



Contract Details

Contract Type:

Energy Savings Performance Contract; Energy Efficiency; Guaranteed Energy Savings; Wind Power; Renewable Energy; Geothermal; Photovoltaic System

Facility Size:

209,800 sq. feet

Energy Project Size:

\$7,600,228

Energy Savings:

\$319,864 annually

Summary

Ameresco partnered with Porta Community Unit School District #202 to implement their Renewable Energy and Energy Savings Program. This is the fourth school district in Illinois to construct a large-scale wind turbine generator. Porta Community Unit School District #202 is the first school district to implement three green options: geothermal, wind and solar.



Customer Benefits

The District is benefiting from lower overhead costs and an improved educational and working environment. As a result of Ameresco's installed conservation, the District is expected to save over \$319,864 per year over the course of this project.

Accolades

"In general the Board of Education felt that controlling energy costs through generation of electricity and highly efficient methods of heating and cooling the schools will only increase the districts ability to maintain a balanced budget and prolong the current programs offered at Porta."

– Matt Brue, Superintendent

Environmental Benefits

Through the District's partnership with Ameresco, the wind turbine alone will remove 2,045 tons of carbon dioxide from the atmosphere each year. The project helps reduce the need for energy from traditional power plants fueled by fossil fuels.

The 1 kW photovoltaic system will generate an estimated 800 kWh per year. By generating this level of electricity, the amount of CO₂ emissions reduction is expected to be 0.7 metric tons annually.

Services Provided

This performance contract combined several renewable energy elements and traditional conservation methodologies. The technical measures included the installation of a geothermal heat pump system, on-site wind turbine generator, lighting retrofits, HVAC control system re-commissioning and upgrade, domestic hot water system upgrades and swimming pool heating system upgrades.

About Porta Community Unit School District #202

Located in Petersburg, Illinois, Porta Community Unit School District #202 is a K-12 school district with five schools. Students are their highest priority and the entire community is an integral partner in the educational process. *Learn more at www.porta202.org.*

About Ameresco

Ameresco, Inc. (NYSE:AMRC) is one of the leading energy efficiency and renewable energy services providers. Our energy experts deliver long-term customer value, environmental stewardship, and sustainability through energy efficiency services, alternative energy, supply management, and innovative facility renewal all with practical financial solutions. Ameresco and its predecessors have constructed billions in projects throughout North America.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please visit ameresco.com.