

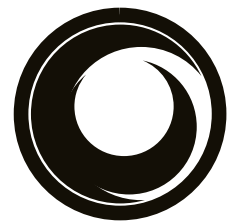
CASE STUDY

Little Thunder PV Workshop

In 2003 the Rosebud Lakota Sioux Tribe of South Dakota made U.S. renewable energy history when they built a 750 kW wind turbine to power their casino. In 2005 they started exploring ways to demonstrate smaller scale renewable

energy applications and thus initiated the Clean Energy Education Partnership (CEEP). They brought in Trees, Water, and People (www.treeswaterpeople.org) to manage the implementation of four distinct renewable energy projects at the home of elders Cecil and Rosie Little Thunder:

- A solar air heating system
- A windbreak and shade trees
- A 1.8 kilowatt Skystream 3.7 wind turbine
- A 1.3 kilowatt solar electric system



SunJuice
INTEGRATED SOLAR DESIGN



SunJuice

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TWP contracted with SunJuice Solar to design and install the solar electric system while conducting a workshop to train housing authority workers in the technology. The system, which consists of 10 Kyocera 130 roof-mounted modules in series supplying a SunnyBoy 1800 inverter, was successfully completed in May, 2007.

