daily		
	Commitment Penalty), up to the stop loss		Subject to same CP non-performance penalties
Event Compliance Penalty Rate	provision. Penalty applied on hourly basis	same as PJM	as all CP resources.
Test Failure Charge Rate	status quo	same as PJM	same as PJM
	Summer = PLC minus Summer load, Winter =		
	adjusted WPL minus Winter load. Perfomance		PLC - load. Performance measured for each
load reduction measurement	measured for each hour	same as PJM	hour.
	Based on when PRD required to reduce load from		
add back (PJM unrestricted load for forecast	PRD energy curve (add back amount based on		
and customer PLC input)	capacity compliance amount)	same as PJM	Need to discuss details of add back logic.
	PAH and LMP greater than PRD curve triggers		
Trigger to assess CP Penalty	penalty	PAH	PAH
	overperformance will be eligible for bonus		
	payment (similar to Load Management event),		
	update balancing ratio calculation to include PRD		
	bonus performance (similar to DR bonus		only eligible if PAH is trigger for performance
Overperformance/bonus payments	performance).	same as PJM	requirement
			PRD may aggregate with PRD within the same
Registration aggregation	status quo	same as PJM	LDA



## **Consistency with CPDesign**

- The cost of capacity is allocated by PJM to LSEs based on customers' demand (PLC) in the single coincident peak hour in PJM (a summer hour).
- Load pays for capacity equal to PLC. PLC is the metric for reduced use at any time of the year.
- Treating capacity as an annual product is consistent with CP definition.



### PAH and bonus

- PRD should be off during any PAH regardless of LMP.
  - Same rules for all CP resources.
- PRD should be eligible for bonus payments only if PRD has performance obligation.





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