

UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2021 LEGISLATURE

Annual Report on Net-Zero Energy for
the University of Hawai'i

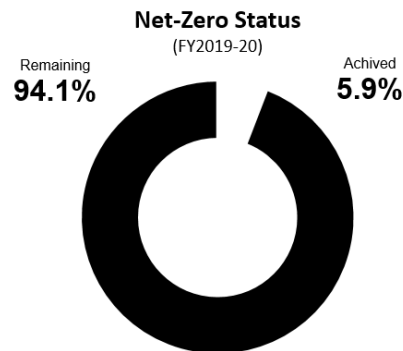
HRS 304A-119

December 2020

**University of Hawai'i Net-Zero Energy Goal
Pursuant to Act 99, SLH 2015
HRS § 304A-119**

The governor signed into law Act 99, SLH 2015 (codified as section 304A-119, HRS), which established a collective goal for the University of Hawai'i *"to become net-zero with respect to energy use, producing as much (renewable) energy as the system consumes across all campuses by January 1, 2035."*

This report details progress toward the Net-Zero energy goal of 198M kWh established in 2015 and supports proposed legislation that helps shape the energy landscape for the University of Hawai'i System in the 2021 legislative session.



Target Production: 198,000,000 kWh
Total Production: 11,618,197 kWh¹
Net Zero Status: 5.9 %

PLANS

- (a) Refine the strategic energy plan and the energy resource plan for the University that balances generation from a renewable portfolio and improves energy efficiency.
- (b) Continue to improve metering and sub-metering to provide detailed energy tracking.
- (c) Continue to install and track energy efficient equipment including: lighting, HVAC equipment, office equipment, and lab equipment.
- (d) Maximize development of PV and other renewable generation.
- (e) Expand energy storage capacity to optimize utility demand and increase resiliency.
- (f) Capture utility savings and reinvest them via Green Revolving Funds.
- (g) Require new construction and major renovations to strive for LEED gold at a minimum, and aim for Net Zero.
- (h) Require that designs for life cycle cost analysis include construction and operation of a building, including increased utility and maintenance costs.

¹ For period July 1, 2019 – June 30, 2020. Many recently constructed solar systems were not yet energized during this Performance Period.