

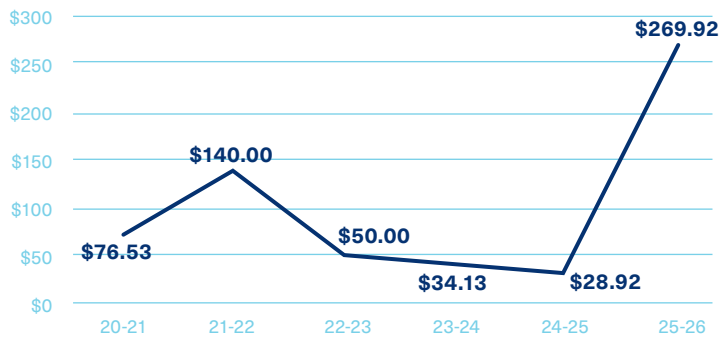
Electricity Costs on the Rise: Immediate and Long-Term Solutions



What's going on and how can you respond?

Nearly 65 million customers from the Great Lakes to the mid-Atlantic will be affected by higher electricity prices as a result of the latest "Pennsylvania-Jersey-Maryland Interconnection" (PJM) capacity auction. PJM is the largest electrical grid operator in the United States.

PJM Capacity Market Settlement Price History
(\$/MW-day)



Market Conditions Create "Perfect Storm"



Reduced Supply

- 6,600 MW
- Closed Coal Plants



Demand Growth

- 3,243 MW
- Data Center Boom



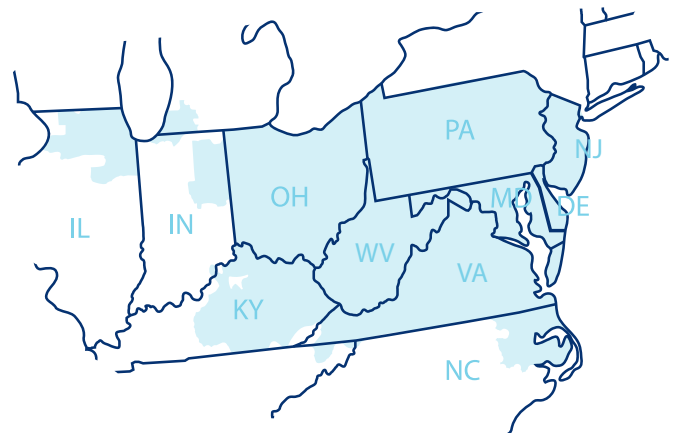
Market Rule Changes

- Accreditation
- Efficiency Market

Who is impacted?

Affected Utility	Abbrev	State
Atlantic City Electric	AE	NJ
American Electric Power	AEP	Multiple
Allegheny Power Systems	APS	WV, MD, PA
American Transmission Systems	ATSI	OH, PA
Baltimore Gas & Electric	BGE	MD
ComEd	COMED	IL
Dayton Power and Light	DAYTON	OH
Duke Energy Ohio Kentucky	DEOK	OH, KY
Duquesne Light	DLCO	PA
Dominion	DOM	VA, NC
Delmarva Power and Light	DPL	MD, DE
East Kentucky Power Cooperative EKPC	KY	KY
Jersey Central Power and Light	JCPL	NJ
Met-Ed	METED	PA
Ohio Valley Electric Cooperative	OVEC	OH
PECO Energy	PECO	PA
Penelec	PENLC	PA
Pepco	PEPCO	MD
PPL Electric Utilities	PL	PA
PSE&G	PS	NJ
Rockland Electric	RECO	NJ

Retail power bills
could increase
by as much
as **29%** starting
in mid-2025¹



¹ <https://www.renewableenergyworld.com/solar/oh-thats-not-good-energy-prices-for-pjm-capacity-auction-skyrocket-9x/#:~:text=The%20total%20capacity%20bill%20for,29%25%20starting%20mid%202025,10/14/24.>

What can you do?

Short-Term Solutions

Awareness and Budget Planning

Demand Response Programs

Demand Response programs pay customers to curtail load during a grid constraint. More programs and value are expected in PJM in 2025.

Long-Term Solutions

Smart Building Automation Solutions

Leverage the power of a Building Automation System (BAS) to support Demand Management and reduce energy consumption of critical systems (like HVAC and lighting) or operational processes and ancillary services within the building.

Infrastructure-Based Solutions

Consider comprehensive infrastructure improvement and asset planning programs that support energy efficiency, carbon reduction, and resiliency and incorporate technologies like:

- High-efficiency HVAC systems
- Energy-efficient lighting upgrades
- Thermal energy storage
- Electric battery storage
- Geothermal systems
- On-site renewable energy
- Co-generation / Combined Heat & Power
- Microgrids



Trane's team of building technology and energy experts are here to help you mitigate the impact of utility rate increases.

Contact a Trane Energy Expert to get started today!



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