2022/2023 Load Management Registration Process Deadlines and Summer Operational Readiness

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Demand Response Subcommittee

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Topics

- 2021/2022 Capacity Performance Registration Testing
- Remaining 2022/2023 Registration Timeline
- 2022/2023 Expected Reduction Reporting
- Load Management Dispatch procedure reminder

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2020/2021 CP Registration Testing

- Testing of 2021/2022 CP LM Registrations must be scheduled and completed by Friday, May 31, 2022 at 22:00 (EPT)
- Test/retest event Confirmation and Data Submission window opens in DR Hub on June 1, 2022
  - You must go into DR Hub to confirm and provide data for your test/retest event(s) by 23:59 (EPT) on July 15, 2022
- Test Penalty charges will be in the August bill (comes out in September)

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Remaining 2022/2023 Registration Timeline

- May 1, 2022 Mass Market template due
- May 16, 2022
  - The last date to submit new Load Management (LM) registrations
- May 14-31, 2022
    - 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      - Resubmitted registrations must be in Confirmed status before June 1 or will be withdrawn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, 2022 at 23:50 EPT
  - Any LM registrations not in Confirmed status will be withdrawn by PJM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

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Fields that can be edited after Status is Confirmed

	Completed Checkbox Status	
Field value can be changed:	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 DRLoad	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

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

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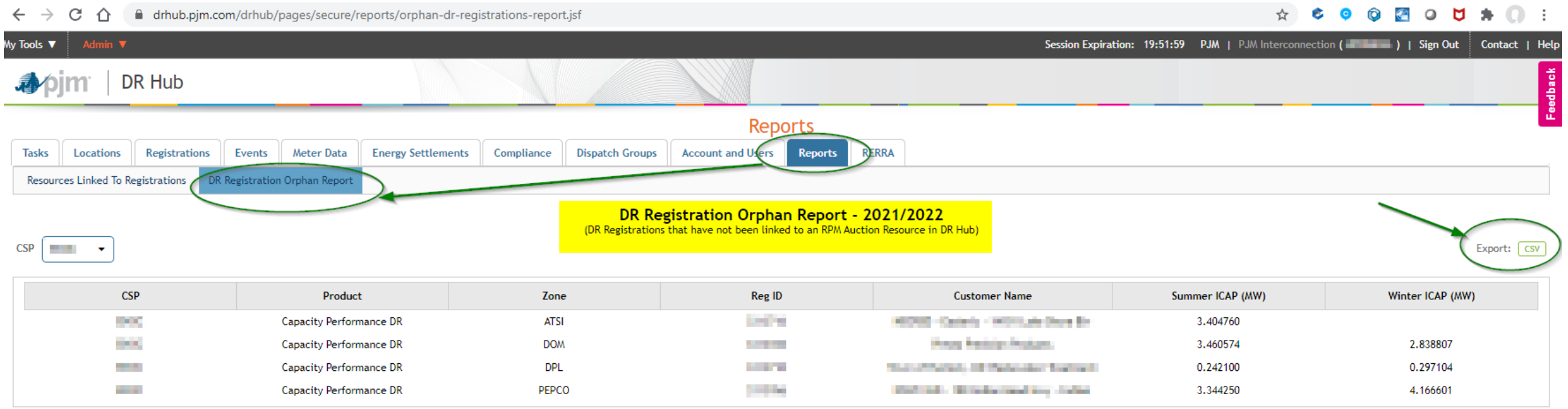
DR Registration Orphan Report
(Use this report to make sure all your registration are linked to Capacity Exchange Resource)



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

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Review - Expected Reduction Reporting

- 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 Tuesday, May 31
- Reduction estimates based on new 2022/2023 registration portfolio

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Review - Load Management Event Dispatch Communication

- 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”

Primary Communication Channel - Electronic Notification

- 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

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Secondary Channel - All Call

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:

http://pjm.com/-/media/about-pjm/member-services/membership-assistant/pjm-voice-and-all-call-communications-request-form.ashx?la=en

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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	A BGE A PECO A PSEG	See PAH Active Guidance tab 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	

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	A PECO	See PAH Active Guidance tab 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	

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Load Management Training Documents
(These are great sources for “How to” information)

- Comprehensive Load Management training:
  - https://pjm.com/-/media/training/core-curriculum/ip-dsr/load-management-in-rpm.ashx
- Load Management registration training:
  - https://pjm.com/-/media/training/core-curriculum/ip-dsr/dr-registrations-2021.ashx

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Contact

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Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

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PROTECT THE POWER GRID

THINK BEFORE YOU CLICK!

Be alert to malicious phishing emails.

Report suspicious email activity to PJM.

(610) 666-2244 / it_ops_ctr_shift@pjm.com