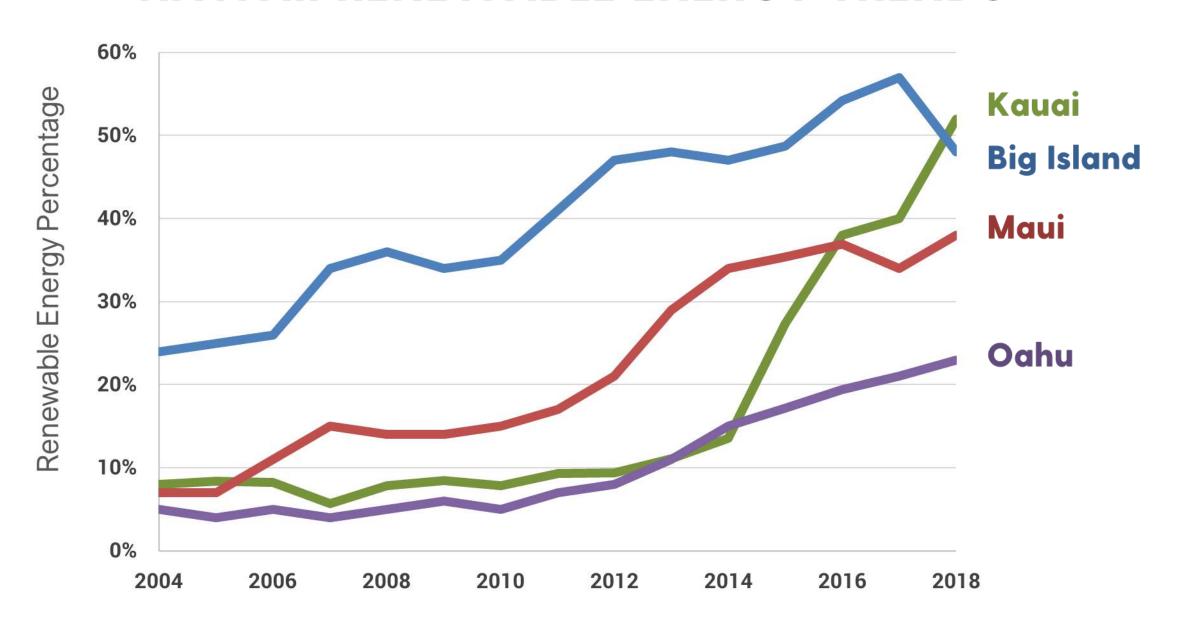




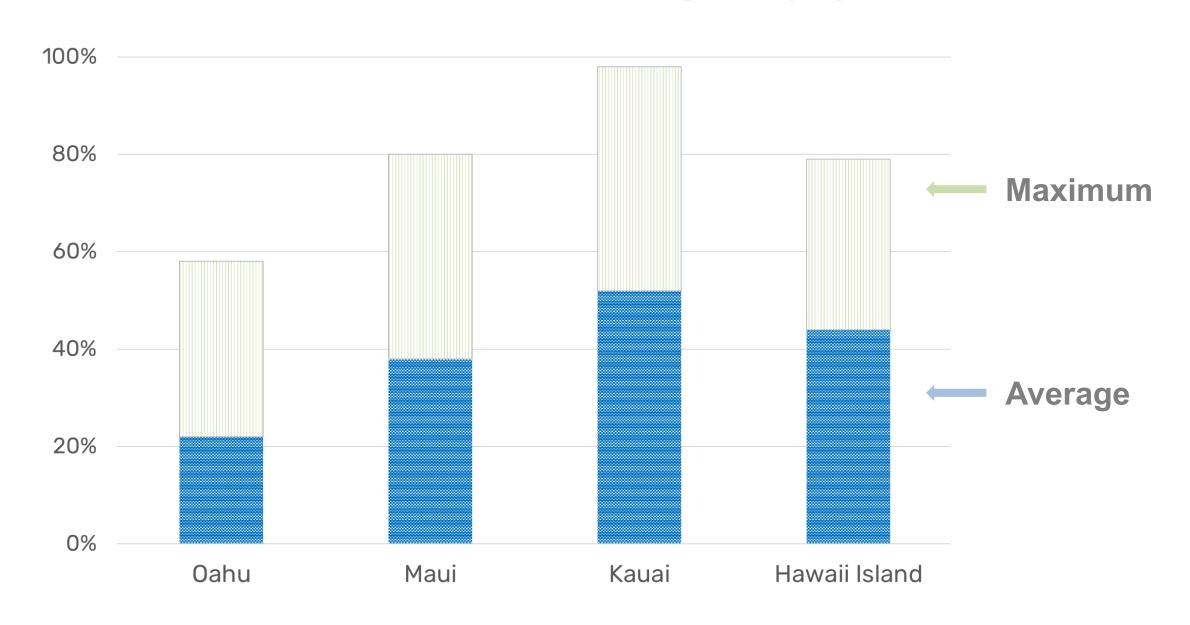


