

RENEWABLE ENERGY PORTFOLIO
STANDARD

Hawaii

Policy type

Renewable Portfolio Standard

Form of the standard

Energy-based

% of renewable energy generation

Eligible sources

Biofuel

Biogas

Biomass

Clean Hydrogen

Distributed
Generation

Geothermal

Hydropower

Solar

Waste-to-Energy

Wave/Tidal

Wind

Targets

- **Interim:** 40% RPS by the end of 2030, 70% by the end of 2040
- **Final:** 100% renewable energy by the end of 2045

Economy-wide goal: Net-zero by 2045**Point of regulation:** Net electricity generation**Regulated entities:** All of the state's electric utility companies (HELCO, HECO, KIUC, and MECO)**Percent of retail sales covered by RPS:** 100%**Implementing agency:** Hawaii Public Utilities Commission (PUC)**Enforcement mechanisms:** If a utility fails to comply, it is subject to penalties determined by the Commission following a hearing**Compliance flexibility and cost containment:** Utilities may be exempt from penalties if the Commission determines that the noncompliance was due to events outside of the utility's control, with a broad list of external events provided**Carve-outs and incentives:** N/A**Compliance tracking:** No third-party tracking system. Independent studies with the University of Hawaii to be reviewed by experts from national entities to assess the capability of utilities to meet the RPS in a cost-effective manner.**Notable features:** The point of regulation switched from net electricity sales for the targets through 2020, to net generation for the 2030 and later targets. Utilities may aggregate their portfolios to achieve the standard.**Links to agency website and statutes/rules:** [Haw. Rev. Stat. § 269-92](#); [H.B. No 623](#); [Retail Electricity Sales](#); [EPA's REC Tracking Systems](#)

See [H.R.S. § 269-91](#) for definitions of eligible resources and [H.R.S. § 269-92\(b\)\(2\)](#) for distributed generation. Certain limits may apply.