New GE Vernova aeroderivative units to add additional capacity at WFEC's Anadarko plant, Oklahoma

Project will add same technology already in existence

ANADARKO, Okla. (May 16, 2024) – Western Farmers Electric Cooperative's (WFEC) and GE Vernova Inc. (NYSE: GEV) today announced the order for two new GE Vernova's aeroderivative LM6000VELOX* package solutions, each including an LM6000* gas turbine and a generator, to replace aging steam turbines at its Anadarko Plant, Oklahoma. These new units are expected to expand the power plant, currently powered by five LM6000 PC gas turbines (two installed and commissioned in 1999, three units installed ten years later, in 2009). When the expansion will be completed, the Anadarko Plant is expected to deliver up to 350 megawatts (MW) with a total of seven LM6000 gas turbines.

"At WFEC, we continually evaluate capacity needs, while focusing on both the present and future power requirements of our members, and we are committed to maintain a reliable supply of electricity well into the future," said **Justin Soderberg, Western Farmers Electric Cooperative.** "We selected GE Vernova's LM6000VELOX units due to their fast start and quick ramp up/down capabilities. Rapid renewable energy growth presents system operators and energy providers with the increasingly difficult task of continuously ensuring stability of the grid and a reliable power supply, as renewable generation assets like wind turbines and solar farms are slightly less predictable by their very nature. Conversely, the aeroderivative gas turbines, powered by natural gas can help stabilize the grid and reduce the risk of electricity supply shortages."

These aeroderivative units, derived from jet-engine technology powering the world's airlines jets and well-known in the power generation industry for their quick start time in as little as 5 minutes to full power, will be a great complement to WFEC's robust portfolio of almost 1,000 megawatts (MW) of renewable projects already in service or scheduled to be in service by the end of the decade.

WFEC has been working with Sargent & Lundy (S&L) as the owner's engineer for the expansion of the plant. S&L is an engineering firm based in Chicago, Ill. S&L has worked hand in hand with WFEC staff on selecting the appropriate technology for these new units and developing a turbine specification. Fagen, Inc. has been selected as the EPC Contractor. The works are expected to start in late 2024 and be completed in late 2026.

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Notes to editors

**The order for the gas turbine power generation equipment for the Anadarko project was booked in Q1 2024*

Western Farmers Electric Cooperative (WFEC) is a generation and transmission cooperative, headquartered in Anadarko, Okla. Now in its 83rd year of operation, WFEC serves the electric needs of 21-member distribution cooperatives, across much of Oklahoma, the eastern parts of New Mexico, and into some areas of Kansas and Texas. WFEC also serves Altus Air Force Base. WFEC has a diverse generation portfolio of coal, natural gas, hydroelectric power, wind and solar.

Sargent & Lundy is one of the world's longest-standing full-service architect engineering firms. Founded in 1891, the firm is a global leader in power, energy, and decarbonization with expertise in grid modernization, renewable energy, energy storage, nuclear power, fossil power, carbon capture, and hydrogen. Sargent & Lundy delivers comprehensive project services – from consulting, design, and implementation to construction management, commissioning, and operations/maintenance – with an emphasis on quality and safety. The firm serves public and private clients in the power, energy, gas distribution, industrial and government sectors.

GE Vernova (NYSE: GEV) is a purpose-built global energy company that includes Power, Wind, and Electrification segments and is supported by its accelerator

businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with more than 80,000 employees across 100+ countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future. GE Vernova's **Gas Power business** engineers advanced, efficient natural gas-powered technologies and services, along with decarbonization solutions that aim to help electrify a lower carbon future. It is a global leader in gas turbines and gas power plant technologies and services with the industry's largest installed base of approximately 7,000 gas turbines.

Fagen, Inc. is a full-service EPC contractor headquartered in Granite Falls, Minn. Utilizing a database of over 10,000 direct-hire employees, Fagen, Inc. provides both full EPC wraps and general contractor services to its client base. Fagen self-performs civil, structural, siding, insulation, millwright, piping, instrumentation, electrical, and commissioning. Striving to be the construction company most admired by their customers for their people, partnerships, performance and finished product, Fagen, Inc. is ultimately building a better world for tomorrow.

https://www.gevernova.com/
GE Vernova

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