

DR Resource Modelling Changes for 2020/2021 DY

Demand Response Subcommittee November 6, 2019

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2020/2021 Capacity Performance Only

Requirement	(Today) Linited DR (1-1/16 – 17/17)	(Today) Extended Summer DR (15/16 – 17/18)	(Today) Annual DR (16/17 – 17/18)	(CP) Base Capa lity DP (18/19 & 19/20 JY only)	(CP) Capacity Performance DR (16/17 DY & beyond)	(CP) Summer Period DR (20/21 and beyond)
Availability	Non-NERC holiday weekday, June – Sept	June – Oct & May	Any day during D	June - Sep	Any day during DY*	June – Oct & May
Maximum Number of Interruptions	10 interruptions	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Hours of Day Required to Respond (Hours in EPT)	12:00 PM – 8:00 PM	10:00 AM 10:00 PM	June – Oct & May: 10 AM – 10 PM Nov. – April: 6 AM- 9 PM	10:00 AM – 10:00 PM	June – Oct. & May: 10 AM – 10 PM Nov. – April: 6 AM- 9 PM	10:00 AM – 10:00 PM
Maximum Duration of Interruption	6 Hours	10 Hours	June – Oct : 12 hours Nov – April: 15 hours	10 Hours	June – Oct : 12 hours Nov – April: 15 hours	12 Hours

*unless on an approved maintenance outage during Oct – Apr.

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- All registrations will be Capacity Performance with a single RPM Auction Commitment
 - If the CSP has Summer Only commitment (was paired with a Winter resource in an RPM Auction), the Summer RPM commitment will be added to the commitment for Capacity Performance
 - Example: CSP has 15 MW annual Capacity Performace and 5 MW Summer Only commitment

RPM Resource Commitment	MW
June thru October	20
November thru April	15
May	20

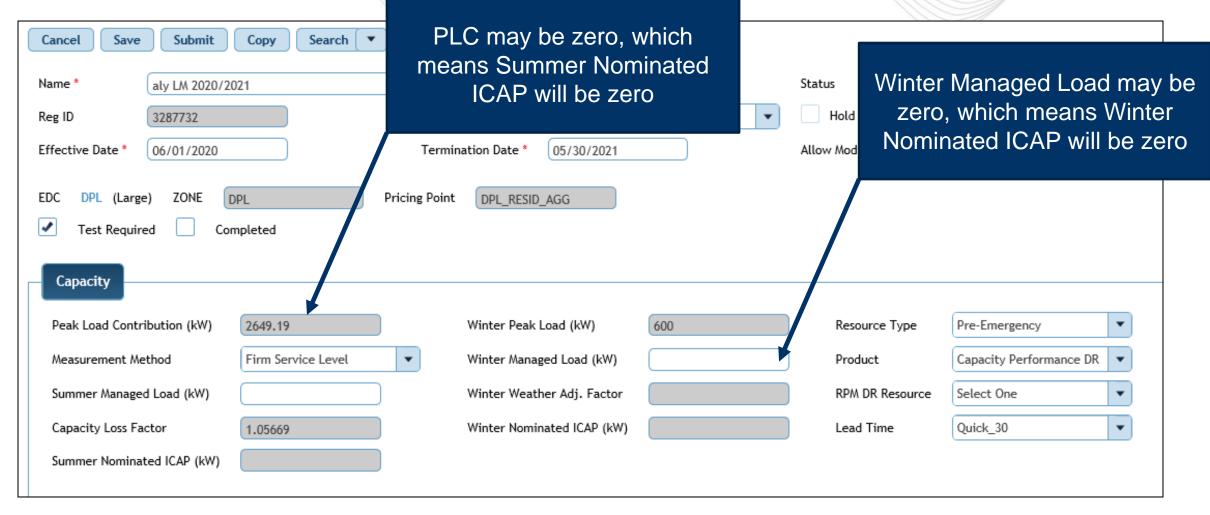


Changes to DR Hub for Summer Only

- Registration's Peak Load Contribution (PLC) and Winter Managed Load may be zero, therefore Summer and/or Winter ICAP may be zero
 - Zero PLC means Summer Nominated ICAP = 0
 - Zero Winter Managed Load means Winter Nominated ICAP = 0
- WPL no longer mandatory before marking registration "Completed" to accommodate Summer Only registrations
 - Only leave Winter Managed Load blank if you do not want a Winter Nominated ICAP



DR Hub Capacity section



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- All registrations with same RPM Auction Resource will have all Summer Nominated ICAP and all Winter Nominated ICAP rolled up together and compared to the RPM commitment on the RPM Auction Resource (same as last year)
- If total Sumer Nominated ICAP exceeds total Winter Nominated ICAP, it 's considered as Summer Only if there is a Summer Only commitment



RPM Resource Commitment	MW
June thru October	20
November thru April	15
May	20

CP commitment = 15 Summer Only commitment = 5

Registration	Summer ICAP (kW)	Winter ICAP (kW)
1	750	1000
2	5250	0
3	14000	14000
Total	20000	15000

Annual CP = lesser of 20000 and 15000 = 15000 = 15 MW Summer Only = 20000 minus 15000 = 5000 = 5 MW



- Resources Linked to Registrations Report
 - Shows confirmed registrations linked to an RPM Auction Resource
 - Sum of Summer Nominated ICAP compared to RPM Resource Commitment on 6/1/2019
 - Annual Nominated ICAP (lesser of: sum of summer and sum of winter) compared to RPM Resource Commitment on 11/1/2019

