



UNIVERSITY  
of HAWAII<sup>®</sup>  
SYSTEM

David Lassner  
President

DEPT. COMM. NO. 139

DEC 20 11 39 AM '17

December 20, 2017

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

The Honorable Scott Saiki, Speaker  
and Members of the House of Representatives  
Twenty-Ninth 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: <http://www.hawaii.edu/offices/government-relations/2018-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](mailto:scskim@hawaii.edu).

Sincerely,

A handwritten signature in black ink, appearing to be "DL", with a long horizontal line extending to the right.

David Lassner  
President

Enclosure

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# UNIVERSITY OF HAWAI'I SYSTEM ANNUAL REPORT



REPORT TO THE 2018 LEGISLATURE

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

HRS 304A-119

December 2017



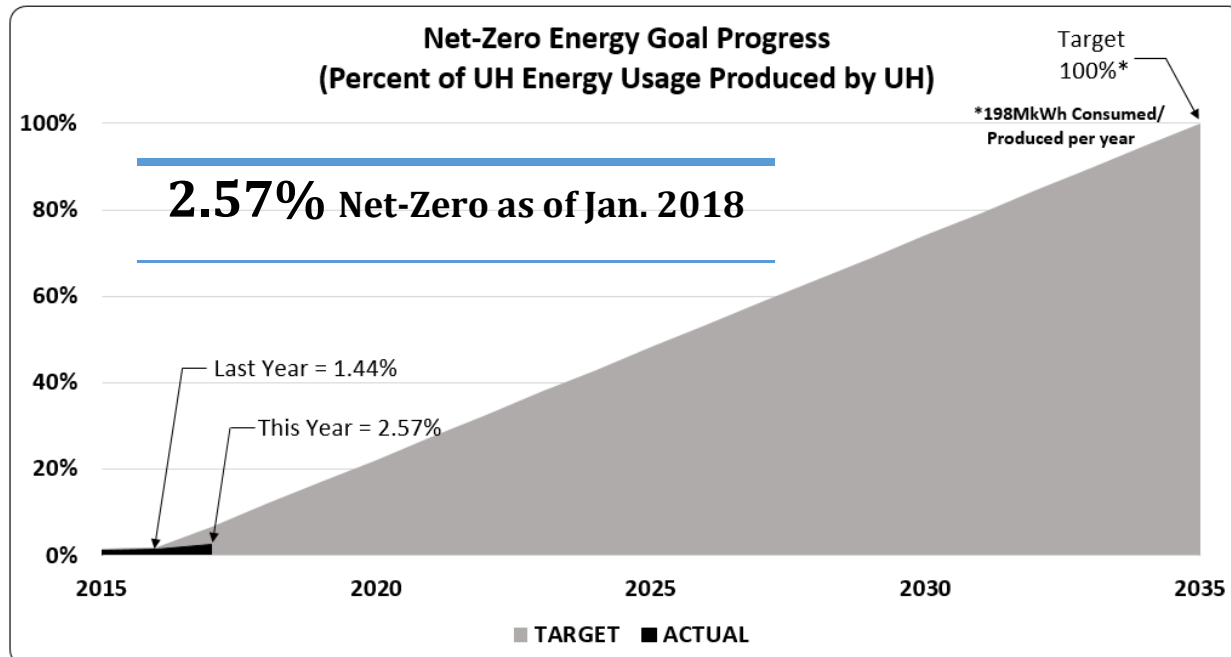
# UNIVERSITY of HAWAI'I®

## 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."*

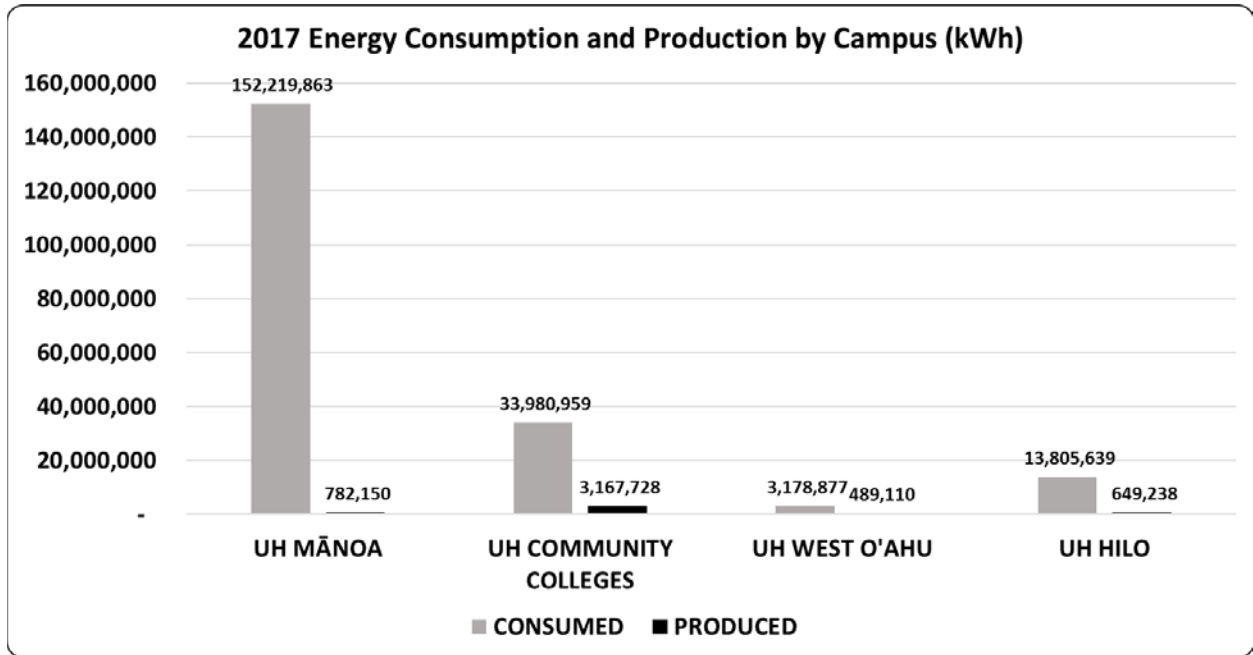
This report details future plans to advance the Net-Zero energy goal in calendar year 2017 compared to the baseline established in calendar year 2015; and supports proposed legislation that helps shape the energy landscape at UH in the 2018 legislative session.

NET-ZERO DASHBOARD for 2017	Energy (kWh)
Total Energy Consumed <sup>1</sup>	200,484,641
Total Renewable Energy Provided	5,088,266



<sup>1</sup> Includes non-campus facilities





## PLANS

There are key components to reaching Net-Zero by 2035: Energy Management, Efficiency, Generation, and Social Initiatives. The following are the University's plans in those areas:

1. Energy Management:
  - a. Develop an energy resource plan for the UH System that balances generation from a renewable portfolio and improves energy efficiency.
  - b. Select contractor for Energy Savings Performance Contract.
  - c. Continue to improve metering and submetering to provide detailed energy tracking.
2. Efficiency & Generation
  - a. Continue to install more efficient equipment and fixtures such as LED lighting, HVAC equipment and controls, and scientific equipment.
  - b. Continue to maximize rooftop PV.
  - c. Continue to grow energy storage capacity to reduce utility load and increase resiliency in emergency situations.
  - d. Explore a "green" tariff to facilitate off site generation.
3. Social Initiatives
  - a. Tracking, harnessing and reinvesting funds from energy savings via the Green Revolving Fund.
  - b. Requiring Building Design and Performance Standards to consider life cycle costs of energy efficient design and construction.