



## Restoring Kaho'olawe Island - Powering Volunteer Work with the FastRack 510-6dg.

### Key Project Facts:

---

#### Location & Year

Kaho'olawe, Hawaii 2018

#### System Size

99.96 kW-DC

#### Mounting System

Sollega™ FastRack 510-6dg at 10° tilt

#### Modules

(294) TRINA TSM-340PD14

Originally Built in the mid-1980s to support live fire weapons training for the U.S. Navy, Kaho'olawe Base Camp has been repurposed for use by the Kaho'olawe Island Reserve Commission and their volunteers teams. These use the camp to pursue the mission of "...restoring a Native Hawaiian dryland forest across 28,780 acres, working to protect 51,200 acres of Reserve waters, preserving 3,000 historic sites and features, and training the next generation to be the physical and spiritual healers of Kaho'olawe." - Kaho'olawe Island Reserve Commission.



Photovoltaic panels at Honokanai'a base camp.



Final PV powered hut.



New view of the Honokanai'a Base Camp

Alongside a redesigned desalination plant, a 60kW battery backup, and renovations to the dining hall and kitchen, the ground Mounted PV installation is expected to decrease the base camp's carbon footprint by 53.3 tons.

Sollega has a long history of work on the Hawaiian islands, as their unique polymer frames can withstand high salt-spray environments that metal racking cannot. See Sollega Case Studies on the Honolulu & Kahului Airports and Kona Village Resort Ground Mount.

"By harnessing the energy from the sun and being able to store that power to use for operations on Kaho'olawe, this project exemplifies the Senate's commitment to the 17 United Nations Sustainable Development Goals... More importantly, I commend KIRC for managing Kaho'olawe for our future Native Hawaiian sovereign entity in a manner that promotes self-sufficiency and sustainability given the limited resources we have in these islands."

- Senator J. Kalani English

## Contact Information:



[Sollega.com](http://Sollega.com)



(415) 648-1299



[info@sollega.com](mailto:info@sollega.com)