

Renewable Energy Sources*

Wind Energy*

Blue Canyon Wind Farm - 74 MW

Location: Near Lawton, Okla.
Began commercial operation in December 2003

Buffalo Bear Wind Farm - 19 MW

Location: Near Fort Supply, Okla.
Began commercial operation in December 2008

Red Hills Wind Farm - 123 MW

Location: Near Elk City, Okla.
Began commercial operation in June 2009

Rocky Ridge Wind Project - 149 MW

Location: Near Rocky, Okla.
Began commercial operation in June 2012

Wildcat Wind Farm - 27 MW

Location: Near Lovington, N.M.
Began commercial operation in July 2012

Brahms BEP Wind I & II - 10 MW each

Location: Near Grady, NM
Began commercial operation in February 2014

Anderson Wind Project I & II - 5 & 10 MW

Location: Chaves County, N.M.
Began commercial operation in December 2014

Balko Wind Project - 100 MW

Location: Near Balko, Okla.
Began commercial operation in August 2015

Grant Wind Project - 50 MW

Location: Grant County, Okla.
Began commercial operation in April 2016

Sterling Wind Farm - 30 MW

Location: Near Tatum, N.M.
Began commercial operation in July 2017

Minco Wind IV Wind Farm - 100 MW

Location: Canadian & Caddo counties (Okla.)
Began commercial operation in November 2018

Skeleton Creek Wind Project - 249 MW

Location: Alfalfa, Major & Garfield counties (Okla.)
Began commercial operation in December 2020

Oklahoma

864 MW

New Mexico

92 MW

Total Wind Energy (2023)
956 MW

**WFEC purchases or produces energy from various wind & solar resources. However, WFEC has not historically, nor may not in the future, retain or retire all of the renewable energy certificates associated with the energy production from these facilities.*

Solar Generation*

Oklahoma - 23 MW

Utility-Scale Solar Farms - 18 MW total

Cyril (5 MW) Tuttle (4 MW)
Pine Ridge - Hinton - Marietta (3 MW each)

Community Solar - 3 MW total

13 sites range from 0.125 MW to 0.250 MW
11 WFEC member cooperatives participate
(not included in WFEC's solar total)

Norman Solar Park - 2 MW

Total Solar Generation (2023)
83 MW

New Mexico - 60 MW

Utility-Scale Solar Farms - 60 MW total

Caprock Solar Facility (25 MW) - Tucumcari, N.M.
Middle Daisy Solar Facility (5 MW) - Lovington, N.M.
Chaves County Solar II - 30 MW - Roswell, N.M.

Future Solar Projects:

Skeleton Creek Solar - 250 MW

w/ 800 MWh battery storage

Location: Major, Alfalfa & Garfield Counties (Okla.)
Commercial operation expected by end of 2026

New Mexico Solar Project - 75 MW

Negotiations underway