CASE STUDY

University of Toledo

Toledo, OH

plug smart™
intelligent building solutions

The Client

The University of Toledo (UT) is a large public university in NW Ohio serving 23,000 students on three campuses: Health Science, Scott Park, and Main Campus.

The Challenge

UT has a major engineering and research focus surrounding photovoltaics and desired to show their commitment publicly. Unless applied to rooftops, which is more expensive, a significant area of land is required to generate large amounts of electricity. UT's main campus is dense with buildings, recreational areas and trees.

Our Solution

- Plug Smart developed a solar installation for the Scott Park Campus of Energy and Innovation, which would allow engineering students to monitor its performance and learn from it for years to come.
- Constellation Energy partnered on the deal by financing the project, entering into a 20-year Power Purchase Agreement (PPA) with the University, who would purchase their energy from the company at a pre-determined rate.
- This was the first PPA by a public institution in the State of Ohio.

"Our relationship with Plug Smart for the solar and wind electric generation systems on Scott Park campus will help students and researchers advance the technology that will power our future."

—Dr. Lloyd Jacobs,
University of Toledo
Former President

1,000 TONS

Reduction of CO_2 emissions

...

26%

Energy Generated Per Year

1.12 MW, 8 acre solar field, First Solar

...

10 kW rooftop solar array, Xunlight

...

80 kW wind turbine, Wind Energy Solutions

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