

# Peak Demand Management 2024

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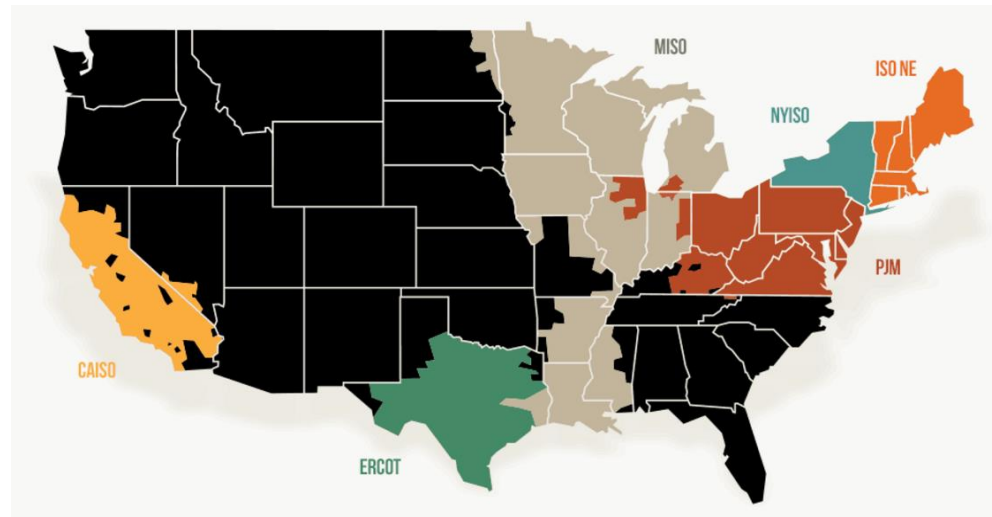
April 2024



# Peak Demand Management

	PJM	ERCOT	NY ISO	ISONE
# PDM Days	5	4 1 per summer month	1	1
Season Duration	Summer	Summer	Summer (2months)*	Year Round
Season Timing	Jun. 1 - Sept. 30	Jun. 1 - Sep. 30	Jul. 1 - Aug. 31	June 1 - May 31

\* NYISO -During non-holidays weekdays



# Peak Demand Management

Peak charges can account for up to 25-40% of your annual electricity costs.

## What is this peak demand?

Capacity charges can be displayed differently on your utility bill, depending on your commodity supplier. If your organization is responsible for the charge, it appears as a line item on your utility bill.

	Usage (kwh)	Contract Price	Charges
<b>Contracted Charges</b>			
Contracted Charges	8,735,680.00	\$0.049789	\$434,940.18
<b>Subtotal</b>			
<b>Pass-through And Settlement Charges</b>			
Positive Hourly Imbalance Energy	1,037,907.66	\$0.025768	\$26,745.01
Negative Hourly Imbalance Energy	-354,586.90	\$0.057911	-\$20,534.34
A/S (Ancillary Services)	9,419,000.76	\$0.000750	\$7,064.25
ISO (Independent System Operator Fe	9,419,000.76	\$0.001240	\$11,676.52
BOR Deviation INC (Out of Market)	1,037,907.66	\$0.002979	\$3,091.73
BOR Deviation DEC (Out of Market)	-354,586.90	-\$0.003000	\$1,063.67
GEND (Generation Deactivation)	9,419,000.76	\$0.001222	\$11,506.65
RPS (Renewable Portfolio Standard)	9,419,000.76	\$0.000246	\$2,320.78
BOR Reliability	9,419,000.76	\$0.000300	\$2,825.70
<b>CAP Charge - Tariff</b>			<b>\$65,920.40</b>
NT Charge - Tariff			\$23,844.53
<b>Subtotal</b>			<b>\$135,524.90</b>
<b>TOTAL SETTLEMENT</b>			<b>\$570,465.08</b>

