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Beaver County Selects Constellation to Implement $9.6M in Energy Efficiency Improvements

County to also offset 100% of its annual electricity use with emission free energy credits through a commodity supply contract structured and provided by Constellation

BEAVER COUNTY, Pa. (October 29, 2020) — Beaver County has selected Constellation, an Exelon company, to implement more than $9.6 million in energy efficiency and critical infrastructure improvements across 16 county sites, including its courthouse, correctional facility, and human services building.

The energy conservation measures, which include LED lighting, water consumption upgrades, building envelope improvements, and expanded energy management systems, together with other project-related savings, are expected to save Beaver County more than $800,000 in the first year, with continued annual project-related savings over the course of a 15-year energy performance contract exceeding $12.5 million. Project construction began in September and is expected to be completed by Fall 2021.

“Spanning 16 County-wide facilities, this energy conservation project will enable the County to reduce its carbon footprint and improve critical infrastructure while providing far-reaching cost savings,” said Daniel Camp, Beaver County’s Commissioner Chairman. “We’re pleased to work with Constellation on these sustainability initiatives and are committed to doing our part to make a positive impact on the environment.”

The project is expected to conserve more than 1.7 million kilowatt-hours of electricity and prevent the release of more than 1,200 metric tons of carbon emissions annually, the greenhouse gas equivalent of removing more than 250 cars from the road in one year, according to U.S Environmental Protection Agency estimates.

Additional energy efficiency improvements include:

* Updating mechanical and control systems, including integrating all primary county facilities into one building automation/energy management system
* Replacing the courthouse’s roof, boilers, and cooling tower
* Installing LED sports lighting at the Brady’s Run Park recreational facility

“By implementing solutions designed to reduce energy consumption, this comprehensive project will help the county address its aging infrastructure while providing durable operational cost savings and an enhanced occupant experience,” said John Wardle, vice president, Energy Efficiency, Constellation. “We commend Beaver County on taking this proactive approach to meeting its sustainability goals.”

Additionally, 100% of Beaver County’s estimated 41,000 megawatt-hours of annual electricity use over the next four years (December 2021 through December 2025) will be carbon-free, backed by Emission Free Energy Credits (EFECs). EFECs represent the emission-free attributes of generating sources, such as nuclear, that do not directly emit greenhouse gases. Working with the County’s commodity consultant, Premier Power Solutions, Constellation was able to structure agreements along with the energy improvements that are expected to yield an additional seven percent reduction in the county’s overall electricity costs and 14 percent reduction in gas costs beyond those saved from the efficiency measures alone.

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**About Constellation**

Constellation is a leading competitive retail supplier of power, natural gas and energy products and services for homes and businesses across the continental United States. Constellation's family of retail businesses serves approximately 2 million residential, public sector and business customers, including more than three-fourths of the Fortune 100. Baltimore-based Constellation is a subsidiary of Exelon Corporation (NASDAQ: EXC), the nation’s leading competitive energy provider, with 2019 revenues of approximately $34 billion, and more than 31,000 megawatts of owned capacity comprising one of the nation’s cleanest and lowest-cost power generation fleets. Learn more at [www.constellation.com](http://www.constellation.com/) or on Twitter at [@ConstellationEG](https://twitter.com/ConstellationEG?lang=en).

**About Beaver County**

​Beaver County is located in southwest Pennsylvania northwest of the city of Pittsburgh. The County is bordered on the west by the States of Ohio and the panhandle of West Virginia; the south by Washington County; the east by Allegheny and Butler counties; and the north by Lawrence County. The predominate feature of the County is the Ohio River which enters from the southeast and flows to the center of the county before turning southwest and exiting the state to form the boundary between Ohio and West Virginia. The remainder of the County is characterized by gently rolling foothills and valleys of the Appalachian Mountain Range. Beaver County is comprised of 2 incorporated, third class cities (Aliquippa and Beaver Falls), and 52 boroughs and townships.