

KAHANA SOLAR PROJECT

Kahana Solar Project is a proposed 20 MW_{AC} solar PV system coupled with a 4-hour, 20 MW (80 MWh) DC-coupled battery energy storage system. The Project is to be located on land owned by Maui Land and Pineapple Company, Inc. (MLP) in Napili-Honokowai on Maui, Hawaii. The solar array and associated infrastructure will utilize approximately 220-acres. The solar arrays will connect into an existing Maui Electric Company, Ltd. (Maui Electric) transmission line adjacent to the site.

THE STATE'S GOAL IS TO BE 100% RENEWABLE ENERGY BY 2045

In 2019, Hawaiian Electric Companies launched the second phase of their renewable energy procurement process, the single largest procurement effort undertaken by a U.S. utility, for approximately 900 MW of new renewable generation.

The Hawaiian Electric Companies launched a request for proposals for clean, renewable energy projects for Oahu, Maui and Hawaii Island that would help the state meet its goal of 100% renewable energy by 2045 to bring more stable electricity costs to consumers and reduce its dependency on imported sources of energy.

Innergex submitted the Kahana Solar Project proposal as part of the competitive procurement process. The Project was selected to be in the Final Award Group and is in the process of negotiating a power purchase agreement.

COMMUNITY

Innergex has a 30-year history of developing and operating successful and environmentally responsible renewable energy projects around the world. At Innergex, the trust and mutual respect we develop with the communities in which we operate is something we strive hard to earn and keep.

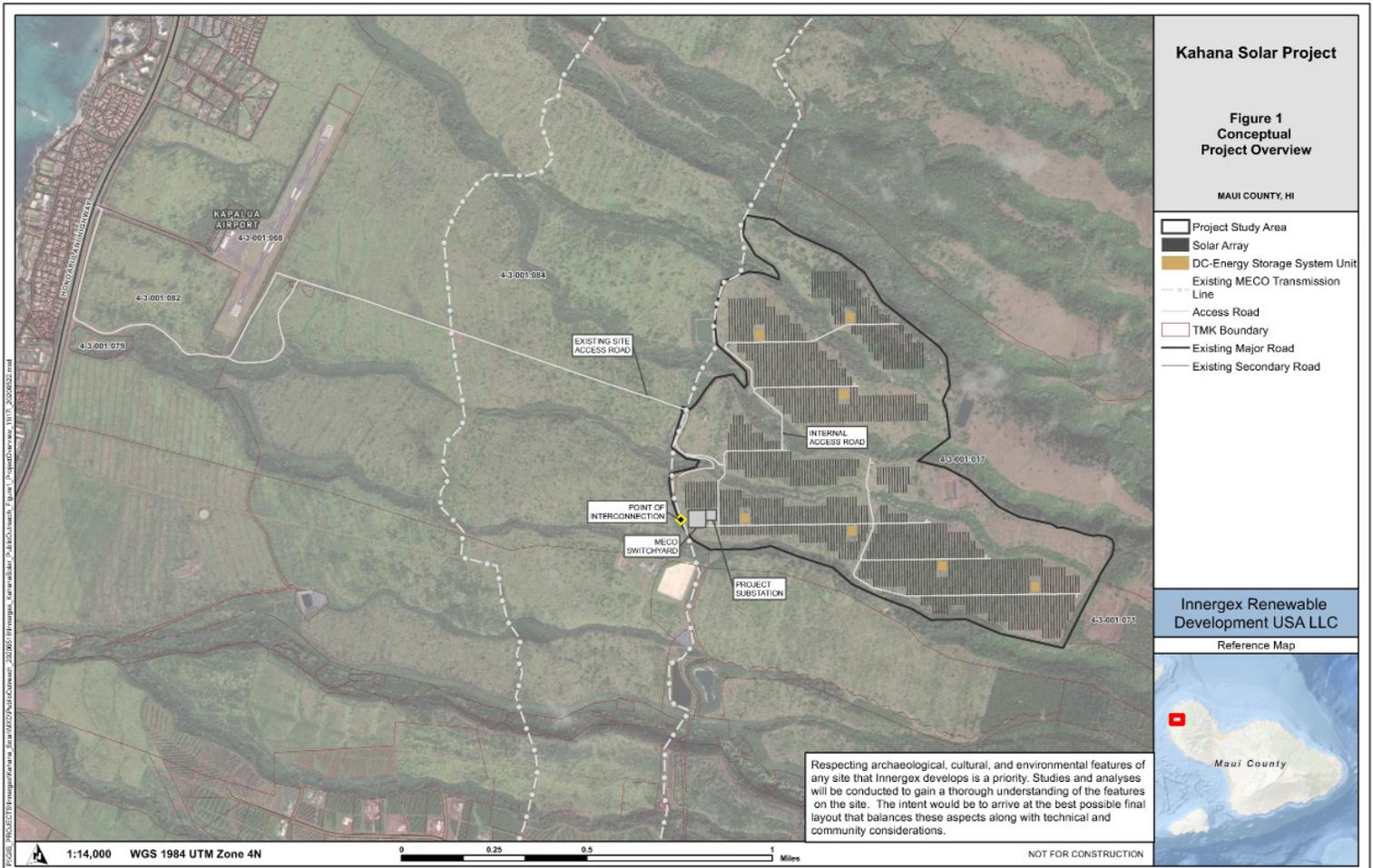
Innergex will give preference to qualified local suppliers and contractors throughout the development of the project. During operations, the project's community benefits package will be dedicated funding to the Pu'u Kukui Watershed Preserve to support its impressive conservation initiatives. Innergex will also provide an annual grant to non-profits to support energy efficiency measures and will support the cultural resource activities of the Aha Moku O Ka'anapali. Our community contributions will also include memberships and sponsorships of various organizations and events.

