

# CASE STUDY

## University of Toledo

Toledo, OH



### 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<sub>2</sub> 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