



Exelon City Solar

In July 2010, Exelon completed work on **the largest urban solar installation** in the United States – a 10-megawatt solar power plant on a brownfield site in Chicago’s West Pullman neighborhood. Exelon City Solar was dedicated on July 21, 2010.

Solar and other renewable energy sources are important elements of Exelon’s strategy to offer more low-carbon electricity in the marketplace as part of *Exelon 2020: A Low-Carbon Roadmap*. The goal of *Exelon 2020* is to eliminate the equivalent of the company’s 2001 carbon footprint, or 15 million metric tons of greenhouse gas emissions, by 2020.

The Site

- Located at West 120th Street between South Peoria and South Loomis streets on Chicago’s far southwest side in the West Pullman neighborhood.
- Situated on 41 acres of former industrial “brownfield” property that has been vacant for more than 30 years, the site is now remediated and restored to productive use.

Solar Technology

- 32,292 solar photovoltaic (PV) panels convert the sun’s rays into clean electricity with zero carbon emissions.
- Generates more than 14,000 megawatt-hours of electricity per year — enough to meet the annual energy requirements of up to 1,500 homes.
- Uses SunPower Tracker technology, which rotates the panels to follow the sun’s path across the sky to maximize panel productivity.
- Low-profile design is passive and makes virtually no noise.

Benefits to the Environment

- Displaces approximately 31.2 million pounds of greenhouse gas emissions per year — equivalent to taking more than 2,500 cars off the road.
- Features an environmentally friendly design and sustainable landscaping, enhancing and beautifying a long-neglected brownfield property.

Benefits to the Community & Economy

- Approximately 200 construction jobs created, with at least half of all work hours filled by Chicago residents. Approximately 44 percent of contractors were minority-owned; approximately 5 percent were women-owned.
- Steel tubing and other construction materials manufactured on Chicago’s South Side. For example, all of the 7,300+ steel piers were sourced from Fabricating & Welding Corp., located one mile away from the solar plant.
- Will generate real estate tax revenues by returning the property to the tax rolls
- Development partner SunPower will develop hands-on educational programs in the Chicago area and install solar systems on rooftops of local non-profit and/or low-income housing facilities.

Cost and Timeline

- Project cost: Approximately \$60 million.
- July 2009: Site work began; December 2009: Commercial operation commenced; February 2010: All solar panels online; March 2010: All panels tested and in service; July 2010: Final site work completed.