

Load Management Event Performance (Summer 2025) and Associated Next Steps

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DISRS

November 3, 2025



Load Management Deploy and Release Times (No PAI events)

- June 23, 2025
 - Mid-Atlantic/Dominion Zones

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
13:00	15:00	22:00	Pre-Emergency	Long_120	AECO, BGE, DOM, DPL, JCPL, METED, PECO, PENELEC, PEPCO, PPL, PSEG
14:00	15:00	22:00	Pre-Emergency	Short_60	AECO, BGE, DOM, DPL, JCPL, METED, PECO, PENELEC, PEPCO, PPL, PSEG

- June 24, 2025
 - RTO wide

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
13:00	15:00	22:00	Pre-Emergency	Long_120	BGE, DOM, PECO, PEPCO
13:30	15:30	22:00	Pre-Emergency	Long_120	AECO, DPL, JCPL, METED, PENELEC, PPL, PSEG
14:00	16:00	22:00	Pre-Emergency	Long_120	AEP, APS, DAY, DUQ
14:30	16:30	22:00	Pre-Emergency	Long_120	ATSI, COMED, DEOK, EKPC
14:00	15:00	22:00	Pre-Emergency	Short_60	BGE, DOM, PECO, PEPCO
14:30	15:30	22:00	Pre-Emergency	Short_60	AECO, DPL, JCPL, METED, PENELEC, PPL, PSEG
15:00	16:00	22:00	Pre-Emergency	Short_60	AEP, APS, DAY, DUQ
15:30	16:30	22:00	Pre-Emergency	Short_60	ATSI, COMED, DEOK, EKPC

- June 25, 2025
 - Mid-Atlantic/Dominion/APS Zones

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
13:00	15:00	17:45	Pre-Emergency	Long_120	APS
13:00	15:00	18:10	Pre-Emergency	Long_120	AECO, BGE, DPL, JCPL, METED, PECO, PENELEC, PEPCO, PPL, PSEG
13:00	15:00	19:00	Pre-Emergency	Long_120	DOM
14:00	15:00	17:45	Pre-Emergency	Short_60	APS
14:00	15:00	18:10	Pre-Emergency	Short_60	AECO, BGE, DPL, JCPL, METED, PECO, PENELEC, PEPCO, PPL, PSEG
14:00	15:00	19:00	Pre-Emergency	Short_60	DOM

Load Management Deploy and Release Times (No PAI events)

- July 28, 2025
 - BGE, DOM, PEPCO Zones

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
14:45	16:45	21:00	Pre-Emergency	Long_120	BGE, DOM, PEPCO
14:45	15:45	21:00	Pre-Emergency	Short_60	BGE, DOM, PEPCO

- July 29, 2025
 - RTO wide

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
13:00	15:00	20:45	Pre-Emergency	Long_120	ATSI, BGE, DOM, PEPCO
13:30	15:30	21:15	Pre-Emergency	Long_120	AEP, EKPC
14:00	16:00	21:30	Pre-Emergency	Long_120	AECO, DPL, JCPL, METED, PECO, PENELEC, PPL, PSEG
16:00	18:00	21:45	Pre-Emergency	Long_120	APS, COMED, DAY, DEOK, DUQ
13:00	14:00	20:45	Pre-Emergency	Short_60	ATSI, BGE, DOM, PEPCO
13:30	14:30	21:15	Pre-Emergency	Short_60	AEP, EKPC
14:00	15:00	21:30	Pre-Emergency	Short_60	AECO, DPL, JCPL, METED, PECO, PENELEC, PPL, PSEG
16:00	17:00	21:45	Pre-Emergency	Short_60	APS, COMED, DAY, DEOK, DUQ

Load Management Deploy and Release Times (No PAI events)

- August 11, 2025
 - BGE Zone

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
8:45	10:45	20:00	Pre-Emergency	Long_120	BGE
9:00	10:00	20:00	Pre-Emergency	Short_60	BGE
9:30	10:00	20:00	Pre-Emergency	Quick_30	BGE
14:15	15:15	17:15	Emergency	Short_60	BGE
14:15	14:45	17:15	Emergency	Quick_30	BGE

