

PJM CAPACITY PERFORMANCE

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

Minimum Size	100kW minimum load reduction (this may be aggregated across multiple sites in a zone).
Event History	There have been no events since the 2014 Polar Vortex, and no mandatory events since 2013. While historically rare, events are possible during both summer and winter seasons. There is no maximum number of events for this program.
Event Window	Summer (June 2021 - October 2021 + May 2022): 10am - 10pm, events can last up to 12 hours. Winter (November 2021 - April 2022): 6am - 9pm, events can last up to 15 hours.
Notification	Customers will be notified 30 minutes ahead of an event. Some customers may qualify for 60 or 120 minute lead times, but longer lead times will reduce emergency energy payments (see chart). Notifications via SMS, phone, and email.
Capacity Payments	Customers will earn a capacity payment based on the value of capacity in their zone (see rate chart) and the difference between their adjusted seasonal Peak Load Contribution (PLC) and their Firm Service Level (FSL) during events. Customers may have different FSL and PLC values during the Summer (Jun - Oct, May) and Winter (Nov - Apr) seasons.
Energy Payments	Customers earn hourly Emergency Energy payments (see rate chart) for their load drop contribution during events.
Compliance	Mandatory year-round. Summer season is June - October 2021 + May 2022, Winter season is November 2021 - April 2022.
Settlements	Customers will be paid, adjusted for any under performance, 60 days following each program year quarter (Nov, Feb, May, Aug).
Consequences of Non-Performance	Failure to perform during an event will result in Capacity payments reduced by an hourly noncompliance rate (see chart) for each hour of noncompliance during an event.
Testing	Mandatory 1-hour test. Failure to comply with the annual performance test will result in loss of revenue for the noncompliance amount.
Enrollment Deadline	May 1, 2021.
Metering	1-hour utility grade interval meter required.

When the demand for electricity exceeds the grid's ability to supply it, the region faces the possibility of brownouts and blackouts.

PJM's Capacity Performance program helps maintain year-round grid reliability by reducing demand through curtailment events. Organizations that participate in the Capacity Performance program can earn money for being available to use less energy when the grid is stressed.

Participants commit to a fixed level of consumption ("Firm Service Level" or FSL), and will not consume more than that amount of electricity during an event. Events tend to happen on hot summer afternoons or cold winter mornings, and last 4 hours on average.

CPower is enabling customers to enroll with different values for the summer and winter seasons. We will work with you to maximize your ability to participate and assess any additional opportunities.

PJM CAPACITY PERFORMANCE RATES

2021/22 \$/MW-YEAR		
LDA	ZONE	Annual
EMAAC	AECO	\$60,491
	DPL	\$60,491
	JCPL	\$60,491
	PECO	\$60,491
	RECO	\$60,491
PSEG	PSEG	\$74,566
MAAC	PEPCO	\$51,100
	METED	\$51,100
	PENELEC	\$51,100
	PPL	\$51,100
BGE	BGE	\$73,110
RTO	AEP	\$51,100
	APS	\$51,100
	DAY	\$51,100
	DEOK	\$51,100
	DOM	\$51,100
	DUQ	\$51,100
	EKPC	\$51,100
ATSI	ATSI	\$62,535
COMED	COMED	\$71,376

Customers will earn a capacity payment based on the value of capacity in their zone and the difference between their adjusted seasonal Peak Load Contribution (PLC) and their Firm Service Level (FSL) during events. Customers may have different FSL and PLC values during the Summer (Jun - Oct, May) and Winter (Nov - Apr).

$$\text{Zone Capacity Rate} \times \text{Capacity Load Drop (PLC - FSL)} = \text{Capacity Payment}$$

Customers also earn hourly Emergency Energy payments for their load drop contribution during events.

$$\text{Capacity Load Drop} \times \text{Emergency Energy Rate} = \text{Energy Payment}$$

EMERGENCY ENERGY RATES

LEAD TIME	\$/MWH
30 MINUTES	\$1,849
60 MINUTES	\$1,425
120 MINUTES	\$1,100

NON-COMPLIANCE RATES

\$/MWH		\$/MWH	
ZONE	2021/22	ZONE	2021/22
AECO	\$3,779	DUQ	\$3,637
AEP	\$3,625	EKPC	\$3,757
APS	\$3,384	JCPL	\$3,369
ATSI	\$3,514	METED	\$3,344
BGE	\$3,649	PECO	\$3,433
COMED	\$3,943	PENELEC	\$2,455
DAY	\$3,579	PEPCO	\$3,268
DEOK	\$3,582	PPL	\$3,443
DOM	\$3,629	PSEG	\$3,785
DPL	\$3,437	RECO	\$3,753

What happens for failing to perform during a test or event?

Failure to perform during an event will result in Capacity payments reduced by an hourly noncompliance rate for each hour of noncompliance during an event.

Failure to comply with the annual performance test will result in loss of revenue for the noncompliance amount.