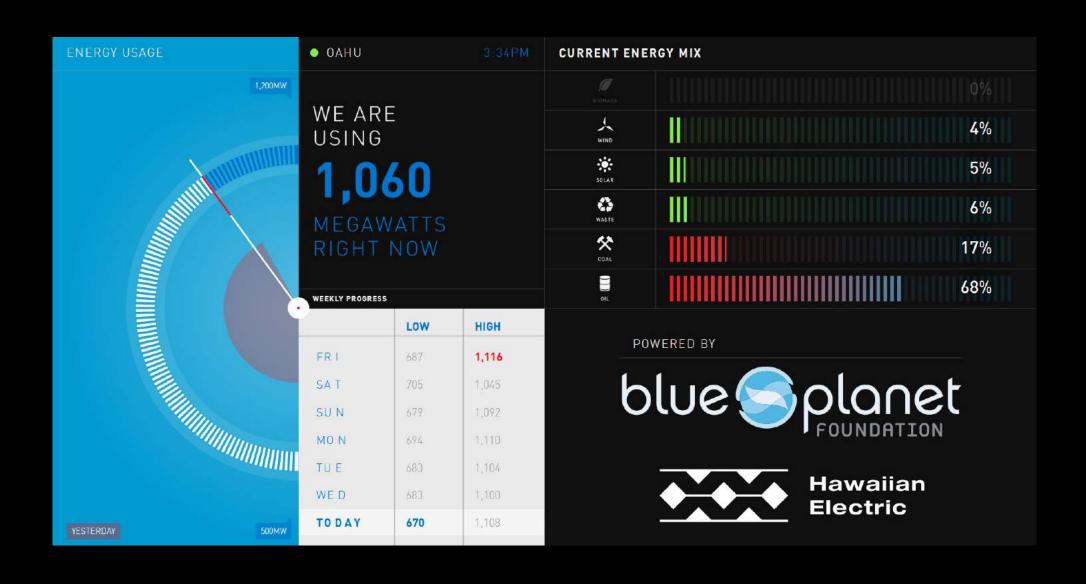


HAWAII RENEWABLE ENERGY TRENDS



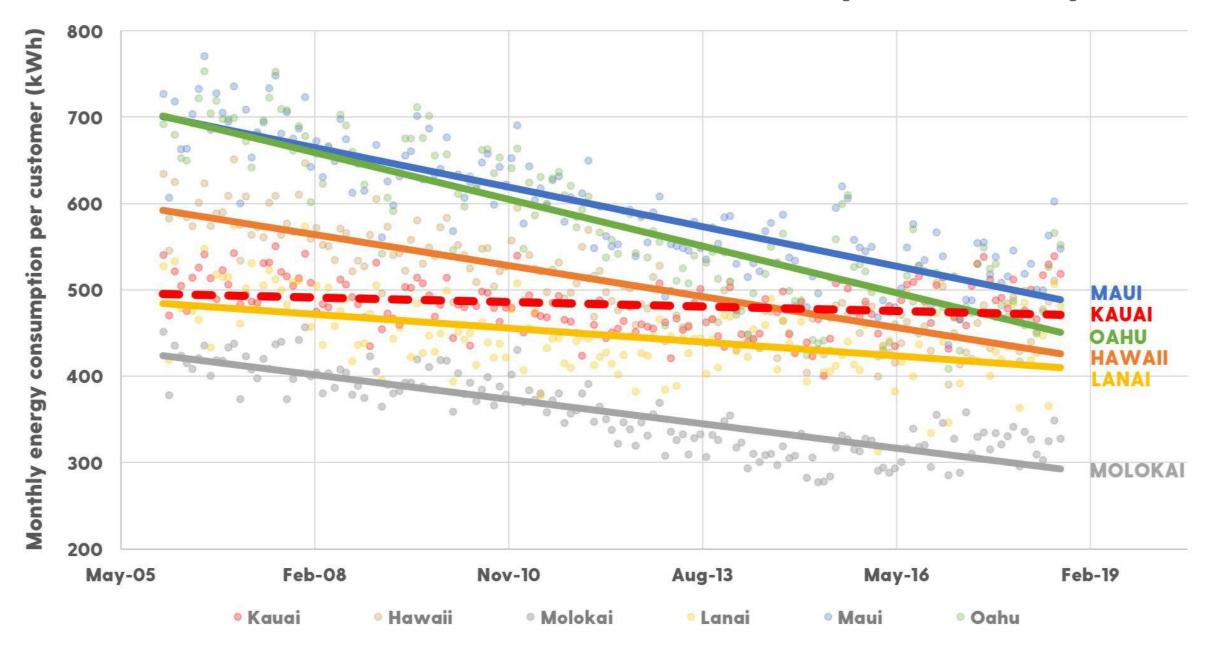
