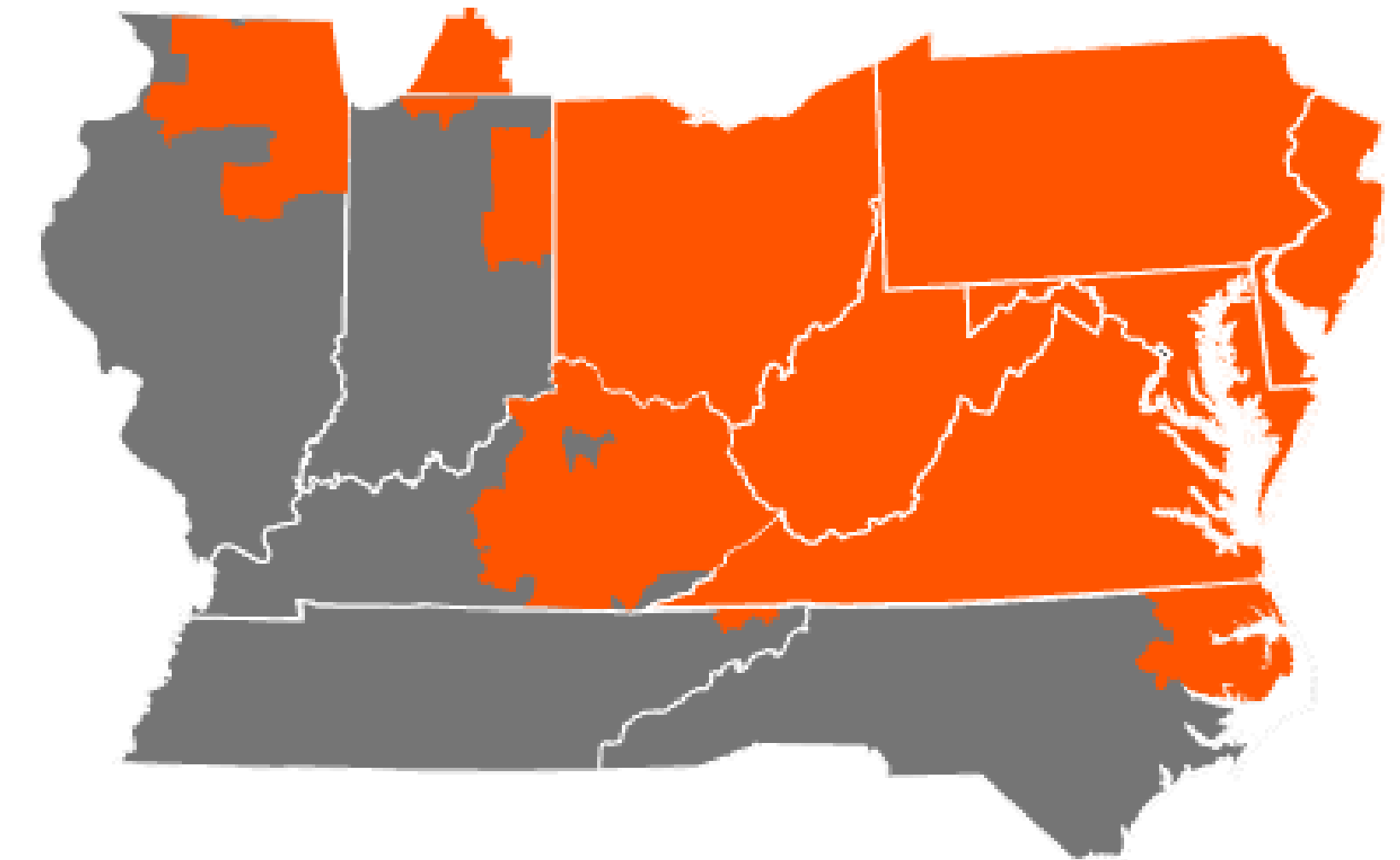# PJM Synchronized Reserve

Earn revenue for being available to use less energy on short notice when the grid is stressed.

When the grid is stressed due to an emergency like an unplanned generator outage or other unexpected spikes in demand, PJM can call on its synchronized reserves to quickly restore the balance between supply and demand.

Organizations like yours that participate in the Synchronized Reserve Program can earn money for being on-call to help the grid react to short-term disturbances.

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Synchronized Reserve Parameters

Minimum Size	Minimum load reduction must be 100 kW (may be aggregated within a load zone).
Number & Duration of Events	Based on customer's accepted offers, which can be entered and modified via the CPower App. Maximum event period is 30 minutes.
Notification	At least 8 minutes prior to the event via phone and e-mail.
Compensation	Customers receive the Synchronized Reserve Market Clearing Price for all accepted offers.
Compliance	Required for events during all hours in which offers were accepted.
Settlements	60 days after end of each month.
Consequences of Non-Performance	Customer forfeits the SRMCP for the amount of non-compliance over the hours it was accepted for the event day. Customer incurs an additional revenue adjustment in the amount of the shortfall for previous 20 days or most recent event day, whichever is less.
Enrollment Deadline	No deadline.
Metering	Each account must have an approved CPower meter providing 1-minute data validated against the utility meter.

The Synchronized Reserve program relieves the grid during short term disturbances. Each hour, customers may offer a price at which they're willing to be available. If their offer is accepted, they receive at least their offer price, and must be on-call to curtail within 8 minutes of event notification. Curtailments occur unpredictably, and last 30 minutes or less.

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Synchronized Reserve Pricing + Event History

Pricing (RT) 1 MW/8760 Hours

Month	2020	2021	2022	2023	2024
January	$303	$1,576	$5,730	$749	$2,897
February	$295	$1,311	$2,218	$220	$1,142
March	$688	$2,680	$4,304	$172	$2,782
April	$1,273	$1,651	$6,830	$742	$1,017
May	$636	$2,648	$5,829	$3614	$3,412
June	$759	$1,897	$10,765	$638	$1,782
July	$1,173	$1,641	$6,919	$1,103	$2,385
August	$1,418	$2,678	$7,310	$327	$2,326
September	$1,049	$2,089	$3,335	$505	$2,480
October	$2,937	$5,772	$580	$2,996	$2,935
November	$2,196	$6,302	$244	$1,292	$1,486
December	$1,928	$4,211	$26,423	$1,120	$1,898
MONTHLY AVG	**$1,221**	**$2,871**	**$6,707**	**$1,123**	**$2,212**
ANNUAL TREND	**$14,655**	**$34,456**	**$80,488**	**$13,478**	**$26,542**

Event History

Year	Events	Avg Duration (min:sec)	Total Duration (hour:min:sec)
2020	17	8:21	2:22:00
2021	18	8:53	2:40:00
2022*	23	13:16	5:05:00
2023	12	8:55	1:47:00
2024	19	8:32	2:42:00
Avg	**18**	**9:35**	**2:55:12**

Winter Storm Elliot accounted for 4 events with over 2 hours in duration

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