

# Keahole solar power



Standard 20ft containers



Standard 40ft containers





## Overview

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Holaniku at Keahole Point is a 2MW micro-scaled concentrated solar power plant in the Kona District (west coast) of the island of Hawai'i. It is located in the Natural Energy Laboratory of Hawaii at Keahole Point. Holaniku at Keahole Point is the first commercial solar thermal power plant to be built using solar collectors.

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## Keahole solar power

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### Sopogy Solar Farm Brings Power to Big Island of Hawaii



Sopogy, Incorporated has broken ground on the Big Island of Hawaii on the Keahole Solar Power renewable energy farm. This solar farm will be the first of its kind to use Sopogy's large-scale MicroCSP solar concentrating system. The Sopogy MicroCSP solar

### Power Facts , Hawaiian Electric

Variable (As-Available) Generation: Hawaiian Electric Plants Puueo Hydro: 3.4 MW Waiau Hydro: 1.1 MW Independent Power Producers AES Waikoloa Solar: 30 MW + 120 MWh storage Pakini Nui Wind: 20.5 MW Wailuku River Hydro: 12.1 MW Hawi Renewable



### Hawaii Electric Light History

Sopogy and Keahole Solar Power Development inaugurated the world's first MicroCSP (Micro-Concentrating solar power) solar thermal farm at Nelha in 2009. 2010: Clean Energy Future Hawaii Electric Light's Pelton hydro generator, the first large hydro-powered generator installed on Hawaii Island, celebrates 100 years for producing renewable energy for the island.

### Holaniku at Keahole Point

Holaniku at Keahole Point is the first commercial solar thermal power plant to be built using solar collectors manufactured by Sopogy. The project was developed by Keahole Solar Power, LLC. ...



[Keahole Solar Power Plans 5 MW CSP Project](#)

website creator Keahole Solar Power LLC has signed a lease agreement with the Department of Hawaiian Home Lands for land in Kalaeloa, Hawaii. The land will be used for the 5 MW Kalaeloa Solar One



[Energy Portfolio & Projects](#)

Keahole Solar Power established its first pilot plant at HOST Park in 2007 to demonstrate novel concentrating solar panels that could withstand storms and thermal energy storage systems. This facility is currently being utilized to ...



**Jason Kuraoka**

Keahole Solar Power Board of Directors Related Hubs Edit Related Hubs Section Hub Name CB Rank (Hub) Closed Energy Companies 12,080 Closed Solar Companies 28,137 Advantage Capital Portfolio Companies 62,276 Recent News and Activity Start Your



### Holaniku at Keahole Point

Keahole Solar Power Solar farm Type CSP CSP technology Parabolic trough Site area 3 acres (12,141 m 2) [1] Power generation Units operational 1,000 Nameplate capacity 2 MW Capacity factor 2% [1] [edit on Wikidata] Close Holaniku at Keahole Point is the

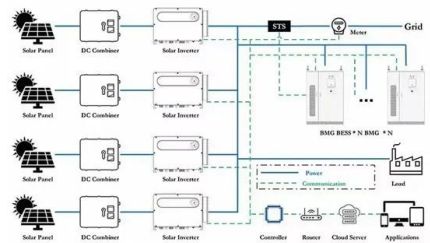


### Concentrated Solar Power

Concentrated Solar Power Focusing the sun's energy for large-scale power generation August 2009 Concentrat Keahole Solar Project21 Kailua-Kona, HI 2008 Demonstration project by Sopogy 0.5 MW Micro Trough Sierra SunTower

### The Pros and Cons Of Solar Energy (2024 Guide) - Forbes Home

Key Takeaways Some of the solar energy pros are: renewable energy, reduced electric bill, energy independence, increased home resale value, long term savings, low maintenance. Some of the cons of



### USA - Solar Thermal Power

Project Overview Power Station:Crescent Dunes Solar Energy ProjectLocation:TonopahNevada United StatesOwners (%):SolarReserveTechnologyPower TowerSolar Resource:2734Nominal Capacity:110 MWStatusOperationalStart Year:2015 Background Break



## Holaniku at Keahole Point Micro CSP Thermal Plant

The world's first micro-scaled concentrated solar power (CSP) plant at the National Energy Laboratory of Hawaii Authority (NELHA) in the Kona desert was inaugurated in December 2009. It has an installed capacity of 2MW ...

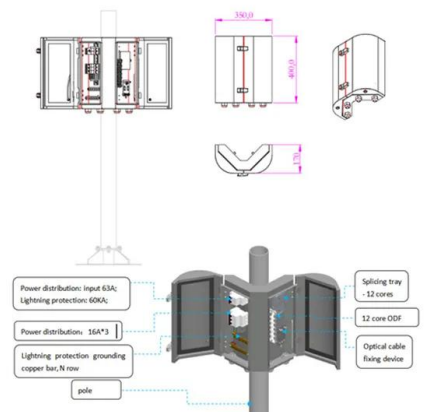


## Holaniku at Keahole Point , Concentrating Solar Power Projects

This page provides information on Holaniku at Keahole Point CSP project, a concentrating solar power (CSP) project, with data organized by background, participants, and ...

## Austrial: Liddell 3MW CSP Fresnel - Solar Thermal Power

STP focuses on solar thermal power, especially solar thermal tower plants, technology, policies, application and development around the world. I believe and dedicate to making it to life that solar thermal power will be the common and dominant green energy in high DNI regions, especially Middle East, Africa, Western China, India, Australia, USA and Latin ...



