



Seasonal Capacity Resources Senior Task Force

Scott Baker, Chair
Intermittent Resources Subcommittee

June 6, 2016

- Problem Statement, approved January 29, 2016
- SCRSTF Charter, approved May 26, 2016
- 6 Meetings, April – Present

Objective: The Seasonal Capacity Resources Senior Task Force was created to address the concern that certain resource types with different seasonal availabilities, such as but not limited to demand response, energy efficiency, and renewables, are unable to meaningfully participate as capacity resources in PJM's reliability pricing model (capacity market).

	Wind	Solar
Nameplate Capacity	100 MW	100 MW
UCAP Value (CIRs)	13 MW	38 MW
Avg output: summer performance hours	13 MW	38 MW
Avg output: winter performance hours	40 MW	2 MW
Avg output: all performance hours	26 MW	20 MW
Acceptable CP MW Range	0-13 MW	0-20 MW
Required Total Offer MW (Base + CP)	13 MW	38 MW

Aggregate Resource	
UCAP Value	51 MW
Acceptable CP MW Range	0-46 MW
Required Total Offer MW (Base + CP)	51 MW

- Aggregate Resource could reasonably offer up to 46 MW as CP (at significantly lower risk versus individual resource offers)
- For 18/19 and 19/20 delivery years, that portion of the full 51 MW UCAP value that is not offered as CP must be offered as Base Capacity

- Seasonal Capacity Procurement
 - Seasonal products / Seasonal markets
- Aggregation Business Rules
 - Locational requirements
 - “transaction” barriers (credit/revenue/non-performance risk)
- Maintaining sub-annual products in 2020/2021 Delivery Year
 - i.e. Base Capacity
- Demand Response M&V (non-summer periods)
- Wind CIRs / Winter deliverability



Task Force voting on solutions in September

