

Hot Weather Operations and Load Management Events, July 2-3

Distributed Resources Subcommittee
August 3, 2026

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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

Preliminary Instantaneous Peak Load 162,713 MW – July 2nd @ 17:55

Preliminary Unrestricted Peak Load 168,158 MW – July 2nd – All-time Peak

Successes

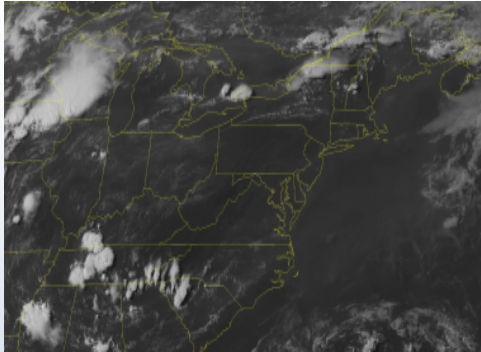
- Record peak load served reliably during unprecedented heatwave.
- Excellent advanced coordination with internal stakeholders and neighbors.
- Emergency DOE 202c Orders for Emissions and Back-up Generation granted.
- Forecast performed well for record peak event.

Challenges

- Load forecasting (modeling) considering holiday and possible saturation.
- Above average generation outage rate.
- Net load peak creates capacity and generation deliverability concerns.
- Emission limitations of generators and notification to PJM.

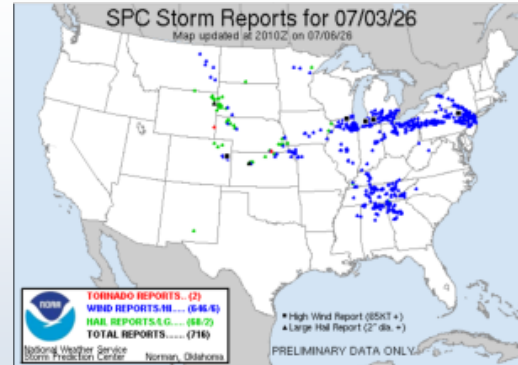
Weather – June 29-July 5, 2026 Heat Wave

July 2



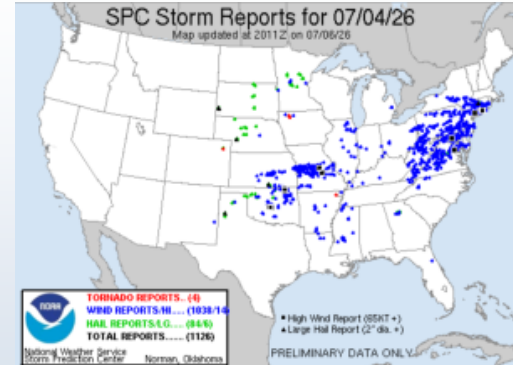
Mostly sunny late afternoon
in RTO on hottest day

July 3

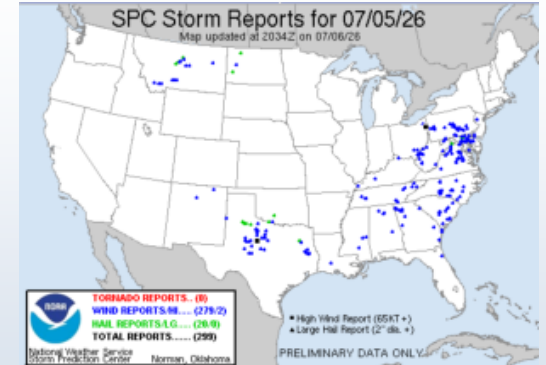


Clusters of strong-severe thunderstorms with damaging winds and
flooding, leading to cooler temperatures over holiday weekend

July 4



July 5



Temperature-Humidity Index (THI):

Combination of temperature and
humidity to assess heat stress

Average 2015-2025
Summer
Max Daily THI

76°

June 29-July 5, 2026
Max Daily
Load-Weighted THI

85°

All-time record

- Load Management = Emergency DR + Pre-emergency DR
 - Capacity commitment and paid for load reduction when dispatched by PJM
 - Emergency DR = behind the meter generator with permit that requires an EEA2 to be issued in order to operate
 - Pre-Emergency DR = everything except Emergency DR
- Economic DR
 - Participates when economic for resource in energy and ancillary based on offer and availability
- A single customer may participate as Load Management and Economic DR
 - Any overlap in dispatch is subject to Load Management rules

Load Management Deploy and Release Times (No PAI events)

- July 2, 2026 (RTO wide)

