

Hawaiian Electric climate change action plan

A vision for 2030 and 2045



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 reducing carbon emissions in 2030 by 70 percent below 2005 levels.
- ◆ By 2045, our carbon emissions will be net zero, meaning whatever small amount of emissions we produce will be captured or offset.
- ◆ Reducing carbon emissions by more than two-thirds over this decade will be a stretch. We know it's achievable, and 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 at least 6 fossil-fueled generating units and reducing the use of others as renewable projects come online



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



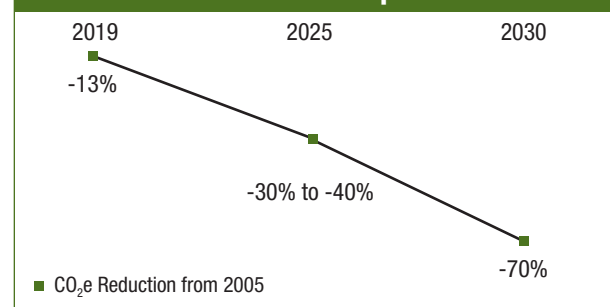
Using more grid-scale and customer-owned energy storage



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

Making a down payment on a decarbonized Hawai'i economy

Carbon emission reduction path



This commitment by Hawaiian Electric is a significant down payment on 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

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