



PJM Load Management 2020/2021 Year End And 2021/2022 Year Beginning Reminders - Summer Operational Readiness -

DRS
May 14, 2021

- 2020/2021 CP Registration Testing
- Remaining 2021/2022 Registration Timeline
- 2021/2022 Expected Reduction Reporting
- Load Management Dispatch procedure reminder

- Testing of 2020/2021 CP LM Registrations must be scheduled and completed by Friday, May 28, 2021 at 22:00 (EPT)
- Test/retest event Confirmation and Data Submission window opens in DR Hub on June 1, 2021
 - You must go into DR Hub to confirm and provide data for your test/retest event(s) by 23:59 (EPT) on July 15, 2021
- Test Penalty charges will be in the August bill (comes out in September)

- May 14, 2021
 - The last date to submit new Load Management (LM) registrations
- May 15-31, 2021
 - Resubmission can be made only for data errors on original submission
 - Resubmitted registrations must be in Confirmed status before June 1 or will be withdrawn
 - As always, any registration that is **Denied** or **Terminated Due to Duplicate**, must use Resubmission feature. DO NOT create a new registration. This maintains the original submission date.
- May 31, 2021 at 23:50 EPT (**MEMORIAL DAY**)
 - Any LM registrations not in Confirmed status will be withdrawn by PJM
 - IMPORTANT Denials and Duplicates must be resolved by this time
 - LM registrations must be linked to an RPM/FRR DR Resource
 - LM registrations must have Completed checkbox ticked

DO NOT check Completed box until 100% sure there will be no more changes

Fields that can be edited after Status is Confirmed

Field value can be changed:	Completed Checkbox Status	
	Before Checked	After Checked
•Measurement Method	Yes	No
•Summer Managed Load	Yes	No
•Summer Only	Yes	No
•Winter Peak Load	Yes	No
•Winter Managed Load	Yes	No
•Product	Yes	No
•MOPR DR Load	Yes	No
•RPM DR Resource	Yes	No
•Resource Type	Yes	Yes
•Lead Time	Yes	Yes
•Strike Price (only Load Management DR Full)	Yes	Yes
•Shut Down Costs (only Load Management DR Full)	Yes	Yes

Resources linked to Registrations Report (Use this report to determine your Capacity Position)

Reports

- Tasks
- Locations
- Registrations
- Events
- Meter Data
- Energy Settlements
- Compliance
- Dispatch Groups
- Account and Users
- Reports
- RERRA

- Resources Linked To Registrations
- DR Registration Orphan Report

Resources Linked To Registrations Report - 2021/2022

- a) Negative MW means shortfall and will be assessed daily deficiency penalty.
- b) Excess means amount nominated is greater than RPM commitment.
- c) All penalties are in UCAP, Resource Names are RPM resources - go to Capacity Exchange to see specifics.
- d) Difference Summer MW equals Total Summer ICAP (MW) minus Summer Committed MW (ICAP).
- e) Difference Annual MW equals Minimum of Total Summer MW (ICAP) and Total Winter MW (ICAP) minus Annual Committed MW (ICAP).

CSP [icon]

Export: CSV

CSP	Product	Resource Name	Zone	Resource ID	Summer Committed MW (ICAP)	Annual Committed MW (ICAP)	Reg ID	Customer Name	Summer ICAP (MW)	Winter ICAP (MW)
[icon]	Capacity Performance DR	[icon]	AEP	[icon]	4.3	4.3	[icon]	[icon]	2.400000	2.400008
								[icon]	1.900001	1.900001
								Total MW	4.3	4.3
								Difference Summer MW	0.0	
								Difference Annual MW		0.0

DR Registration Orphan Report

(Use this report to make sure all your registration are linked to Capacity Exchange Resource)

drhub.pjm.com/drhub/pages/secure/reports/orphan-dr-registrations-report.jsf

My Tools Admin Session Expiration: 19:51:59 PJM | PJM Interconnection () | Sign Out Contact Help

DR Hub

Reports

Tasks Locations Registrations Events Meter Data Energy Settlements Compliance Dispatch Groups Account and Users Reports RERRA

