



CTS Group, A Veregy Company
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FOR IMMEDIATE RELEASE

CTS GROUP, A VEREGY COMPANY, AWARDED INSTALLATION OF SOLAR PV SYSTEM FOR TRIAD CUSD #2, ILLINOIS SCHOOL DISTRICT

TROY, IL – CTS Group, an energy service company (ESCO), headquartered in St. Louis, MO, was awarded the design and installation of a new solar PV system for Triad Community Unit School District #2. The total system is expected to save the school district an average yearly amount of \$127,968 and generate approximately 1,758,801 kilowatt hours of power in the first year.

The solar panel project will consist of three solar systems in two phases. Phase 1 includes rooftop panels at Silver Creek Elementary School and part of the ground-mounted panels at C.A. Henning Elementary School and St. Jacob Elementary School. It will generate enough electricity to offset nearly 211 residential utility customers.

Triad will recognize savings of greater than \$3,839,060 over thirty- years, which will allow the school district to offset roughly between 42% to 75% of its energy consumption with solar PV (photovoltaic), depending on the school. The project is scheduled to be completed in mid Q2/early Q3 of 2020.

Energy Reduction Percentages for Each School in Triad CUSD #2

- a. St Jacob: % Offset = 75%
- b. Henning: % Offset = 46%
- c. Silver Creek: % Offset = 42%

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Triad is receiving funds through the Adjustable Block Program, which was established by the Illinois Future Energy Jobs Act of 2017 to install solar PV systems. The school district captured more than \$857,787 of incentives known as Solar Renewable Energy Certificates.

On days where solar exceeds the school demand, Triad will receive energy credits to apply toward future energy bills through Illinois Net Metering policies.

Gordon Schweitzer, Senior Project Engineer at CTS Group commented that the solar PV system installation will result in the following annual reductions of greenhouse gasses according to the EPA Greenhouse Gas Equivalencies Calculator:

- 211 homes electricity use for one year, or
- 1,370,213 pounds of coal per year, or
- 139,928 gallons of gasoline per year, or
- 47,242 incandescent lamps switched to LEDs.

Triad Assistant Superintendent, Mike Raymond said, speaking of Phase 1, "Over the next 30 years, we will save more than \$3.8 million (in reduced power bills) over and above the cost of the project. "We'll go above that with Phase 2."

An additional benefit of the solar panel systems is the educational component where students learn about solar panel operation and their environmental benefits, thus increasing both technical knowledge and environmental awareness. "This project will not only generate revenue for additional building upgrades, but also provide visual educational material for STEM related lessons that students and teachers can incorporate into their curriculum.", says Gordon Schweitzer, professional engineer and NABCEP associate at CTS Group.

Co-founder of CTS Group and VP of Veregy Midwest, Scott Ririe says, "We have seen continuous growth in the usage of solar PV systems. Our history of energy saving upgrades for school districts over the last twenty years continues with the cost-effective design and installation of solar PV systems. We also assist schools with funding like the Adjustable Block Program offered in Illinois and utilizing energy credits to stay ahead of future energy bills."

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CTS Group, a Veregy Company, utilizes Guaranteed Performance Contracting to provide outstanding energy saving solutions that exceed expectations in funds saved and long-term sustainability. CTS Group's team-oriented approach leads to highly successful results and long-term relationships built on trust and respect. Clients can count on CTS Group's team for Facility Master Planning & Execution, including energy efficient infrastructure upgrades, ad hoc building maintenance projects, and day-to-day facility monitoring in mechanical, electrical, plumbing, solar, battery storage, geothermal, microgrid and customizable building control systems.

For more information please contact Diane Schoenefeld at CTS Group (636-686-9856) or visit the CTS Group website at www.ctsgroup.com



Silver Creek Elementary School



St. Jacob Elementary School



Henning Elementary School