

# SolarWorld solar panels ready to power center modeling world advance in sustainable building

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SolarWorld authorized installer Energy Independent Solutions has completed installation of 125 kilowatts worth of 250-watt Sunmodule(TM) solar panels — three-quarters on the roof, a quarter on the ground — to power the new, three-story educational, research and administrative center ( <http://www.phippscsl.org/> ) on the 118-year-old Phipps campus. Combined with energy efficiencies, solar hot water, natural light capture, and geothermal heating and cooling, the solar electric power will help free the center from reliance on off-site energy.

Also independent from off-site water, the 24,350-square-foot Phipps center on a 2.65-acre park site will be the world's first project built to simultaneously meet or exceed the three most prestigious standards of sustainable construction: the International Living Future Institute's Living Building Challenge; the U.S. Green Building Council's highest level of certification, LEED(R) Platinum; and four-star certification of the SITES(TM) landscape rating system, also called the Sustainable Sites Initiative.

“This new feat of green building will stand as a model to prove we possess the know-how to construct buildings that do not drain the planet's energy resources,” said Kevin Kilkelly, president of SolarWorld Americas. “Solar power provides a perpetual, clean source of power on the site, exactly where energy demand will rise. Solar technologies, energy efficiencies and engineering innovations work together to show how we can better use the resources already abundantly available at this site and in much of the rest of the world.”