

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

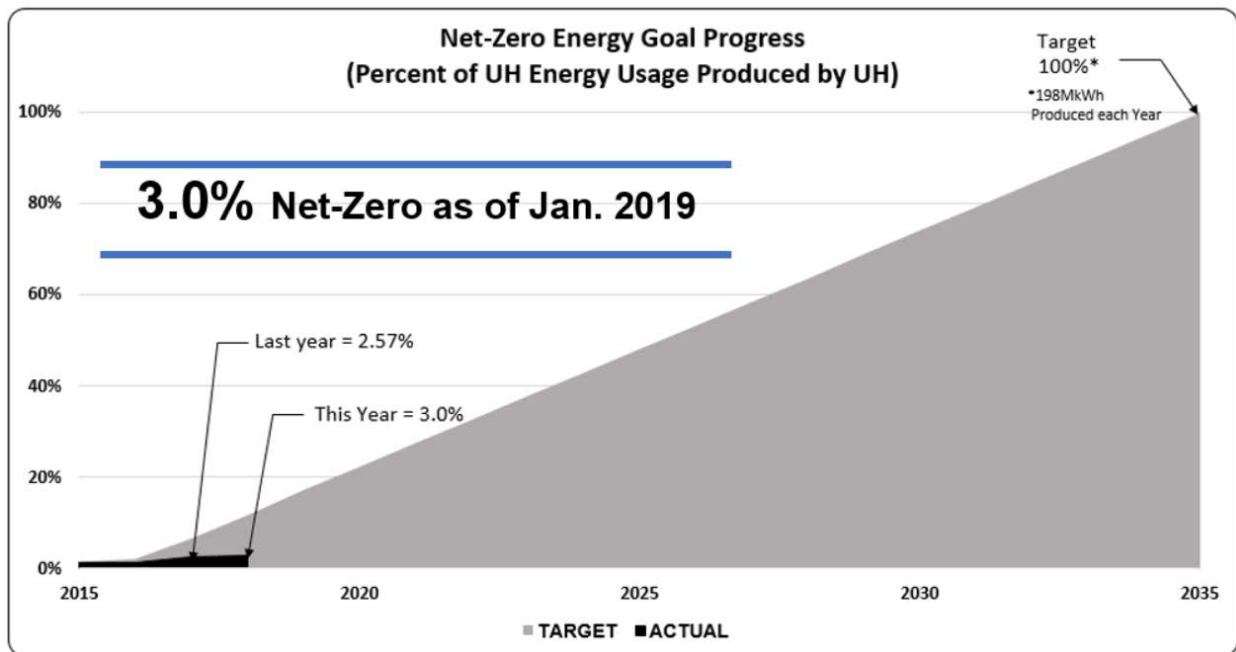
December 2018

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

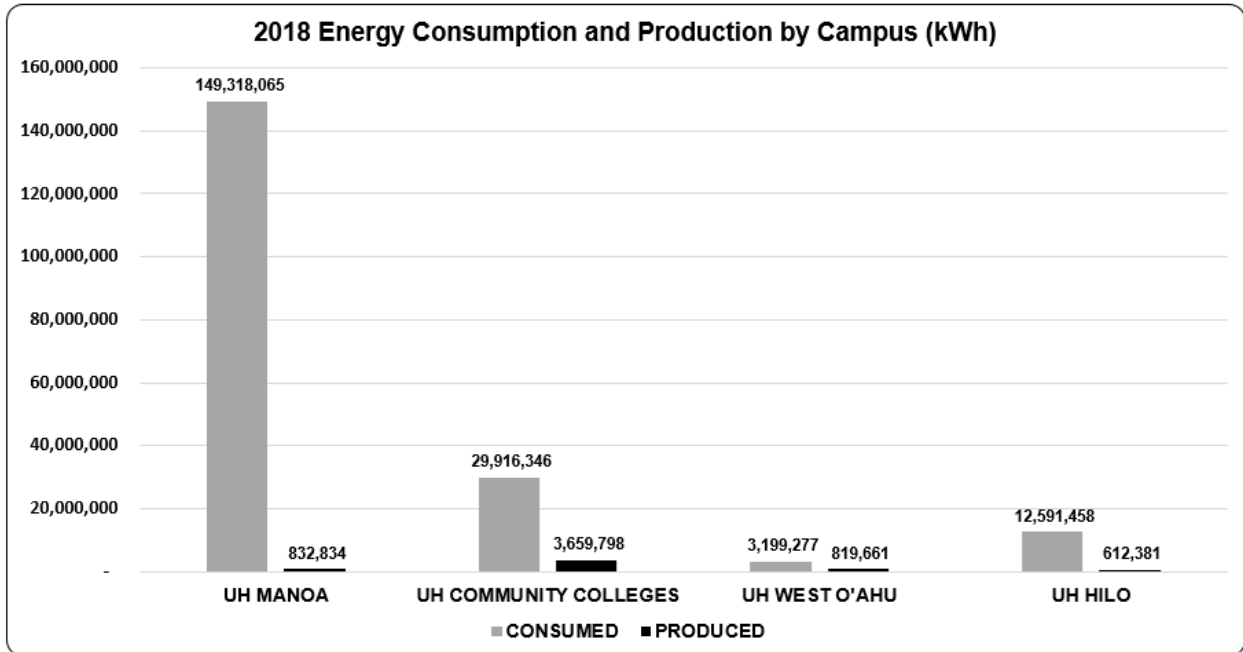
The governor signed into law Act 99 (SLH 2015) which established a collective goal for the University of Hawai'i “to become net-zero with respect to energy use, producing as much (renewable) energy as the system consumes across all campuses by January 1, 2035.”

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.