

CASE STUDY:

CAMBRIA COUNTY

Cambria County Prison and North Central Recreation Center

MULTIPLE-FACILITY ENERGY SAVINGS

Cambria County engaged TEN to pursue multiple projects that addressed facility operations issues while saving energy.

Cambria County has implemented a number of technology-driven energy projects at the Cambria County Prison while installing comprehensive LED lighting upgrades at the North Central Recreation Center.



PROJECT SNAPSHOT

Cambria County Prison implemented energy efficiency projects that modernized lighting systems using money-saving LED fixtures, while upgrading their domestic water system using more cost-effective energy sources and modern equipment.

The North Central Recreation Center enhanced its “rink appeal” by investing in upgraded LED lighting that improved light levels while significantly lowering energy costs.

TECHNICAL COMPONENTS

- State-of-the-art LED lighting systems
- HVAC upgrades
- Upgraded geothermal heating and domestic hot water systems

CUSTOMER PROFILE

The North Central Recreation Center is the premiere public ice facility of Cambria County, serving the community since 2004.

The Cambria County Prison serves to provide protection and safety for the citizens, staff, and the legally incarcerated of Cambria County.



TEN was creative in developing and installing innovative solutions to address geothermal and domestic hot water issues we have at our prison. We anticipate these solutions will solve our problems while saving the County money. TEN has really engaged local companies in the project, and the project ran smoothly with consistent communications.

— *Michael Gelles,*
Chief Clerk Cambria County

PROJECT RESULTS

\$1.2 MILLION

Total project size

\$107,000

Annual guaranteed savings

\$17,000

Rebates applied for and secured

1,400+ MWh

year electricity saved

3,000 MCF

year natural gas saved

354,000 GALLONS

year water saved

833 METRIC TONS

year CO2 avoided

Equivalent to almost

14,000 TREES

planted

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