

Specifications:

Location: Honolulu, HI

Date Completed: Fall 2008

System Size: 90kW DC / 75kW AC

Modules: 432 Suntech STP210

Inverters: 1 PVPowered PVP75

Description:

The 90kW solar electric facility is oriented around the hexagonal flat roof of the school's unique classroom and library buildings. The system consists of 432 solar modules and one 75kW inverter which delivers electricity to the school's electrical grid, providing power to the entire campus where needed. The system generates over 130,000kWh 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
Bishop Hall
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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