- Overall communication between PJM and CSP went well
 - DR polling
 - Emergency Procedure messages
 - All Call
- CSP reported expected energy reduction were higher than realized energy reductions
- Energy Settlements (DR Hub CBL calculation was slow but has been updated)
 - June events – September bill (\$36.5 million)
 - July events – October bill (tbd)
 - August event – November bill (tbd)

June, July and August '25 Load Mgt Event Performance

DR Performance is based on committed ICAP

	6/23/2025	6/24/2025	6/25/2025	7/28/2025	7/29/2025	8/11/2025	Overall
Estimated average hours	7	7	4	5	6	10	
Total Capacity Commitment (MW/ICAP)	1,387	4,053	1,687	571	4,038	226	11,962
Total Capacity Load Reductions (MW/ICAP)	876	2,936	1,041	386	2,607	120	7,966
Total Performance	63%	72%	62%	68%	65%	53%	67%
Total Shortfall	511	1,117	646	185	1,431	105	3,996
CSP Capacity Commitment (MW/ICAP)	1,307	3,504	1,607	491	3,490	226	10,623
CSP Capacity Load Reductions (MW/ICAP)	825	2,241	962	322	1,990	120	6,460
CSP Performance	63%	64%	60%	66%	57%	53%	61%
CSP Shortfall	482	1,263	644	169	1,500	105	4,163
EDC Capacity Commitment (MW/ICAP)	*	549	*	*	549		1,339
EDC Capacity Load Reductions (MW/ICAP)	*	699	*	*	613		1,506
EDC Performance		127%			112%		112%
EDC Shortfall		(150)			(64)		(167)

Notes:

- 1) DR ELCC for 25/26 = 77%
- 2) Capacity commitment has not been reduced for daily deficiency penalties although penalty only applied to one penalty
- 3) Capacity load reduction based on sum of average reduction per registration
- 4) * indicates insufficient number of members to publish information.

- CSP is required to have customers reduce load when dispatched
 - Customer should not evaluate system conditions and determine if “economic” for them to reduce load
- CSP is required to provide accurate expected energy reduction to enable PJM to effectively manage the system during emergency conditions
 - Ensure estimate is based on correct type of day and hourly load conditions.
 - Estimate should NOT simply be nominated MW.
 - Communicate with customer to incorporate near real time feedback
- Emergency Procedure “Maximum Generation Emergency/Load Management Alert” is typically posted the day before **and indicates the potential for dispatch the following day**
 - Provides advanced warning that Load Mgt will likely be dispatched

- If PJM operators knows Load Mgt needs to be dispatched, then operator will dispatch in advance of the lead time (if possible)
 - CSP should follow the dispatch signal, do not respond early
 - For example, long lead (2 hour) dispatched at 0300 with instructions that load must be completely down by 0800. The load should begin the reduction at 0600 if it will take 2 hours to be fully reduced. The load should not begin the load reduction at 0300.
 - If it will only take 1 hour to reduce the load (because it can do quicker on this day) then it should begin at 0700)
- PJM may dispatch twice in one day to manage morning and evening winter peaks

- PJM intends to incorporate summer performance in the determination of “Existing” DR resources unless CSP can provide evidence they will perform in 27/28 DY
 - CSPs with overall performance below 85% should have DR Plan portion of Existing MWs dispatched adjusted down based on DR Resource specific summer '25 event performance unless it can be demonstrated that customer will be able to deliver load reductions in the future
- CSP must provide its analysis that the load reduction will be physically deliverable in 27/28 or submit an updated DR Plan with Existing DR MWs derated.
- Examples of such analysis may include:
 - Change in CSP contract provision
 - Attestation from customers (registration/location) that did not perform with changes made that will facilitate the load reductions
 - Implementation of new controls and/or process to reduce load
 - Other
- PJM will reject the sell offer plan without the associated adjustments