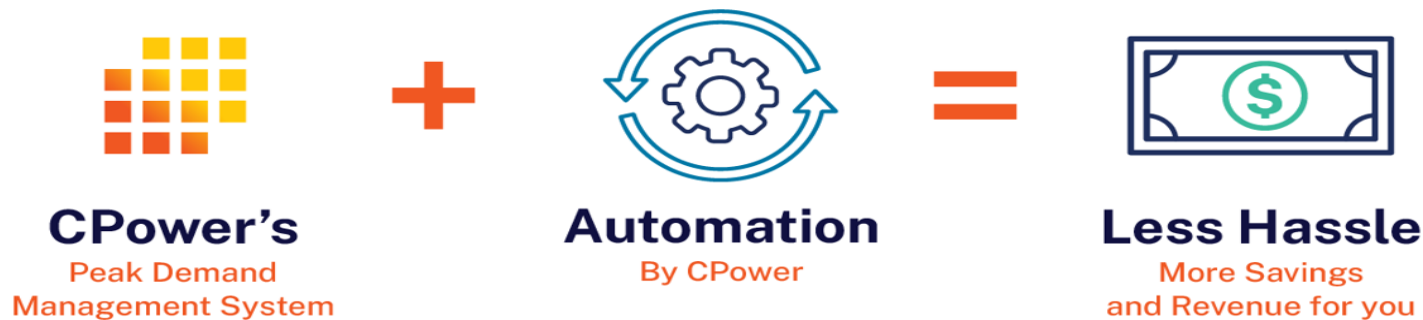
Peak charges can account

ICAP Charge - Tariff \$65,920.40

# CPower Delivers More Than Savings to PDM

## Peak Demand Management by CPower = More Savings and Revenue

- **Reduce risk** by leveraging customers' existing automated load reduction capability integrated with CPower's nationwide dispatching platform.
- **Confidence** in the quality of PDM notices – **CPower only gets paid when customers save.**
- **Gain insights** into grid stress and plan with Day Ahead notifications.
- **Reduce complexity** by working with CPower as full-service provider for DR and PDM.
- **Maximize savings and earnings with a CPowered Optimized Strategy**, tailored to the unique opportunities and specific operational demands at every customer site
- **Take advantage of existing curtailment plans** for sites that already participate with CPower for DR
- **Track performance in real-time** and review historical usage with the CPower App and CPower's Total Metering Solution



# Pricing Strategy and Discount

## Pricing Strategy:

- Option 1: Charge a % of savings (**automated load control**) :  $\text{PDM Charge} = \text{Estimated Curtailment} * \text{Market Rate} * \text{Customer Share \%}$
- Option 2: Charge a fixed fee per site based on peak load (**manual curtailment**):

Peak Load	Fee per site
0-500 kW	\$1,500
500-1,000kW	\$3,000
1,000-5,000kW	\$7,000
5,000-10,000kW	\$10,000

## Addition of Performance Discount:

Region	# of Missed Calls	Discount %
ERCOT / PJM	1	25%
	2	50%
	3	75%
	4 or 5	90%
ISONE / NYISO	1	90%

# 2024 Pricing – NYISO and ISONE

Fee= Estimated Curtailment \* Market Rate \* Customer Share %

## NYISO

NYISO Zone	\$/MW
NYCA	\$ 52,320
LHV	\$ 58,402
NYC	\$ 187,502
LI	\$ 58,402

## ISONE

ISONE Zone	\$/MW
All	\$ 30,016

# 2024 Pricing – PJM and ERCOT

## PJM

2024/25		
\$/kW-YEAR		
LDA	ZONE	Annual Price
EMAAC	AE	\$ 21,253
	DPL	\$ 25,340
	JCPL	\$ 21,253
	PECO	\$ 21,253
	RECO	\$ 21,253
PSEG	PSEG	\$ 21,253
MAAC	METED	\$ 18,289
	PENELEC	\$ 18,289
	BGE	\$ 22,459
	PEPCO	\$ 18,289
PPL	PPL	\$ 18,289
RTO	AEP	\$ 10,729
	APS	\$ 10,729
	DAY	\$ 10,729
	DEOK	\$ 21,118
	DOM	\$ 10,729
	DUQ	\$ 10,729
	EXPC	\$ 10,729
	COMED	\$ 10,729
	ATSI	\$ 10,729

## ERCOT

Utility	\$/MW
AEP Texas	\$ 58,404
Centerpoint Energy	\$ 57,891
Oncor Electric Delivery	\$ 44,075
Texas-New Mexico Power	\$ 55,831

Fee= Estimated Curtailment \* Market Rate \* Customer Share %