

YWCA of McLean County Bloomington, IL (2017)



System Benefits

123 kW (DC) Solar Capacity

- Est. Annual Energy: 150,000 kWh

Equipment:

- Panels: 383 JA Solar 330 Watt
- Inverter: 5 SolarEdge 20,000 Watt

Funding:

- Solar PPA Agreement
- No Upfront Cost
- Maintenance Free

Completion Date: August, 2017

Annual Impact:

- \$3,000 utility savings
- Over 250,000 avoided lbs. of CO₂

25 Year Impact

- \$75,000+ Electricity Savings
- 3,750 Megawatt Hours
- 14,528 avoided tons of CO₂



StraightUp Solar - Since 2006

844.97.SOLAR | StraightUpSolar.com | St. Louis MO | Swansea & Bloomington IL

YWCA of McLean County Bloomington, IL (2017)



For more than 100 years, the Young Women's Christian Association of McLean County (YWCA) has been a constant force in the lives of families in our Bloomington-Normal and McLean County community. The YWCA is once again leading by example by powering their building with clean solar energy, thereby reducing energy costs and committing to a cleaner environment.

Going Solar at the YWCA would have been impossible without the benefit of a **Power Purchase Agreement (PPA)**. In essence, the YWCA roof acts as a "host" for the solar system, and the facility uses solar energy produced by the system at a rate lower than what the organization currently pays the traditional utility. This results in substantial savings over the life of the system, savings that can be directed toward new programs and staff to further advance the mission of that organization, school, or municipality.

With a PPA there are **no capital costs to the organization - upfront or ever**. Opportunities for the organization to own the system are available as a choice for even better financial returns.

The YWCA solar installation is a 123 kW array made up of 383 solar modules. The system is expected to produce approximately 150,000 kWh of solar energy in year 1 and will eliminate nearly 250,000 lbs. of carbon dioxide emissions in the first year alone.

We would like to congratulate the YWCA for being an early adopter of solar in Bloomington-Normal. If you know a non-profit organization or commercial business that could benefit from going solar, please put them in touch with us or see how solar can impact your commercial business's bottom line by visiting StraightUpsolar.com/commerical.