RENEWABLE ENERGY 2018

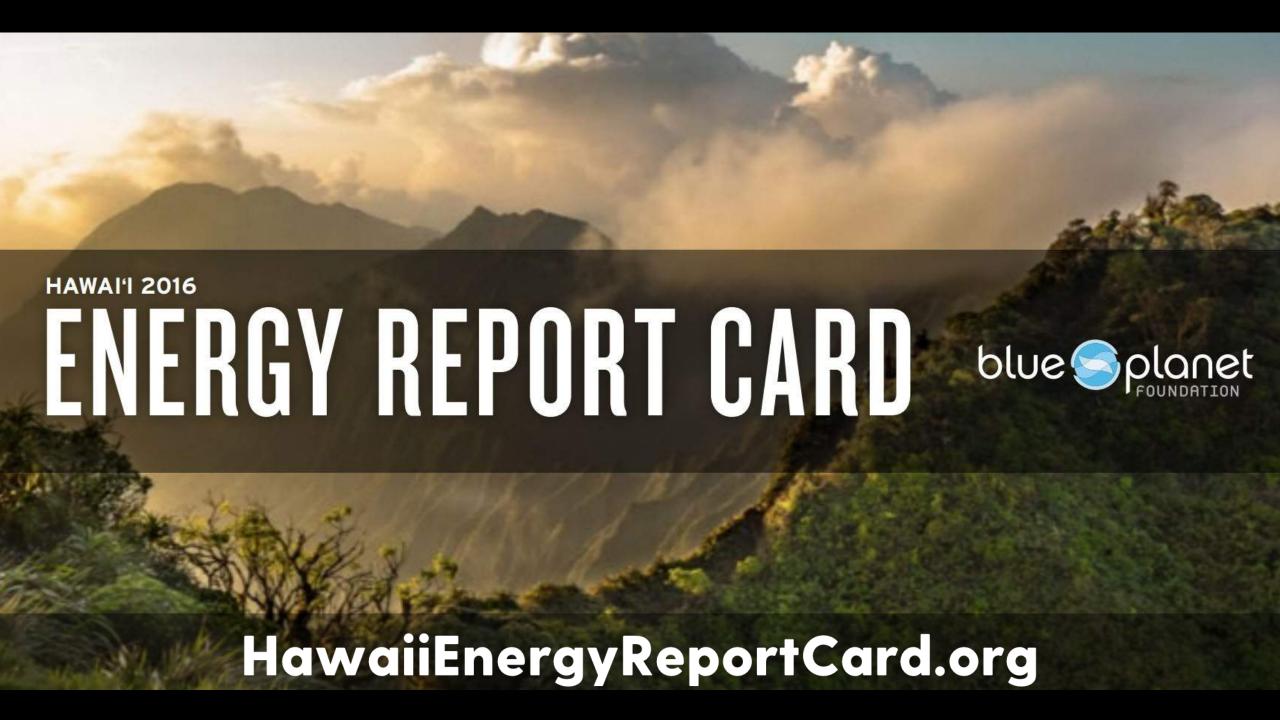




islandpulse.org

