

Specifications:

Location: Honolulu, HI

Date Completed: Fall 2008

System Size: 120kW DC / 100kW AC

Modules: 576 Suntech STP210

Inverters: 1 PVPowered PVP100

Description:

The 120kW solar electric facility is attached to the 23 degree pitched roof of the school's athletic facility. The system consists of 576 solar modules and one 100kW inverter which delivers electricity to the school's electrical grid, providing power to the entire campus where needed. The system generates over 190,000kWh of electricity annually.

The school avoids generating thousands of tons of harmful emissions such as carbon dioxide, nitrogen oxide and sulfur dioxide by purchasing the clean, renewable energy from this energy facility. This renewable energy facility is owned, operated and maintained by Island Pacific Energy and the power generated is sold to the school at a competitive rate.

CASE STUDY

**Punahou School
Athletics Complex
Honolulu, HI**

About Island Pacific Energy

Island Pacific Energy is the leading developer/operator of photovoltaic solar energy facilities in the State of Hawai'i and is the recipient of the Governor's Award for Innovation. Island Pacific Energy makes renewable energy systems affordable to Hawaiian consumers, businesses, government, and not-for-profit organizations. For more information, please visit www.islandpacificenergy.com.



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