



UNIVERSITY
of HAWAII®
SYSTEM

David Lassner
President

DEPT. COMM. NO. 104

December 6, 2018

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

The Honorable Scott Saiki, Speaker
and Members of the House of Representatives
Thirtieth 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/2019-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,

David Lassner
President

Enclosure

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UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2019 LEGISLATURE

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

HRS 304A-119

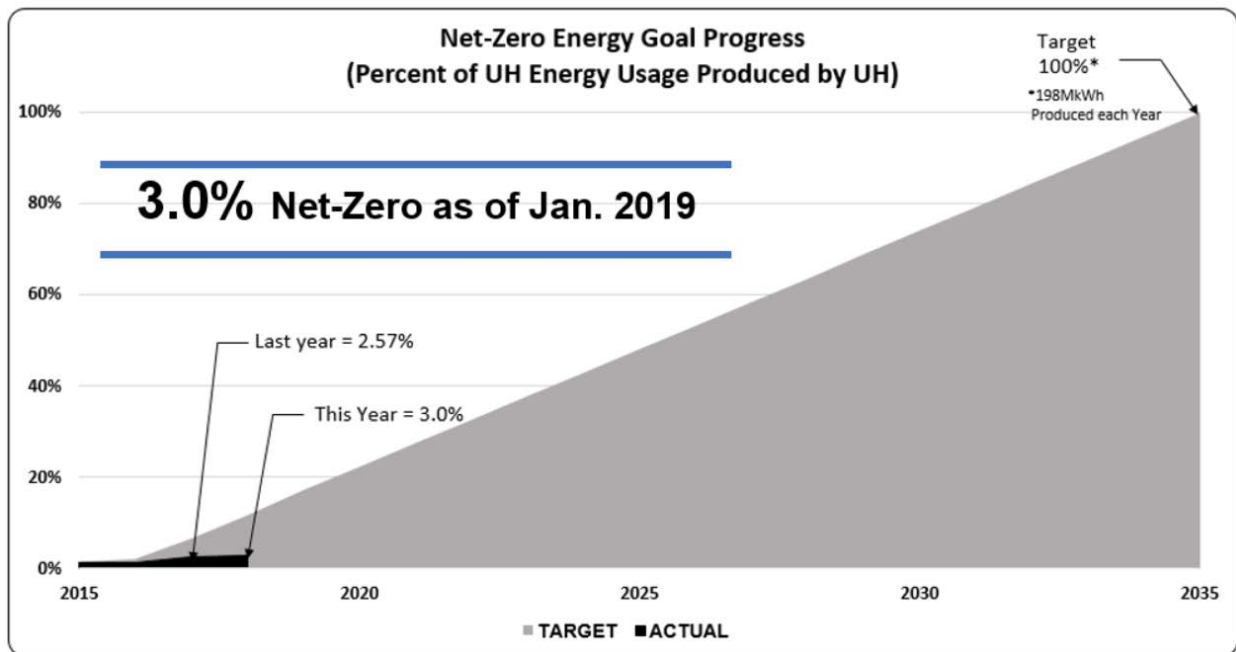
December 2018

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

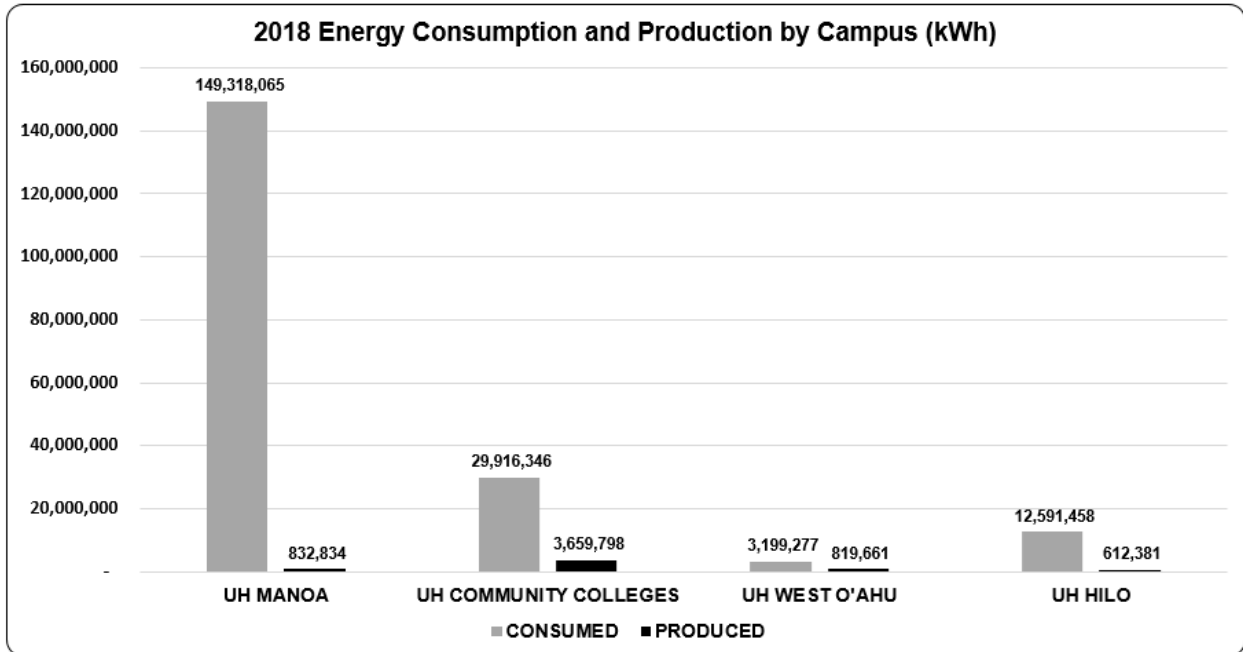
The governor signed into law Act 99 (SLH 2015) which established a collective goal for the University of Hawai'i "to become net-zero with respect to energy use, producing as much (renewable) energy as the system consumes across all campuses by January 1, 2035."

This report details progress toward the Net-Zero energy goal in year 2018 compared to the baseline established in year 2015; and supports proposed legislation that helps shape the energy landscape at UH in the 2019 legislative session.

NET-ZERO DASHBOARD <i>for FY2017-18</i>	Energy (kWh)
Total Energy Consumed ¹	195,025,146
Total Renewable Energy Provided	5,924,674



¹ Includes non-campus facilities



PLANS

There are key components to reaching Net-Zero by 2035. The following are the University's plans in those areas:

Energy Management

- (a) Refine the energy resource plan for the UH System that balances generation from a renewable portfolio and improves energy efficiency.
- (b) Continue to improve metering and submetering to provide detailed energy tracking.

Efficiency & Generation

- (a) Continue to install efficient equipment including lighting, HVAC equipment, office equipment, and lab equipment.
- (b) Continue to maximize the potential of PV and other renewable generation.
- (c) Continue to grow energy storage capacity to optimize utility demand and increase resiliency.

Social Initiatives

- (a) Tracking, harnessing and reinvesting funds from energy savings via the Green Revolving Fund.
- (b) Requiring Building Design and Performance Standards and the consideration of life cycle costs of energy efficient design and construction.