

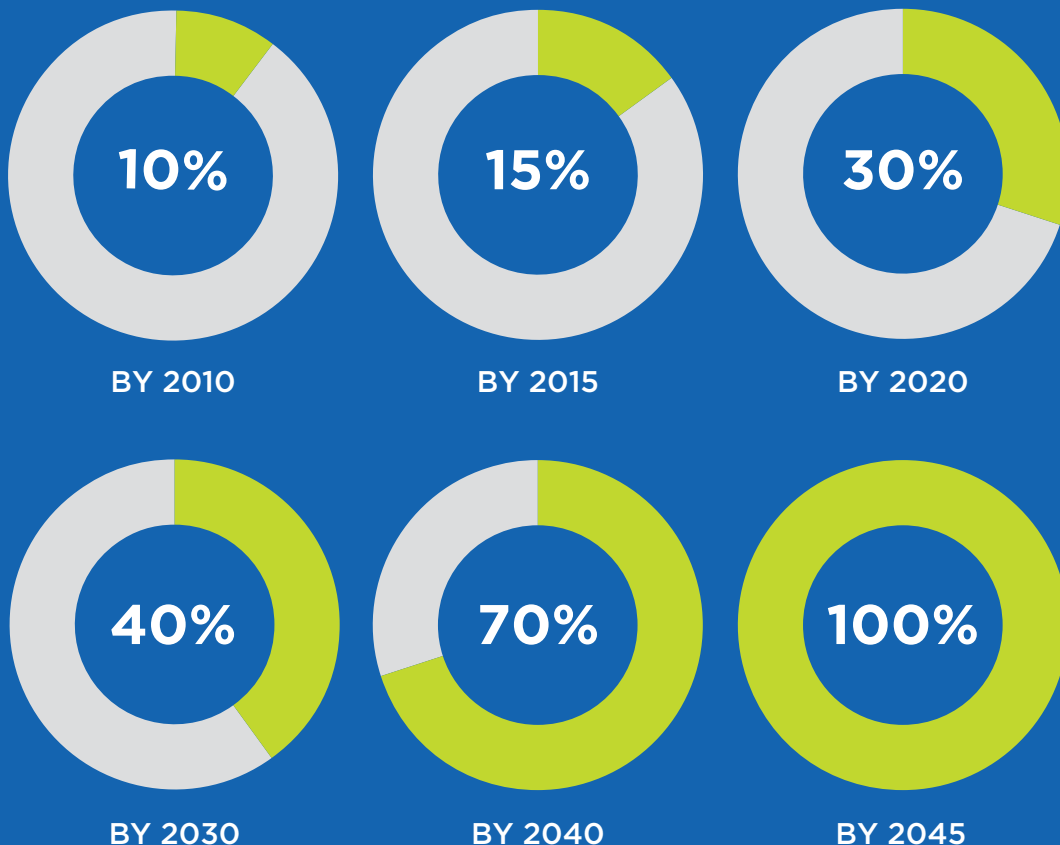
HAWAII'S CLEAN ENERGY FUTURE

OUR CLEAN ENERGY VISION

The Hawaii State Energy Office's (HSEO) mission is to maximize Hawaii's energy self-sufficiency and security by developing and utilizing local energy resources in a balanced way. In doing so, HSEO will guide our state toward the Hawaii Clean Energy Initiative goals to achieve 100 percent renewable energy in the electricity sector by 2045, reduce electricity consumption by 4,300 gigawatt-hours by 2030, and reduce petroleum use in transportation.

To this end, HSEO works toward the deployment of clean energy infrastructure and serves as a catalyst for energy innovation and test bed investments. By achieving these goals, HSEO will grow the clean energy sector and transform Hawaii's economy.

RENEWABLE PORTFOLIO STANDARDS (RPS) GOALS





**UPGRADES THAT PAY FOR THEMSELVES:
ENERGY EFFICIENCY DEPLOYMENT**

Energy efficiency boosts Hawaii’s clean energy efforts by reducing waste and lessening the amount of energy we use, which saves consumers money, lowers harmful pollution, creates jobs and strengthens grid resilience.

Since HCEI was launched in 2008, energy efficiency has contributed to a steady decline in statewide energy consumption, thanks in large part to new and retrofit technologies in residential and commercial buildings that are more energy efficient. The challenge is often financing, an area where Hawaii has led the way. For many years, the state has been ranked first in the nation in per capita energy performance contracting, which uses future energy savings to pay for efficiency upgrades.

**CLEAN ENERGY EVERYWHERE:
RENEWABLE ENERGY DEPLOYMENT**

Hawaii is blessed with abundant renewable energy resources, which give the state a competitive advantage in the clean energy sector and play a critical role in achieving long-range energy goals. But implementing them successfully on an unprecedented, massive scale requires energy expertise and analysis from HSEO, utilities and energy stakeholders to price, compare and select the right policies, proven technologies and proper infrastructure for Hawaii’s dynamic energy market.

**PLANNING FOR SUCCESS:
BROADENING PERSPECTIVES AND ENGAGEMENT
ON THE ENERGY SECTOR**

Creating a clean energy economy requires a fundamental understanding of how Hawaii’s various energy sectors interact. Integrating renewable energy supply with the energy demands of electric

drive vehicles onto a smart grid requires thoughtful planning and community wide buy in. HSEO is developing advanced modeling and data visualization tools with the help of U.S. Department of Energy and the National Renewable Energy Laboratory to better understand our unique energy eco-system and engage a broad range of stakeholders to enable Hawaii to achieve its clean energy goals.

**CLEAN ENERGY IS THE LAW:
POLICY ADVANCEMENTS**

HSEO works with legislators and regulators to develop policies that support and encourage energy independence. Highlights of major policy advancements include:

- 100 percent RPS by 2045 - driving an energy transformation, creating a multitude of new jobs in the state, greatly reducing dependence on fossil fuels and producing tremendous energy cost savings.
- The Community-Based Renewable Energy Tariff – lets the state extend the benefits of clean energy to underserved residents and allows for greater system penetration of renewable energy.
- Incentives for electrical vehicles (EV) – including exemptions from parking fees and HOV lane restrictions, drives adoption of EVs and a cleaner transportation sector.
- The University of Hawaii Net Zero Goal – requires the University of Hawaii to become a net zero user of energy across all campuses by 2035, sparking innovation and leading the rest of the state by example.

**IT’S UP TO YOU:
PARTICIPATE IN HAWAII’S CLEAN ENERGY FUTURE**

Want to be a part of the transformation taking place? Visit energy.hawaii.gov or connect with us on social media.