

### KIUC Renewable Energy Project Wins Federal Award

*Līhu'e, Kaua'i, HI – 11/29/2019* – KIUC's newest utility-scale solar-plus-storage project being constructed on the grounds of the Pacific Missile Range Facility (PMRF) has drawn praise from the U.S. Department of Energy.

Officials from the Federal Energy Management Program have presented the Federal Energy and Water Management Award to the U.S. Navy's Naval Facilities Engineering Command for the 19.3-megawatt (MW) solar field, being built by AES Distributed Energy in conjunction with a 70 megawatt hours (MWh) battery energy storage system.

Department of Energy officials noted that the project not only aligns with federal goals to pursue renewable energy projects, but also supports Hawaii's renewable energy mandates, reducing the need to import diesel fuel from the U.S. mainland. The solar project will displace 2.8 million gallons of diesel annually and will produce enough power to energize 6,000 homes.

The AES project at PMRF is the third battery storage project undertaken by KIUC since 2015 and will be one of KIUC's lowest-cost power sources. The cooperative has signed a 25-year power purchase agreement (PPA) with AES at a price of 10.85 cents per kilowatt hour.

The project will provide renewable power after sunset to help meet KIUC's members' electricity needs during peak usage hours. The solar field will also have the capability of being managed as a micro-grid to directly support PMRF's mission-critical activities in the event of a short-term or extended grid outage and reduce the Navy's need to use backup diesel generators.

Construction of the solar and battery energy storage system will be complete by the end of 2019, however the substation required for full output of the facility will not be complete until the summer of 2020. "This project will increase our renewable portfolio beyond 60 percent and, with its favorable pricing, will place a downward pressure on rates beginning in 2020," said KIUC's President and Chief Executive Officer, David Bissell.

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Aerial view of Pacific Missile Range Facility on Kauai. Photo credit: PMRF

