PPA Case Study

MAUNA LOA SHORES HILO, HI

Mauna Loa Shores, a seven floor shore-front highrise located in Keaukaha operated by a non-profit community association recently installed solar to help power their 84 condo units.

Using a **Solar Power Purchase Agreement** (PPA), Mauna Loa Shores partnered with Technology Credit Corp. (TCC) and ProVision to install a 83 kW PV system consisting of 308 Kyocera 270 Watt solar panels mounted on the roof of the highrise. This system will produce 100,000 kWh annually. Buying solar power through the PPA allows Mauna Loa Shores to save $8,000 in the first year on utility costs with no out-of-pocket cost for their system. Their yearly savings will increase as HELCO rates increase. Additionally TCC is responsible for the system's maintenance and repair for the duration of the PPA. At the end of the PPA term in 15 years Mauna Loa Shores can: 1) opt to renew the agreement with TCC, 2) buy the existing system at fair market value, or 3) have the system removed.

About ProVision Solar, Inc.

ProVision Solar and TCC have collaborated for over ten years to provide solar solutions to non-profits on the Big Island. ProVision Solar is a Hawaii grown solar electric installation company specializing in grid connected and battery supported photovoltaic energy systems since 1998. We add value to your clean energy purchase by providing customer education, best design practices and an array of financing options.

Solar Power Purchase Agreements: A path to ownership for non-profits

PPA arrangements enable the host customer to avoid many of the traditional barriers to adoption for non-profit entities looking to install solar systems: high up-front capital costs, lack of tax incentives and system performance risk. In addition, PPA arrangements can be cash flow positive for the host customer from the day the system is commissioned.

Benefits & Challenges of PPAs

Benefits for Host Customer

No up-front capital cost.

Predictable energy pricing.

No system performance or operating risk.

Cash flow positive from day one.

Challenges for Host Customer

More complex negotiations.

Potentially higher transaction costs than buying PV system outright.

Administrative cost of paying two separate electricity bills.

ProVision Solar, Inc.
Electrical Contractor C-26351

EXCEPTIONALLY INTELLIGENT SOLAR BY DESIGN

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