



Waiawa Phase 2 Solar + Storage  
Start of Construction Community Notice

Aloha,

AES Hawai'i is excited to announce that Waiawa Phase 2 Solar construction is expected to start on **Monday, August 21, 2023.**

We are deeply committed to being a good neighbor to nearby communities and will continue to provide updates as construction progresses. We will be implementing best management practices throughout the construction phase. You may notice increased activity at the site during this period, but existing vegetation should shield most construction from view. In addition, vehicular construction traffic will be moving in the opposite direction of town-bound commuter traffic to avoid affecting area residents.

If you have questions or concerns, please contact us via email ([waiawaphase2solar@aes.com](mailto:waiawaphase2solar@aes.com)), phone (808.800.3942), or through our project website ([www.waiawaphase2solar.com](http://www.waiawaphase2solar.com)).

Mahalo for your interest and support,  
Waiawa Phase 2 Solar + Storage

**Project overview:**

- 30 MWac solar photovoltaic array
- 240 MWh containerized lithium-ion battery energy storage system (BESS)
- Feeds into Hawaiian Electric (HECO) electrical grid; serves all of O'ahu
- Utilizes up to 290 acres (reduced from 387) in Waiawa - near the Ka Uka Boulevard exit of the H-2 freeway in central O'ahu
- Land Leased from Kamehameha Schools and project located in the latter phases of the Waiawa Master Plan
- Creation of ~565 local jobs during construction; generation of ~\$131 million in economic benefit
- Clean and reliable source of power for approximately ~18,000 homes a year
- Delivers power to HECO at a fixed price of \$0.14 /kWh over 20 years, hedging against volatile fossil fuel prices
- ~20-year Power Purchase Agreement

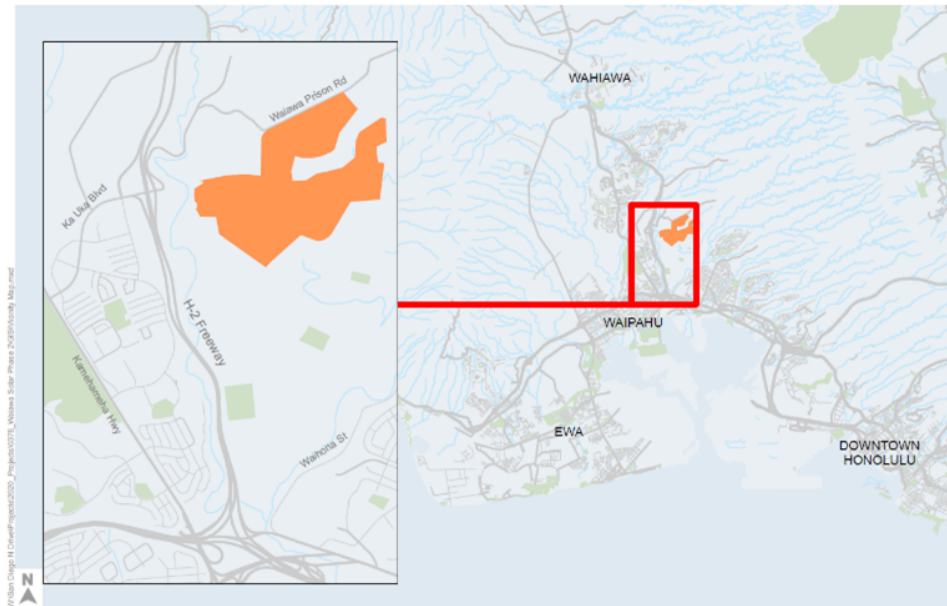
**Anticipated Construction Timeline:**

**August 2023 – November 2023:** Groundbreaking; Grading; Civil Work

**August 2023 – July 2024:** PV and battery system installation; Substation and switchyard construction; Fencing; Landscaping

**April 2024 - August 2024:** System Testing

**2H 2024:** Proposed Commercial Operations Date



### **Traffic Management Plan:**

The project site will be accessed from Ka Uka Boulevard just east of the Ka Uka Boulevard/H-2 Interchange. Construction materials will be transported from the Sand Island area in Honolulu to the site. All truck trips will be to and from Sand Island along the H-1 and H-2 freeways.

Construction-related impacts will generally be confined to lands within the Kamehameha Schools Waiawa property, with all equipment storage/staging, loading/unloading, and worker parking occurring off the State of Hawai'i or City & County roadways. As a result, surrounding roadway networks and intersections are not expected to experience any significant impacts on their pre-construction levels of service and delays.

The following steps will be taken to minimize any construction-related traffic impacts:

1. Manual traffic controls will be established for large equipment and material deliveries. This could include using radios, flag persons, and temporary signals and lighting to assist with vehicle control and provide adequate sight distance.
2. Signage provided along the roadway warning of construction-related traffic.
3. The shoulders of roads will be cleared of vegetation for visibility and safety.

### **Major Equipment Deliver Dates:**

**Racking:** August 2023

**PV Modules:** August 2023

**PV Inverters & Transformers:** September – November 2023

**Battery Energy System Container & Modules** September 2023 – January 2024

**Site Security During Construction:** A security guard will man the project site entry and close at the end of each day. The site access gate will be monitored 6 am-6 pm Monday through Friday.

