

RENEWABLE ENERGY IN OKLAHOMA

POWER UP  OKLAHOMA

AT A GLANCE:



#1

IN SOUTHWEST POWER POOL FOR WIND
GENERATION



#3

IN TOTAL WIND GENERATION



3.4 M

HOMES CAN BE POWERED BY
RENEWABLE ENERGY



MORE THAN ELECTRICITY:

For generations, Oklahoma has helped fuel the nation, and that tradition continues with a new, modernized mix of advanced power solutions.

Wind, solar, natural gas, and energy storage are working together to deliver power that is cheaper and benefits our communities. Advanced power provides careers, affordable electricity, and tax revenues for our communities, schools, roads, and first responders.



\$1.2 B

IN ANNUAL CONSUMER SAVINGS



\$27 B

IN PRIVATE INVESTMENT



\$78.4 M

PAID ANNUALLY TO OKLAHOMA
LANDOWNERS



93

SCHOOL DISTRICTS IN 31 COUNTIES SUPPORTED
BY OKLAHOMA ADVANCED ENERGY

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ON SOLAR:

Oklahoma's solar resource availability is on par with states like Arizona, which will enable the production of abundant, low-cost energy at some of the most critical times of the year. As Oklahoma's hot summers take hold, solar facilities can deliver the most affordable option on the grid during those hours of peak demand.



ON WIND:

Wind energy remains the most compatible source of energy with current agricultural production, and Oklahoma farmers and ranchers have hosted these projects on their land for over two decades, while still utilizing their land for crop production and grazing. In Oklahoma, the wind industry has an end-to-end life cycle within the state, from tower manufacturing to wind blade recycling.



ON BATTERY STORAGE:

Electron-agnostic energy storage systems will deliver the reliability the grid needs as it supports natural gas, wind, and solar. Batteries can charge at night when the resource demand is low and prices are very affordable, and then augment the power needed during the day, while mitigating thermal disruptions or variability with wind and solar.

