



## PJM – At a Glance

PJM Interconnection coordinates the movement of electricity in all or parts of 13 states and the District of Columbia. Our job is to ensure there is enough electricity for the 65 million people in our region.

### Keeping the Lights On

We're sometimes called air traffic controllers of the power grid. PJM monitors and coordinates more than 1,400 generating sources and 88,185 miles of high-voltage transmission lines. Just like air traffic controllers, we don't own the equipment we direct. Others own the power lines and power plants.

Power generators, utilities and power marketers coordinate their operations through PJM. Doing so makes major electric outages less likely to occur and reduces power costs.

Key Statistics	PJM Today
Millions of people served	65+
Miles of transmission lines	88,185
Generation capacity in MW	~180,000
Square miles of territory	368,906
Area served	13 states + D.C.



## High Technology

Our operations are based on skilled knowledge workers and banks of powerful computers. Expert staff constantly monitor the grid at PJM's high-tech data, communication and control centers. As usage of electricity shifts up and down throughout the day, PJM balances supply and demand by telling power producers how much energy to supply.

Our engineers and information technology experts study hundreds of "what-if" scenarios. They prepare to deal with virtually any event – from extreme weather conditions, emergencies and equipment failures, to the more easily anticipated cycles of days, weeks and seasons.

## Power Markets

PJM administers competitive wholesale markets for large blocks of electricity – similar to the way the stock market works. Our markets are internet based. Utilities and other electricity suppliers use them to make short-term purchases of power for their customers. Our markets attract renewable power sources, such as wind, to the region.

We administer demand response programs. Demand response allows customers to be paid for reducing their electricity usage during system emergencies or periods of higher power prices.

## Planning

Managing the future needs of the electric system is an integral part of PJM Interconnection's role as a regional transmission organization. PJM conducts a long-range Regional Transmission Expansion Planning process that identifies what changes and additions to the grid are needed to ensure reliability and the successful operation of the wholesale markets. PJM's open and extensive review process ensures that all interested parties, including state regulatory agencies, have an active role in planning for future electricity supply and reliability needs.

## A Long History

Founded in 1927, PJM Interconnection is an independent, federally regulated organization headquartered near Valley Forge, Pennsylvania.



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