

# PPL Renewable Energy | Crayola Solar

Crayola, the maker of crayons, art supplies and other creative products, may be the most colorful company in the world, but its current favorite is green. The manufacturer has partnered with PPL Renewable Energy and UGI to develop a solar energy project that will provide green, clean power to Crayola's Easton, Pa., headquarters and manufacturing plant.

PPL Renewable Energy will design, construct and operate a 1.9-megawatt photovoltaic (solar) system that will convert energy from sunlight to help Crayola produce 1 billion crayons per year.

The solar facility will provide 10 percent of Crayola's total annual energy consumption and 30 percent of the energy used by its crayon manufacturing division. Generating the same amount of electricity with fossil fuels would produce about 1,900 tons per year of greenhouse gases.

The reduction of greenhouse gas emissions is equivalent to these annual environmental benefits:

- Planting 400 acres of pine forest.
- Removing 325 cars from the road.
- Reducing consumption of 200,000 gallons of gasoline.
- Reducing the importation of 4,100 barrels of oil.

PPL and UGI are equal financing partners in this sustainable project. The power generated will be purchased by Crayola. The renewable energy credits will be marketed by PPL EnergyPlus, PPL's marketing and trading arm, and UGI Energy Services.



**Location:** Easton, Pa.

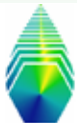
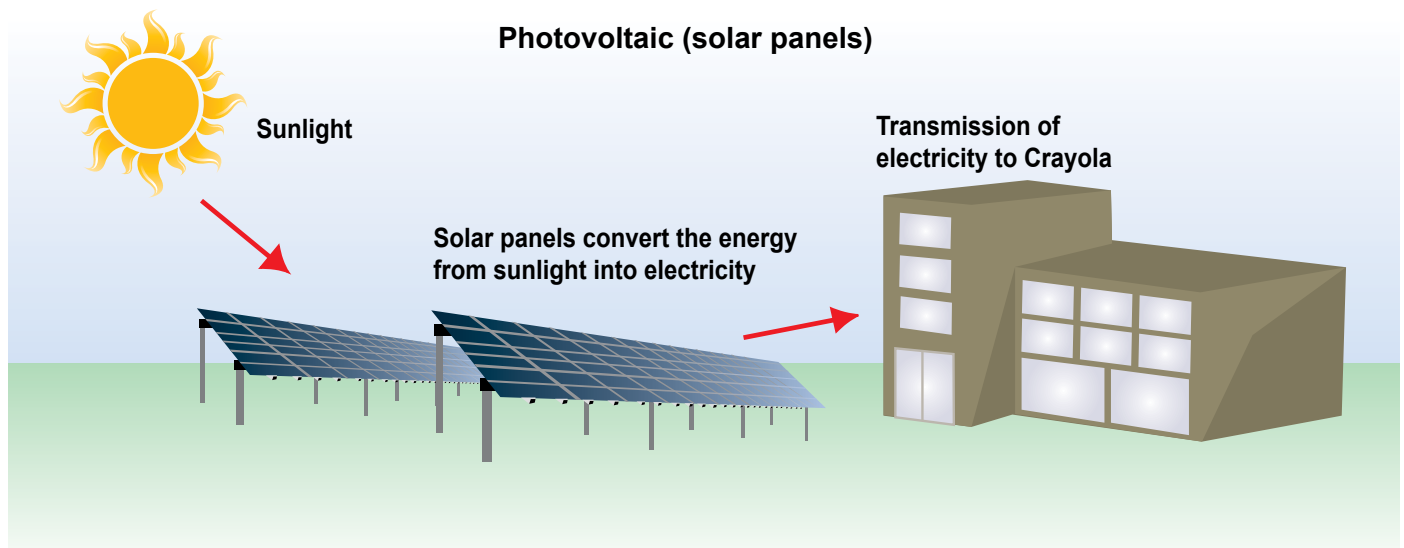
**Operational:** Winter 2010

**Equipment:** Solar Panels

**Capacity:** 1.9 MW

**Input:** Sunlight

**Output:** Daytime, peaking power for Crayola



UGI Energy Services, Inc.  
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