



Renewable Energy Facts

Solar & Storage

Renewable energy is a critical part of building a new era of energy leadership for Illinois. Together, wind, solar, and storage are making up a growing portion of our state's energy supply and bringing new jobs and economic opportunities to all corners of Illinois, especially rural communities Downstate.

Solar and storage are an important part of Illinois' growing clean energy economy. While wind remains the state's dominant renewable energy source, Illinois has over **42.8 megawatts (MW) of solar** capacity installed. That is enough to power nearly 6,000 homes. Illinois also boasts more than **132.7 MW of energy storage** capacity.¹

Jobs and Economic Benefits

From skilled-trade jobs in renewable energy to component manufacturing, renewable energy is creating economic benefits for communities across the state. Renewable energy projects also generate new revenue for communities and landowners, representing millions of dollars of investment in Illinois.



Solar

- In-State Jobs: **5,917**²
- Total Capital Investment: **\$180 Million**³

Environmental Benefits

Generating more of our state's electricity using renewable energy sources like wind and solar, coupled with storage technology, reduces harmful air pollutants like sulfur dioxide (SO₂) and nitrogen oxides (NO_x) known for creating smog and triggering asthma attacks. Clean energy sources can also reduce carbon dioxide (CO₂) emissions linked to climate change.

Today, the U.S. power sector withdraws more water than any other sector in America, including farming, to cool conventional thermal power plants. But deploying more renewables could reduce the amount of water we use on energy generation. That leaves more clean water in the ground for drinking and irrigating Illinois' farmland.

¹ U.S. Energy Information Administration (EIA)

² U.S. Energy and Employment Report (USEER)

³ S&P Global

Learn more about renewable energy in Illinois by visiting www.PowerUpIllinois.com.

