

Hawaiian Electric climate change action plan

A vision for decarbonizing our state economy



The 2021 international summit on climate change made clear that the actions we take this decade will determine whether humanity can slow or stop the warming of the planet.

- ◆ Hawaiian Electric is committed to significantly reducing carbon emissions by adding renewable generation to our island grids and retiring oil-fired power plants.
- ◆ By 2045, our carbon emissions will be net zero, meaning whatever small amount of emissions we produce will be captured or offset.
- ◆ If everyone pitches in, we'll create a cost-effective, sustainable and resilient energy system for future generations.

Some of the ways we'll get there



Shutting down the state's last coal plant in 2022



Adding 50,000 rooftop solar systems



Retiring 6 fossil-fueled generating units and reducing the use of others as renewable projects come online



Adding 1 gigawatt of renewable energy by the end of the decade



Using more grid-scale and customer-owned energy storage



Pursuing cost-effective, low-emission or zero-emission fuels like biofuels and green hydrogen and other emerging technologies

Working toward a decarbonized Hawai'i economy



Hawaiian Electric's commitment to decarbonizing its energy system will play a significant role in the economywide reduction Hawai'i will have to achieve to be in line with the U.S. reduction commitment of at least 50%. The U.S. commitment is aligned with the Intergovernmental Panel on Climate Change (IPCC) recommendation of no more than 1.5°C warming to avoid potentially devastating climate events. For Hawai'i to be aligned with the national commitment, other industries, including transportation, agriculture and industry, will also have to make significant emissions reductions.



**Hawaiian
Electric**

hawaiianelectric.com/carbonfree

4/2024