



UNIVERSITY
of HAWAII®

David Lassner
President

DEPT. COMM. NO. 165

December 20, 2021

The Honorable Ronald D. Kouchi,
President and Members of the Senate
Thirty-First State Legislature
Honolulu, Hawai'i 96813

The Honorable Scott Saiki, Speaker
and Members of the House of Representatives
Thirty-First State Legislature
Honolulu, Hawai'i 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

For your information and consideration, the University of Hawai'i is transmitting one copy of the Annual Report on Net-Zero Energy for the University of Hawai'i (Section 304A-119, Hawai'i Revised Statutes) as requested by the Legislature.

In accordance with Section 93-16, Hawai'i Revised Statutes, this report may be viewed electronically at: <https://www.hawaii.edu/offices/government-relations/2022-legislative-reports/>.

Should you have any questions about this report, please do not hesitate to contact Stephanie Kim at 956-4250, or via e-mail at scskim@hawaii.edu.

Sincerely,

A handwritten signature in black ink that reads 'David Lassner'.

David Lassner
President

Enclosure

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UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2022 LEGISLATURE

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

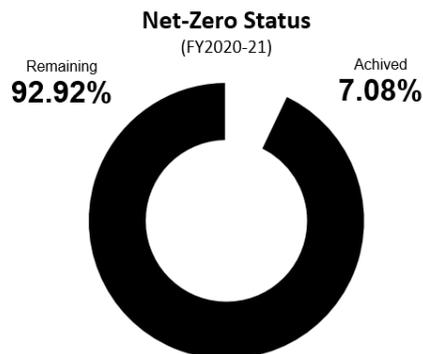
HRS 304A-119

December 2021

**Report to the Hawai'i State Legislature
Pursuant to Act 99, SLH 2015
HRS 304A-119**

In 2015, The governor signed into law Act 99, SLH 2015, 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 2022 legislative session.



Target Production: 198,000,000 kWh
Total Production: 14,013,967 *
Net Zero Status: 7.08%

* For the period July 1, 2020 – June 30, 2021. Note that some of the recently constructed solar systems were not yet energized during this period.

PLANS

- (a) Refine the strategic energy and energy resource plans for the University that balance generation from a renewable portfolio and improve 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.