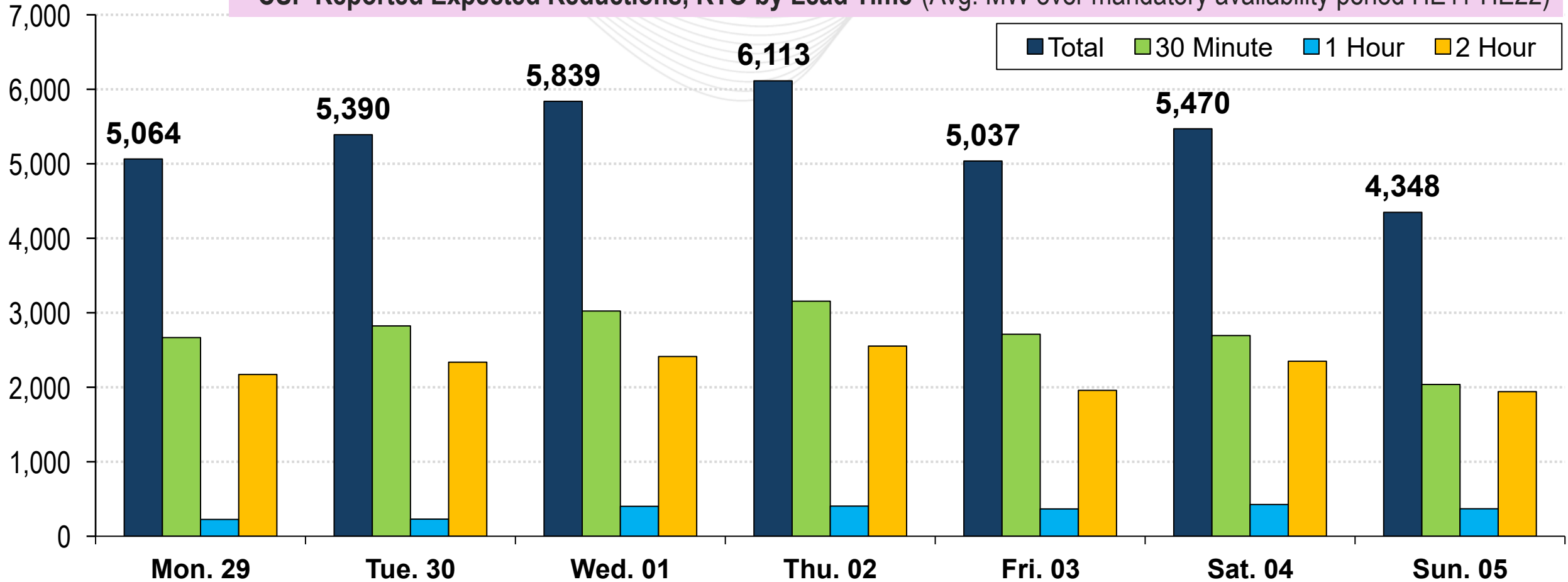
Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
11:30	13:30	21:30	Pre-Emergency	Long_120	RTO
12:30	13:30	21:30	Pre-Emergency	Short_60	RTO
15:45	16:15	21:30	Pre-Emergency	Quick_30	AECO, BGE, DOM, DPL, FE-JC, FE-ME, FE-PN, PECO, PEPCO, PPL, PSEG RECO
16:45	17:15	21:30	Pre-Emergency	Quick_30	AEP, COMED, DAY DEOK, DUQ, EKPC FE-AP, FE-ATSI
17:00	17:30 18:00 19:00	21:00	Emergency	Quick_30 Short_60 Long_120	RTO

Load Management Deploy and Release Times (No PAI events)

- July 3, 2026 (RTO wide)

Notification Time	Deploy Time	Release Time	Resource Type	Lead Time	Zones
11:00	12:00 13:00	21:00	Pre-Emergency	Short_60 Long_120	RTO
13:00	13:30	21:00	Pre-Emergency	Quick_30	RTO
14:00	14:30 15:00 16:00	20:45	Emergency	Quick_30 Short_60 Long_120	RTO

CSP Reported Expected Reductions, RTO by Lead Time (Avg. MW over mandatory availability period HE11-HE22)



Issued reductions for all lead times and products RTO-wide:

July 2: ~6,113 MW

July 3: ~5,037 MW

- Event Compliance Data
 - July 2nd & 3rd events – meter data due September 14, 2026
- Settlement Data
 - July 2nd events – meter data due August 31, 2026
 - July 3rd events – meter data due September 1, 2026

- July 2nd

Start Time	End Time	Resource Type	Lead Time	Zones
17:36	20:30	All Load Management products	All	BGE, DOM, PEPCO

- Curtailment Service Providers with Load Management (Pre-Emergency and/or Emergency) reduce load immediately when dispatched.

Presenter/SME:
Scott Baker

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**July Hot Weather and Load
Management Events**



Member Hotline

(610) 666-8980

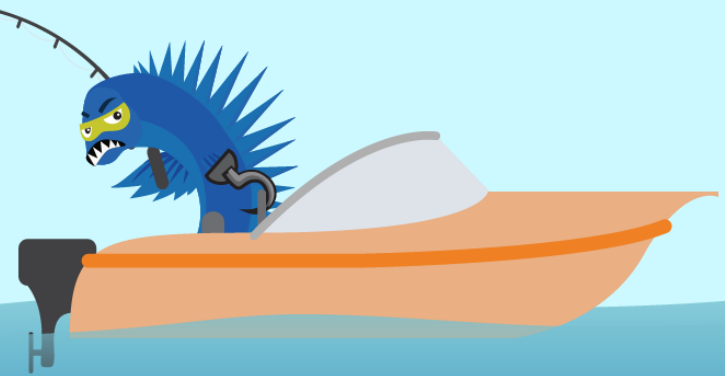
(866) 400-8980

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POWER GRID**
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YOU CLICK!**



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EMAILS**



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