

# BARBERS POINT SOLAR PROJECT

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## FAST FACTS

### BARBERS POINT SOLAR PROJECT

15 MW solar photovoltaic (PV) facility coupled with a 60 MWh (4-hour) DC-coupled battery energy storage system (DC-ESS). A 46-kV generator-tie line would extend approximately 0.25 miles northeast from the solar array to connect into the existing Hawaiian Electric grid.

### PROJECT DEVELOPER

Founded in 1990, Innergex is an independent renewable power producer which develops, acquires, owns and operates hydroelectric facilities, wind farms, and solar farms in the United States, Canada, France and Chile.

### SITE

The project is to be located on two non-contiguous lots (Parcel 38 & 40) owned by the Department of Hawaiian Home Lands (DHHL) in Kapolei on the island of Oahu. The solar arrays and associated infrastructure would utilize approximately 100-acres.

### DHHL LANDS

The Barbers Point Solar Project will contribute to DHHL & Oahu's renewable energy goals as called out in the DHHL *2014 Oahu Island Plan* and Island of Oahu's *Oahu General Plan*.

DHHL lands in Kalaeloa, Oahu were deemed not suitable for homesteading due to their proximity to a nearby airport as well as their remote locations, physical characteristics, and lack of infrastructure for residential development.

While all DHHL lands in Kalaeloa are zoned for Industrial use, several parcels were designated for renewable energy production in 2014 through the Department's beneficiary consultation process and in accordance with DHHL's 2009 Ho`omalū *energy policy*.

It was also determined that the highest and best use of these available lands would be in the renewable energy category as a result of limiting issues including land tenure, presence of historical structures, and topography. The area's terrain is considered karst which is characterized by porous and permeable coralline limestone reef deposit, making much of DHHL's Kalaeloa land susceptible to sink holes and therefore more appropriate for low-intensity industrial use. Revenues developed from industrial leasing of these available lands are used by DHHL to develop new homesteads in suitable residential areas throughout the state.

In 2019, DHHL selected this solar project as part of a competitive solicitation process for the disposition of this site by general lease for a renewable energy project.

### COMPLETION DATE

The project plans to be completed and begin commercial operations by the end of 2023.

### LENGTH OF SERVICE

The proposed Power Purchase Agreement (PPA) with Hawaiian Electric Company, Inc. ("Hawaii Electric") will be for 25 years. Thereafter, the project can be purchased by Hawaii Electric, have its PPA renewed, or be decommissioned.

### BENEFITS

- In addition to the General Lease terms, Innergex has also dedicated 1% of the annual project revenues to the Kapolei Community Heritage Centre (KCHC). The KCHC membership includes the homesteader associations in the Kapolei/Kaleaeloa area including Malu'ōhai, Kaupe'a, Kānehili, and Ka'uluokaha'i communities.
- Working with Center for Native Hawaiian Advancement (CNHA) and the Makaha Training Center who will be providing a solar installation skills training course for its members and beneficiaries who are looking to participate in this industry, with a particular focus on utility-scale projects. Innergex will sponsor job fairs at the conclusion of these courses.
- In keeping with Innergex's core values, preference will be given to local resources and contractors throughout the development of the project.
- Through annual sponsorship evaluation, the project will contribute to local organizations, community projects, and events throughout the life of the project.
- The project's energy storage system can load shift the full energy output of the project to be used during peak demand in the evening or at other times when the sun is not shining.

### FUNDING SOURCE

Innergex will be responsible for 100% of the infrastructure, start-up, operational, maintenance, and decommissioning and recycling costs.

For more information: [www.barberspointsolar.com](http://www.barberspointsolar.com)

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