## Solar power technology for electricity generation: A critical review

Keahole Solar Power with 2 MW capacity and Saguaro Solar Power Station with 1 MW capacity. The capacities of the plants installed in Iran are 17 MW and 0.25 MW which are located in Yazd and ...



### Sopogy

Maker of micro-scaled concentrating solar power technology (MicroCSP), and related software and services. San Jose, California, United States  
11-50 Series E Private sopogy 2,735,588  
Highlights obfuscated Total Funding Amount  
Unlock for free Contacts 2

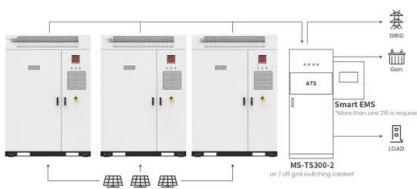


### North America - Solar Thermal Power

Project Overview Power Station:Holaniku at Keahole PointLocation:Keahole PointHawaii United StatesOwners (%):Keahole Solar Power, LLCTechnologyParabolic TroughNominal Capacity:2 MWStatusCurrently Non-OperationalStart Year:2009 Background Break

### Sopogy's MicroCSP Solar Farm Breaks Ground in Hawaii

The world's first solar farm to use micro concentrating solar power technology (microCSP) is breaking ground today, according to the microCSP manufacturer Sopogy. The ...



### Solar power technology for electricity generation: A critical review

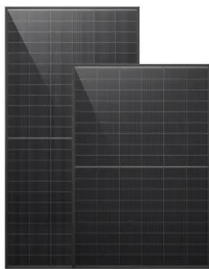
The plants and their capacity which are installed in the USA are Solar Energy Generating Systems with 354 MW capacity, Martin Next Generation Solar Energy Center with 75 MW capacity, Nevada Solar One with 64 MW capacity, Keahole Solar Power with 2

Application scenarios of energy storage battery products



### Keahole ' Oil Power Plant (World Map) , database.earth

The Keahole plant is a Oil power plant located in ?? United States of America. Keahole has a peak capacity of 89.1 MW which is generated by Oil. The power plant was commissioned in 2000 and started energy production the same year.



### PROJECT PROFILE: Natural Energy Laboratory of Hawaii Authority (Solar)

SETO Subprogram: Concentrating Solar Power  
Location: Kailua-Kona, HI SETO Award Amount: \$1,928,238  
The NELHA CSP array at Keahole Point has 1,000 micro solar collectors on 3.8 acres and generates 2 megawatts of thermal energy. Photo courtesy

### 10 Biggest Disadvantages Of Solar Energy

Solar panels needed to power a typical home would cost thousands of dollars which makes the power they produce more expensive than existing energy sources. Governments are providing heavy subsidies to bring down the cost of solar panels, but this would just add to the burden of taxpayers.



### Keahole Solar Power

Expert Collections containing Keahole Solar Power Expert Collections are analyst-curated lists that highlight the companies you need to know in the most important technology spaces. Keahole Solar Power is included in 1 Expert Collection, including Energy Storage.



### Keahole , Distillate Fuel Oil Power Plant in Kaiminani, HI

Keahole is ranked #3 out of 1,263 distillate fuel oil power plants nationwide in terms of total annual net electricity generation. Keahole is comprised of 7 generators and generated 77.0 GWh during the 3-month period between April 2024 to July 2024.

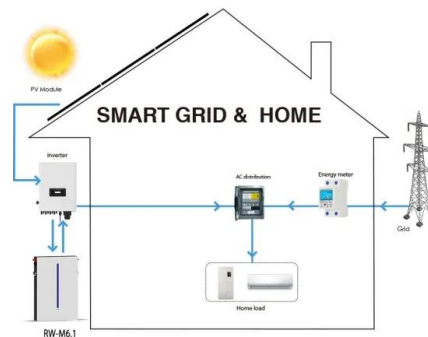


### Top Keahole Solar Power Alternatives, Competitors

Explore Keahole Solar Power's alternatives and competitors. Cool Energy Cool Energy specializes in the development of heat to power conversion products, focusing on the clean energy sector. The company's flagship product, the ThermoHeart Engine, captures

### Keahole Solar Power in Kailua, HI (Google Maps)

Keahole Solar Power (Google Maps). Holaniku at Keahole Point is a micro-scaled concentrated solar power plant in the Kona District (west coast) of the island of Hawaii. It is located in the Natural Energy Laboratory of Hawaii at Keahole Point. According to ...



### Keahole Solar Power

Keahole Solar Power develops methods for energy storage, installation, operation, and software controls for solar farms. Search Crunchbase Start Free Trial Chrome Extension Solutions Products Resources Pricing Resources Log In Organization Keahole Solar



## Harry Jackson

Keahole Solar Power Location United States, North America Gender Male LinkedIn View on LinkedIn Harry Jackson is the President of Keahole Solar Power. He attended the United States Military Academy at West Point. Jobs Edit Jobs Section Number of 1 .



## Dean Towle

Solar Power Plant Operator at Keahole Solar Power, LLC · Experience: Keahole Solar Power, LLC · Location: Kailua-Kona · 9 connections on LinkedIn. View Dean Towle's profile on LinkedIn, a

## Energy Portfolio & Projects

Keahole Solar Power established its first pilot plant at HOST Park in 2007 to demonstrate novel concentrating solar panels that could withstand storms and thermal energy storage systems. This facility is currently being utilized to demonstrate forward osmosis technology under a Department of Energy grant.



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