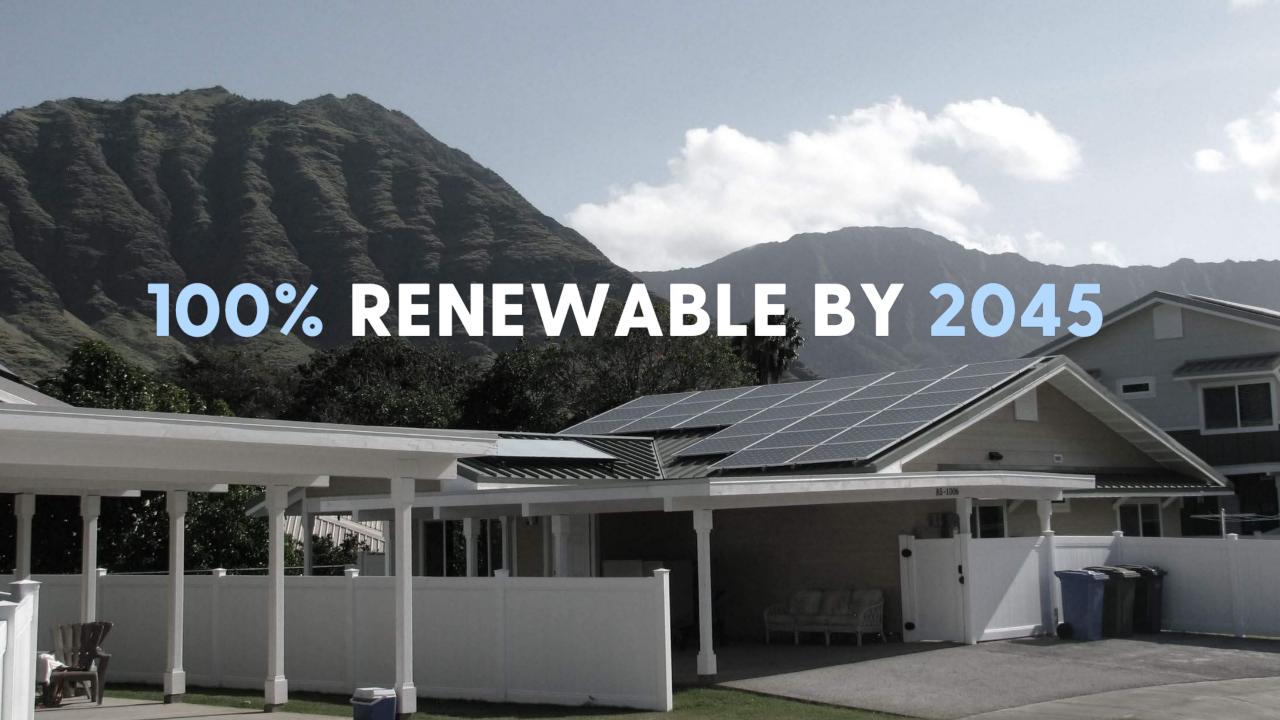
RESIDENTIAL ENERGY USE BY ISLAND (2006 – 2018)



