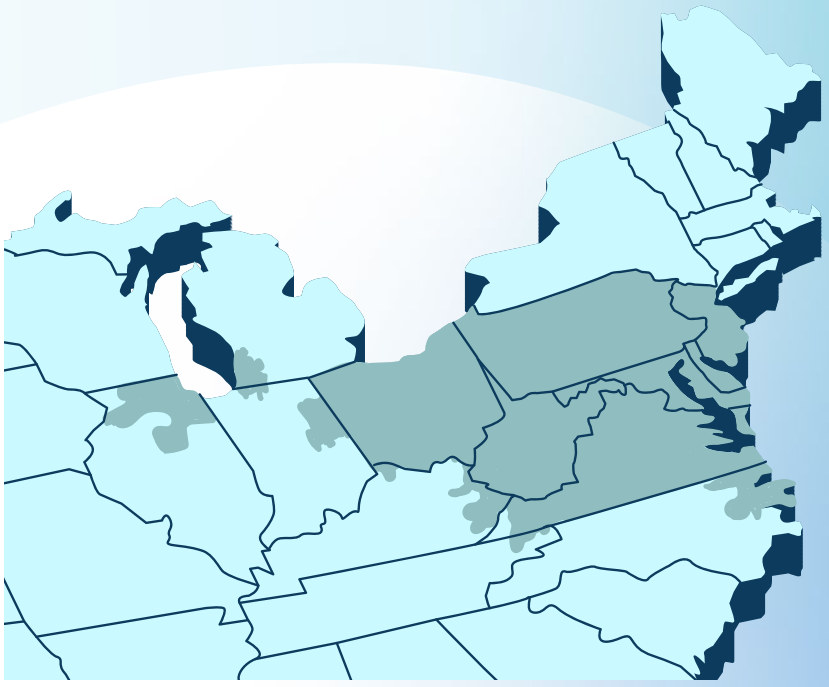
PJM at a GLANCE

PJM Interconnection coordinates the movement of electricity in all or parts of 13 states and the District of Columbia, maintaining a reliable flow of power to 67 million people.

PJM works with local utilities to dispatch power where and when it is needed from New Jersey to North Carolina and west to Illinois.

Founded in 1927, PJM is the nation's largest power grid. Our operations, markets and planning functions produce substantial efficiencies for customers by leveraging scale, competition and market transparency, resulting in annual savings of $5 billion.



KEY STATISTICS

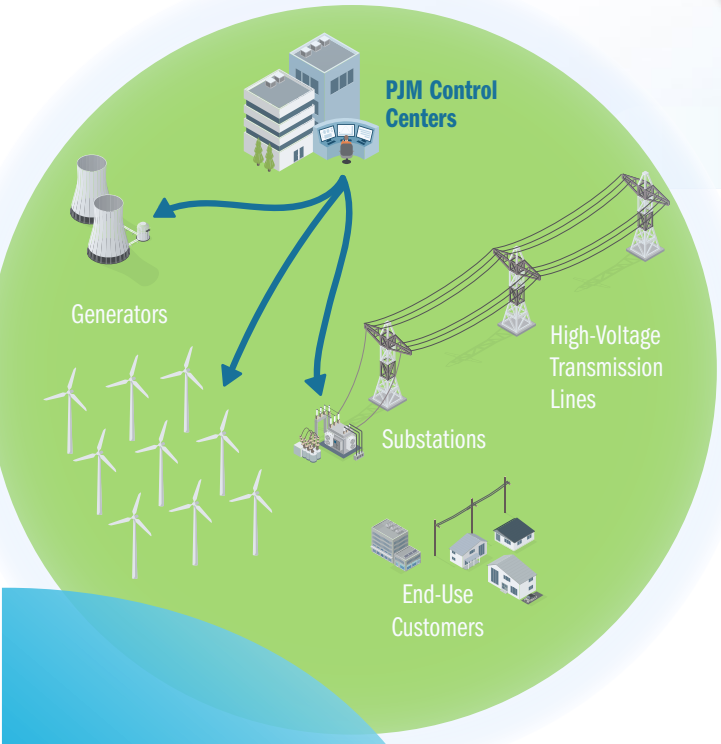
1,400+
Generation sources

88,417
Miles of transmission lines

185,989
Generation capacity in MW

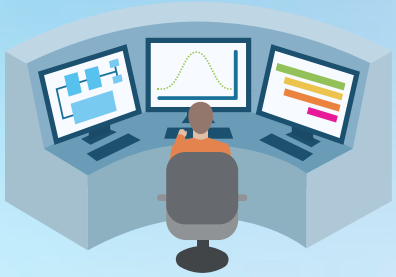
67+
Millions of people served

13 states + DC
Area served



KEEPING THE LIGHTS ON

PJM is sometimes called the air traffic controller of the power grid. PJM monitors and coordinates the activity of more than 1,400 power generation sources and the dispatch of electricity over 88,417 miles of high-voltage transmission lines. Like air traffic controllers, we don't own the equipment we direct. Others own the power lines and power plants. Coordinating their operations through PJM makes major electric outages less likely and reduces power costs.



Operating the Grid

PJM's expert operators constantly monitor the grid at PJM's control centers. As electricity usage shifts up and down, PJM balances supply and demand 24/7 by telling power producers how much energy to provide.

Our engineers and IT experts study thousands of "what-if" scenarios each day. 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.



Competitive Power Markets

PJM administers competitive wholesale markets for large blocks of electricity – similar to the way the stock market works. Utilities and other electricity service providers make short-term purchases of power from PJM markets to serve their retail customers. Our markets attract all types of power generation resources.

We also administer demand response programs. Demand response pays customers to reduce electricity usage during system emergencies or periods of higher power prices.



Planning for the Future

Managing the future needs of the electric system is an integral part of PJM's role as a regional transmission organization. PJM conducts a long-range Regional Transmission Expansion Plan 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.



History of Reliability

Founded in 1927, PJM operates as a nonprofit. It is an independent, federally regulated organization headquartered near Valley Forge, Pennsylvania.

PJM.com