



CASE STUDY:

PLUMBERS AND PIPEFITTERS LOCAL 553 TRAINING CENTER

GRP|WEGMAN, partnered with Day and Night Solar, scoped and installed a project for Local 553 Plumbers and Pipefitters Training Facility located in East Alton, Illinois.

The training center is approximately 10,000 sq ft.

They have one full time instructor and have the most up to date equipment to train their apprentices in both plumbing and pipefitting. This includes multiple welding booths that can be used for all the applications needed in their field.

PROJECT NEEDS

GRP|WEGMAN and Day and Night Solar had met with the board to discuss the energy savings, tax credits and SRECS available. They were interested in saving on their electric bill. Classes are only taught at night and a few weekends; thus, making this a perfect scenario for a solar system.

PROJECT SCOPE

- We furnished labor and material to install a 50.5kw solar system which included 133 380-watt panels, 1 new 3phase inverter, all brackets, conduit and wiring.
- We furnished all necessary Ameren required disconnecting means and network connections.

RESULTS, IMPACT & TIMELINE

Local 553 had decided to apply for the SRECs before installation—in the summer of 2020. They were approved in early fall of 2020. We then ordered all the material needed for this project and installed them in the last quarter of 2020.

All permits, inspections and commissioning were completed by the end of 2020.

Since this installation we are discussing additional solar panels for their newly constructed canopy.