

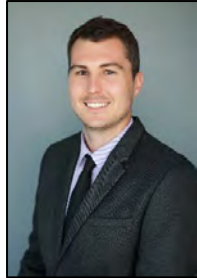
HISHE Meeting

Renewable Energy at Kaiser Hawaii

Tuesday, November 16, 2021

11:30 a.m. - 1:00 p.m. Zoom Webinar

RSVP by November 15, 2021 – Open to HISHE and ASHE Members



Aidan Coyle
Project
Development
Engineer
Ameresco

Aidan Coyle is Project Development Engineer within the Kaiser Permanente Enterprise Team of the Ameresco Southern Region. He joined the Ameresco, Inc. team in December 2018 with the focus of expanding the regional team knowledge and experience of integrating solar with the new sustainability technologies of electric vehicle charging and battery energy storage systems.

Aidan was the project development engineer tasked with the design and development of the Leeward (now West Oahu) Medical Office at 401 Kamokila Boulevard, Kapolei, HI 96707. The West Oahu Medical Office Solar + Battery project was designed to minimize utility (Hawaiian Electric Company) provided electricity to run the facility over the course of the 10-year minimum project lifetime. The interconnection allows for the solar to provide for all the real time loads of the facility during the time when the sun is strongest (the solar window) with excess power utilized to charge the battery. The site metering allows for the solar output to be reduced (curtailed) when the battery is fully charged as there is no allowed export to the utility grid. Outside the solar window, the battery will discharge in accordance with the meter reading of the facility loads until the time when the sun rises, and the process can begin again. As there are no life safety loads for this facility, a generator was not required per code.

The main topic of discussion for this meeting on sustainability is the logic of design, the experience in constructing and commissioning the project, the monitored versus modeled system performance and the applicability of such projects to similar facilities.

Ameresco, Inc. has been the developer for other solar installations on the island of Oahu with recent projects completed at the Kaiser Permanente Moanalua Medical Center at 3288 Moanalua Road, Honolulu, HI, 96819 and the Kaiser Permanente Honolulu Medical Office at 1010 Pensacola Street, Honolulu, HI 96814. In addition, there are current proposals being vetted for medical facilities in Maui.

What you should learn from this presentation:

- What's the latest technology for renewable energy?
- What makes a project site an ideal location for PV?
- Where can we see PV projects in Hawaii?
- What were the lessons learned? Challenges?
- What can we expect for our future?

NOT a HISHE member but want to attend?

Please register for membership here: <https://hishe.wildapricot.org/Membership-levels>

**Submit completed RSVP Form by Monday, November 15, 2021, 12:00 noon, fax 808.888.6283
or email: hishehawaii@gmail.com**

First Name	Last Name
HISHE Member? YES or NO	ASHE Member? YES or NO
Company Name	
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