ENVIRONMENT & PERMITTING

Innergex takes its environmental responsibilities very seriously, and our facilities are developed and operated with strict adherence to environmental codes and best practices. A preliminary desktop assessment of the Project has been conducted to examine existing environmental and cultural/ archaeological resources at the Project area to help identify regulatory requirements, issues, constraints, and limitations. Innergex has used this preliminary information to site the Project in a location that minimizes these impacts.

Based on the preliminary desktop data obtained, there does not appear to be any known environmentally significant resources that would preclude the proposed Project. However additional biological and site-specific resource surveys and studies are required to assess potential Project impacts, required avoidance and minimization measures and/or mitigation, design limitations. These detailed studies will include: general and detailed plant and wildlife surveys; wetland and waterways assessments; archaeological and cultural impact assessments; visual impact and glare analyses; and traffic and noise studies.

PROPOSED PROJECT LOCATION



ZONING AND LAND USE

The Project area is within the County Agricultural District, is outside of any urban, small town, or rural growth boundaries, and is located in the Agricultural District of the West Maui Community Plan. Per the Maui County Comprehensive Zoning Ordinance (MCZO) §19.30A.050, solar energy facilities are allowed if they are less than 15 acres, occupy no more than 35 percent of the lot, and for facilities on the Land Study Bureau (LSB) rated A, B, or C classified soils, they must be compatible with existing agricultural uses. As the proposed Project will cover an area greater than 15 acres in size, Maui County will allow the facility with an approved County CUP (per MCZO §19.30A.060). Note that a County CUP is different from a State SUP.

The Project area is located within the West Maui Community Plan. The Community Plan is a strategic planning document and is not regulatory; however, County Special Use Permit approval criteria includes a requirement to be consistent with the applicable community plan(s) of the county. The West Maui Community Plan contains objectives and policies that encourage renewable energy development. The Project is anticipated to be consistent with West Maui Community Plan.

The entire Project area lies within the State Agricultural District. The State Agricultural District has some restrictions on siting solar based on the LSB's detailed soil classification system. Per HRS §205-2(d)(6), solar energy facilities are permitted in the State Agricultural District provided that the facility is sited on land with soil classification of B, C, D, or E and if the facility is on land with B or C soil classification, it shall not occupy more than 10 percent of the acreage of the parcel, or 20 acres of land, whichever is less. If the solar facility is larger than the size restrictions described above on B or C classified land, a State Special Use Permit from the State Land Use Commission (LUC) would be required. The Project area is comprised of Class C soil with some small areas of Class E soils. Therefore, a State SUP will be required for the solar facility.

ARCHAEOLOGY RESOURCES AND CULTURAL PRACTICES

Based on the results from prior archaeological surveys, the Project area is unlikely to contain a high number of significant archaeological features. The previous archaeological work in the vicinity has shown that on flatlands like those within the Project area, archaeological sites have been absent because of the past impacts to the land. One archaeological resource is present in the Project, the Honolua-Honokohau Ditch and its depth beneath the ground surface will be assessed. Mitigation measures may be required for this resource to ensure the protection of this historic property.

Once the Project area boundary is finalized (which will include all Project activities that may require ground disturbance), an archaeological consultant will initiate consultation with the State Historic Preservation Division and will complete a supplemental archaeological investigation survey (AIS) of the Project area. The AIS will include a comprehensive field study documenting all of the extant archaeological features within the Project area and reassess the significance of such resources, as well as new treatment recommendations for all of the documented sites.

SOLAR POWER FACTS

Solar energy is the conversion of sunlight into usable energy forms. The sun's rays transmit light energy, in the form of photons, which can be converted to electricity using certain materials that naturally release electrons when exposed to light. Solar energy is the cleanest, most abundant renewable energy source available.

More information on solar energy is available at Innergex (innergex.com), the Solar Energy Industries Association (seia.org) and the International Energy Agency (iea.org).



Proposed Project Timeline



ABOUT INNERGEX

For 30 years, Innergex has believed in a world where abundant renewable energy promotes healthier communities and creates shared prosperity. As an independent renewable power producer which develops, acquires, owns and operates hydroelectric facilities, wind farms and solar farms, Innergex is convinced that generating power from renewable sources will lead the way to a better world. Innergex conducts operations in Canada, the United States, France and Chile.

FOR FURTHER INFORMATION

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