

Case Study

Titan Energy Drives Solar Savings for Claymont School District

Empowering smarter energy choices through expertise and innovation.

CHALLENGE

Claymont School District faced rising utility costs and sought a renewable energy solution to achieve significant long-term savings. With limited expertise in navigating the solar energy market, district officials needed a trusted partner to guide them through the complexities of vendor selection, financial analysis, and contract negotiation.

APPROACH AND SOLUTION

Titan Energy stepped in as a critical advisor, leveraging its deep expertise and proprietary software to deliver a tailored solution. Titan Energy educated the district on opportunities provided by the Inflation Reduction Act (IRA), ensuring they fully understood the potential benefits. As part of their ongoing partnership with the Ohio Mideastern Regional Educational Service Agency (OMERESA), Titan Energy identified that Claymont City Schools qualified

AT A GLANCE

- ▲ **Location:** Uhrichsville, Ohio
- ▲ **Building Type(s):** Public school
- ▲ **Services Performed:** Onsite solar
- ▲ **Solar Contract:** 25 years
- ▲ **Solar Generation:** 1,250,000 kWh/year
- ▲ **Year 1 Savings:** \$40,000
- ▲ **Projected Savings:** More than \$1,000,000 over 25 years

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APPROACH AND SOLUTION [CONTINUED]

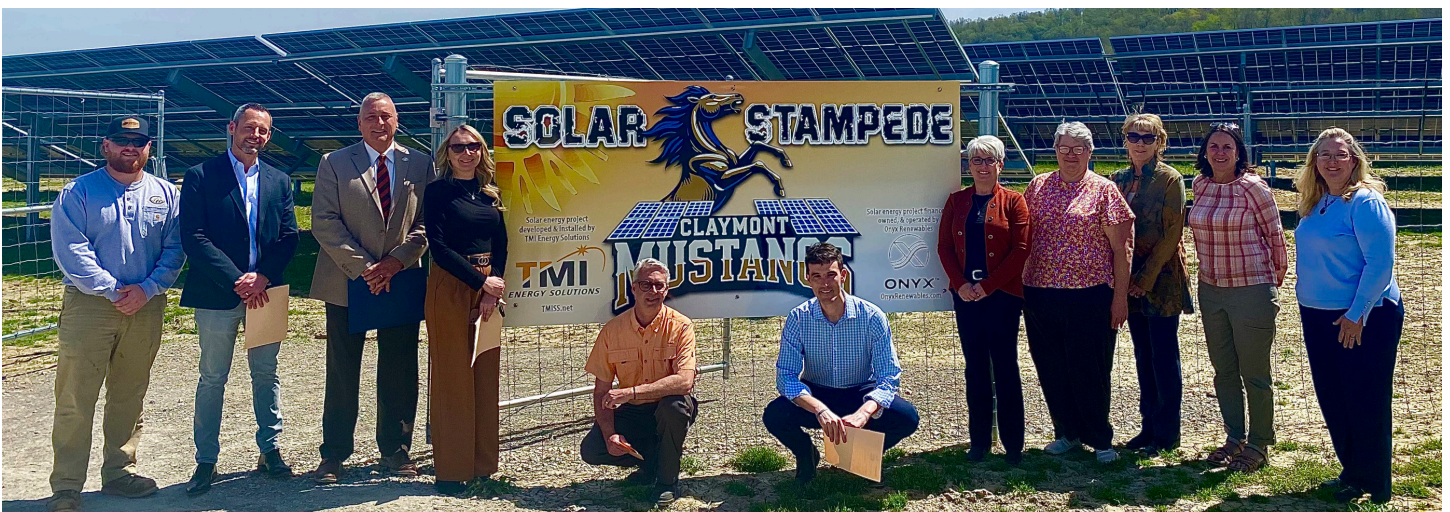
as an “Energy Community,” securing additional federal tax incentives that helped reduce project costs.

The Titan Energy team conducted a preliminary analysis to illustrate what a solar Power Purchase Agreement (PPA) could achieve for the district. Their findings led Claymont to pursue a solar project on the cornfield adjacent to the high school. Titan Energy then drafted and managed a competitive Request for Proposals (RFP) process, maintaining a strong commitment to transparency and value.

The bidding process revealed tight margins among vendors, but Titan Energy’s advanced analysis tools helped ensure the right partner stood out. Their proprietary software provided an estimated PPA rate, enabling the district to confidently select the best proposal. Ultimately, TMI Energy Solutions was awarded the project.

The resulting solar array is expected to cover approximately 90% of the district’s electricity usage and is projected to save Claymont City Schools more than \$1 million over the next 25 years, translating to over \$40,000 in annual savings.

Titan Energy’s expertise, innovative tools, and strategic guidance empowered Claymont School District to make an informed decision, securing significant financial and environmental benefits for years to come. The success of this project was recently celebrated during a ribbon-cutting ceremony alongside TMI Energy Solutions, Onyx Renewables, and OME-RESA—marking a major milestone in Claymont’s commitment to a sustainable, forward-thinking future.



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