Resources Linked To Registrations DR Registration Orphan Report

CSP

DR Registration Orphan Report - 2021/2022
 (DR Registrations that have not been linked to an RPM Auction Resource in DR Hub)

Export: CSV

CSP	Product	Zone	Reg ID	Customer Name	Summer ICAP (MW)	Winter ICAP (MW)
	Capacity Performance DR	ATSI			3.404760	
	Capacity Performance DR	DOM			3.460574	2.838807
	Capacity Performance DR	DPL			0.242100	0.297104
	Capacity Performance DR	PEPCO			3.344250	4.166601

- CSPs must report best estimate of hourly load reduction capability by Zone, Resource Type, Product and Lead Time
 - i.e. PECO, Pre-Emergency, Capacity Performance, Quick Lead Time, 25,500 kW
 - If sites are closed (i.e. July 4 week shut down), then use zero (0) expected load reduction
 - If sites are operating at lower consumption than normal, then use that lower expected load reduction
- These values are expected energy reduction values
 - Not necessarily Nominated ICAP values
 - Not used for compliance calculations
- The data are used by Control Room operators when making LM event dispatch decisions
- Expected Reduction estimates for June are due Friday, May 28
- Reduction estimates based on new 2021/2022 registration portfolio

- Primary Communication Channel – Web Service Electronic Notification from DR Hub
 - Secondary Communication Channels – for informational purposes or if there is a PJM issue with primary notification channel
 - Required: PJM All-Call (telephone message)
 - Optional: Emergency Procedures website
 - Optional: DR Hub may send a courtesy email to CSPs with an Email Preference of “All Tasks and Dispatches” or “All Dispatches”

- Using a defined web service protocol, each CSP polls DR Hub once per minute (24/7) with a request for dispatch instructions
 - In response DR Hub provides registration specific dispatch instructions
- Instructions contain the correct start time of event, even in no-notice and shortened-notice situations (i.e. DARA)
- CSPs communicate the instructions to their end use sites to perform actual load reductions

Sample All Call Messages

Pre-Emergency Load Management Event Notification:

- *“This is (name) with an emergency procedures message. As of (state notification time) PJM has initiated a Pre-Emergency Load Management Event. CSPs should reduce load based on DR Hub dispatch instructions. See Emergency Procedure message on PJM.com for details. This is (name) that is all.”*

Emergency Load Management Event Notification:

- *“This is (name) with an emergency procedures message. As of (state notification time) PJM has initiated an Emergency Load Management Event. CSPs should reduce load based on DR Hub dispatch instructions. See Emergency Procedure message on PJM.com for details. This is (name) that is all.”*

All Call Communications Request Form: [Linked Here](#)



Secondary Channel - Emergency Procedures Messages

<https://emergencyprocedures.pjm.com/>

Records Per Page: 15 (1 of 4)							
History	Msg ID	Priority	Message Type	Effective Start Time	Regions	Emergency Message	Effective End Time
	101885	Action	Pre-Emergency Load Mgmt Reduction Action PAH	12.14.2017 10:15	BGE PECO PSEG	<p>See PAH Active Guidance tab</p> <p>A Pre-Emergency Load Mgmt Reduction Action has been issued. Load reduction Lead Times start at Effective Start Time. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Quick_30, Long_120. Product(s) dispatched: Limited DR, Extended Summer DR, Annual DR</p>	

Records Per Page: 15 (1 of 1)							
History	Msg ID	Priority	Message Type	Effective Start Time	Regions	Emergency Message	Effective End Time
	101887	Action	Emergency Load Mgmt Reduction Action PAH	12.20.2017 06:00	PECO	<p>See PAH Active Guidance tab</p> <p>An Emergency Load Mgmt Reduction Action and a NERC level EEA2 have been issued. Load reduction Lead Times start at Effective Start Time. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Long_120, Quick_30, Short_60. Product(s) dispatched: Limited DR, Extended Summer DR</p>	

Load Management Training Documents

(These are great sources for “How to” information)

- Comprehensive Load Management training:
 - <https://www.pjm.com/training/-/media/988818BE5BE6458C95FFD99AD13434CF.ashx>
- Load Management registration training:
 - <https://www.pjm.com/-/media/training/core-curriculum/ip-dsr/load-management-in-rpm.ashx>