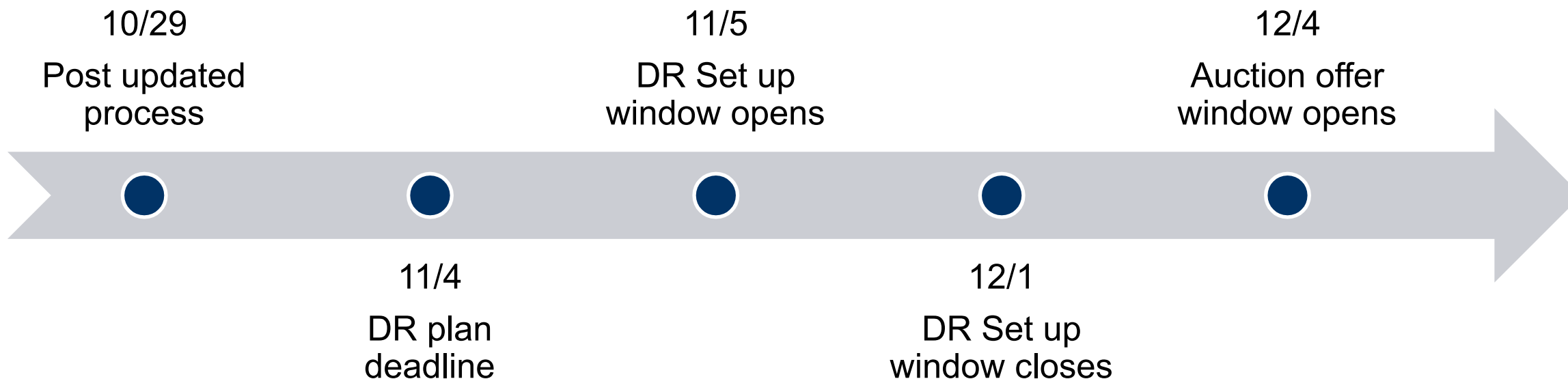
PJM will notify CSPs that are required to provide additional support

CSP Summer '25 performance = 70%						
Resources	27/28 BRA Existing MW (ICAP)	Portion of Resource dispatched	27/28 BRA Existing MW Dispatched (ICAP)	Resource specific summer performance	DR Plan derate MW (ICAP)	Adjusted 27/28 BRA Existing MW (ICAP)
Resource A	100	75%	75	90%	7.5	92.5
Resource B	100	30%	30	45%	16.5	83.5
Resource C	100	50%	50	75%	12.5	87.5
Plan Total	300		155			263.5

DR performance is based on committed ICAP

- RAA, Schedule 6, section A-1(2):
 - Each Demand Resource Sell Offer Plan must include a Demand Resource Officer Certification. . . which . . . shall include [a] certification[] . . . that the Demand Resource Provider is submitting the Plan with the reasonable expectation, based upon its analyses as of the date of the certification, to physically deliver all megawatts that clear the RPM Auction through Demand Resource registrations by the specified Delivery Year.
- RAA, Schedule 6, section A-1(3):
 - “No later than 5 Business Days prior to the subject RPM Auction, PJM will notify each Demand Resource Provider of the approved Demand Resource quantity, by Zone/sub-Zone, that such Demand Resource Provider is permitted to offer into such RPM Auction.”

CSP submits support and/or updated Existing MW to PJM,
PJM may reject or adjust DR plan ~11/26



See pjm.com/capacity market and go to Demand Resources section for additional instructions

- PJM intends to initiate a stakeholder process to discuss issue and and resolve prior to 28/29 BRA (late June '26)
 - FERC filing in April, if proposed tariff changes

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Load Management Performance Summer 2025



Member Hotline

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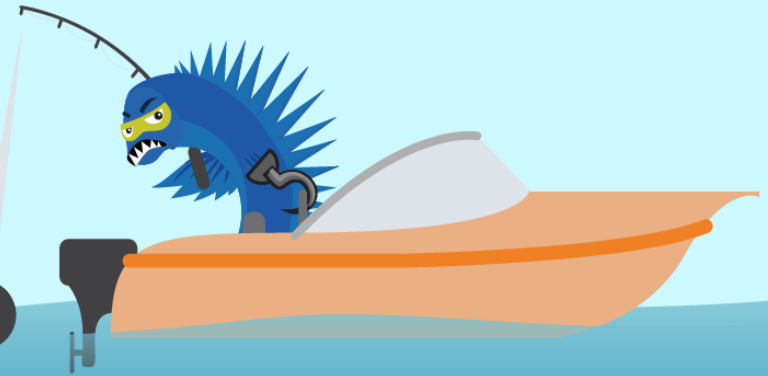
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