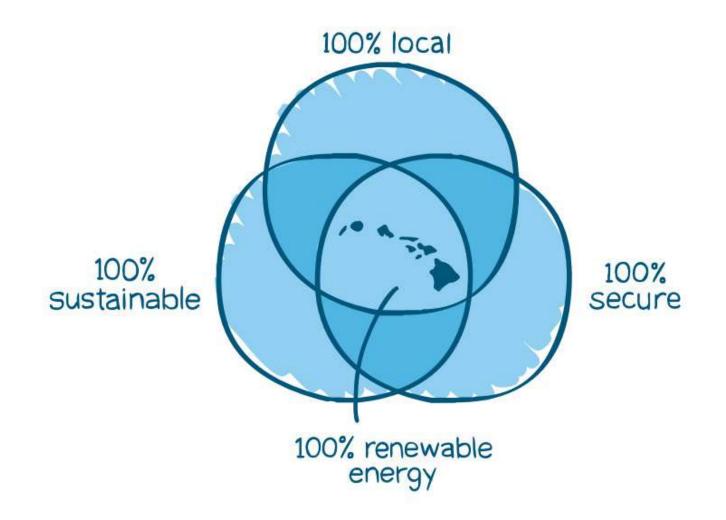










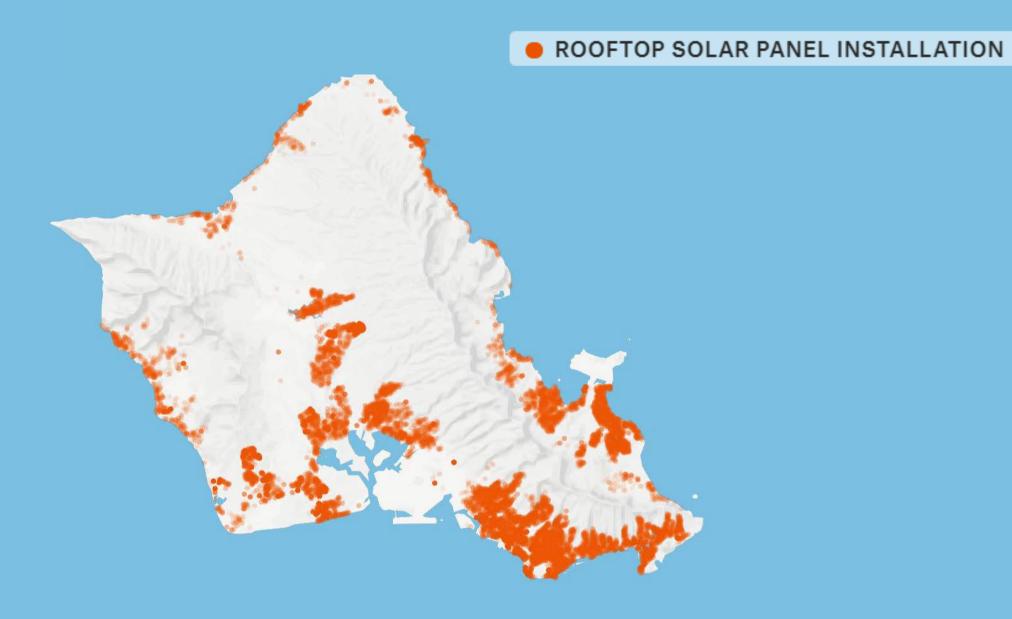


WE HAVE THE POWER

#nomorefossilfuels #freehawaii #100by2040



1 IN 3 HOMES IN HAWAII HAVE ROOFTOP SOLAR









EDITORIAL PAGE EDITOR:

Lucy Young-Oda » lyoungoda@staradvertiser.com » 529-4831

WEDNESDAY 3/4/15

VEUS FUI GES

ISLAND VOICES

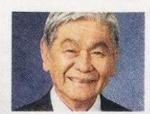
Hawaii's renewable energy goal should be 100%

By Gov. George Ariyoshi, Christine Camp and Peter Crouch

Under the state's existing renewable energy laws, in 2031 — around the time to-day's preschoolers will graduate high school — the majority of our energy could still come from fossil fuels. We owe it to the kids grow-

Hawaii and the Hawaiian Electric companies acknowledged and agreed:

"The future of Hawaii requires that we move more decisively and irreversibly away from imported fossil fuel for electricity and transportation and towards indigenously produced renewable energy and an ethic of energy efficiency.







George Ariyoshi was governor of Hawaii 1974-1986; Christine Camp is managing director of Avalon Development Co., LLC; and Peter Crouch is dean of the College of Engineering at the University of Hawaii-Manoa. They are on the board of directors of Blue Planet Foundation.

progress in clean energy technology and policies, as well as a rising tide of citizens intent on reversing climate change. With continued action in these areas — building on progress like advanced rooftop solar inverters to accommodate high solar penetration, an 80 percent drop in solar power module





