

OES News Summer 2012

First Commercial TCS Ground Mount Installed



June 6th saw an Olympic Energy Systems-developed ground mount solar electric system send electricity to the utility grid in Findlay, Ohio. The University of Findlay installed a two row Tensioned Cable System, the G1, supporting a **2.7 KW** output solar array. The system uses the first production G1.

The system lies adjacent to a Skystream 3.7 wind turbine (rated at 1.9 KW) on a 45 foot pole, tied to the grid as well. The two systems are tied to two different residences (dorms for the school), setting up a competition for energy production, a *Solar v. Wind* challenge. Both systems were financed in large part by grants from the Dominion Foundation and BP.

Take a short walking tour at <http://youtu.be/spgoDjkSqaU>

The financial incentives in Washington State (and at the federal level) allow for a cost effective solar electric system, especially with the low cost TCS G1 or R1 mounting systems, which significantly reduce installation labor costs. OES has both roof and ground TCS mounting systems in service.



Tensioned Cable System

Our development is focusing on production of our baseline TCS kits – the R1 and G1, quality assurance, two-tier mounting ground units (TCS G2) and KW scale Solar Farms. Small farms qualify for USDA grants, as well as the 30% Federal Tax Credit and production incentive payments (in Washington State). Oregon has significant incentives, including a buy-down, worth \$1.25 to \$1.75 per watt, a renewable energy systems property tax exemption, and even a performance-based initiative (through 2015). Available incentives by state are summarized at www.dsireusa.org.

Our President, Jonathan Clemens, is still doing free initial consultations and further (fee based) site assessments, designs, and development of systems, both on-grid and off-grid, though the company is pursuing product development of its Tensioned Cable System for mounting solar panels on roofs and the ground without penetrations or foundations.

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