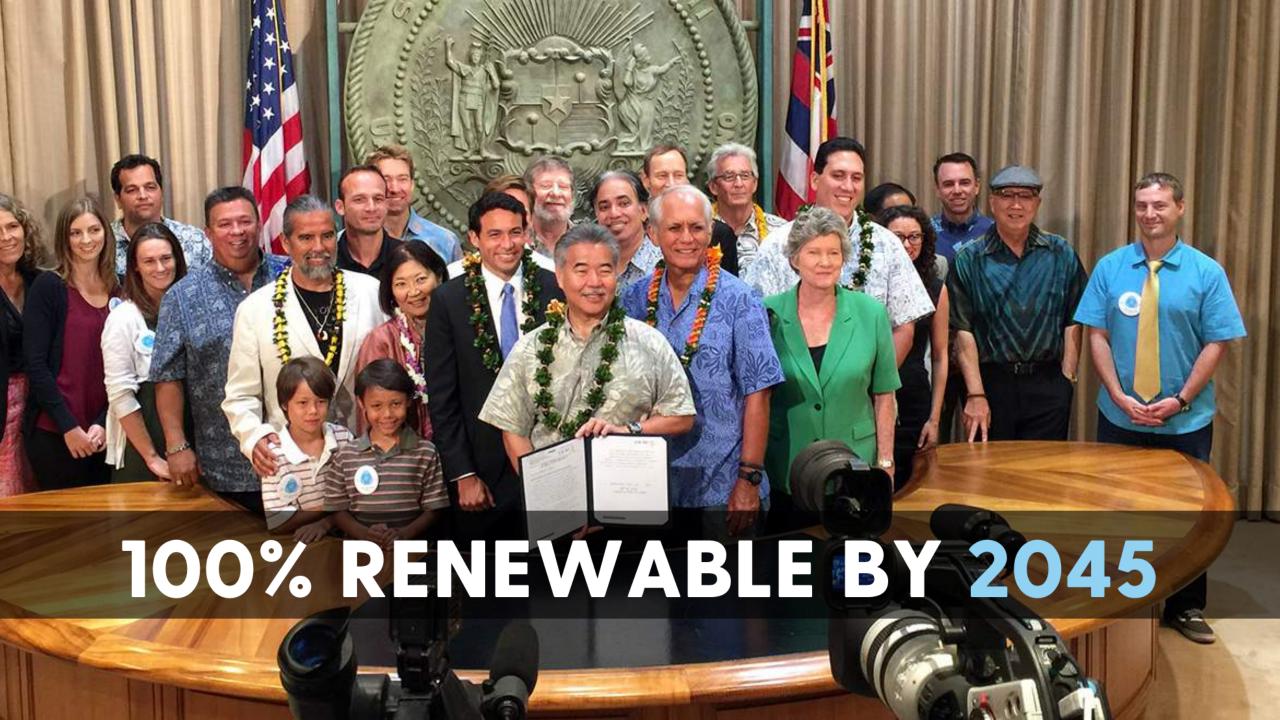
Dear Legislators,

We are tomorrow's scientists, farmers, teachers, dreamers, and leaders, asking you to make our future brighter by passing House Bill 623: 100% clean, renewable energy by 2040.

100% renewable energy by 2040













Hawaii just set a goal of generating 100 percent of its electricity from renewable resources: ofa.bo/r7hi #SwitchToClean



Gov. Ige signs bill setting 100 percent renewable energy goal for...

By Hawaii News Now @HawaiiNewsNow

Gov. David Ige on Monday signed into law four energy bills, including one that strengthens Hawaii's commitment to clean energy by directing the state's utilities to generate 100 percent of their el

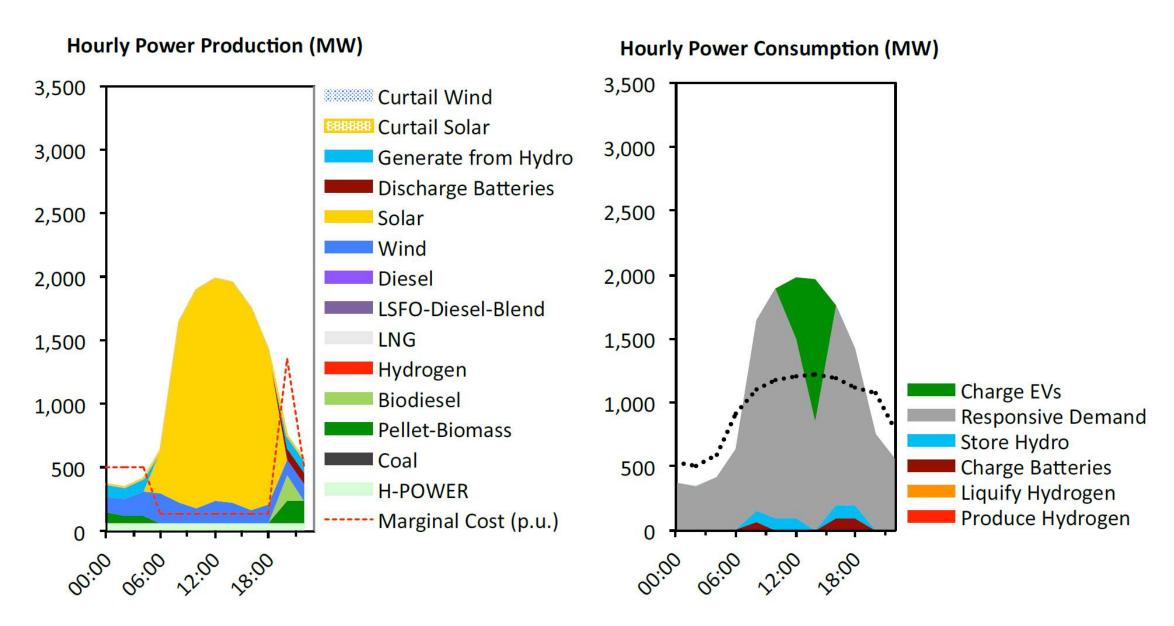


Hawaii Electric aims to hit 100% renewables 5 years early with new power supply plan

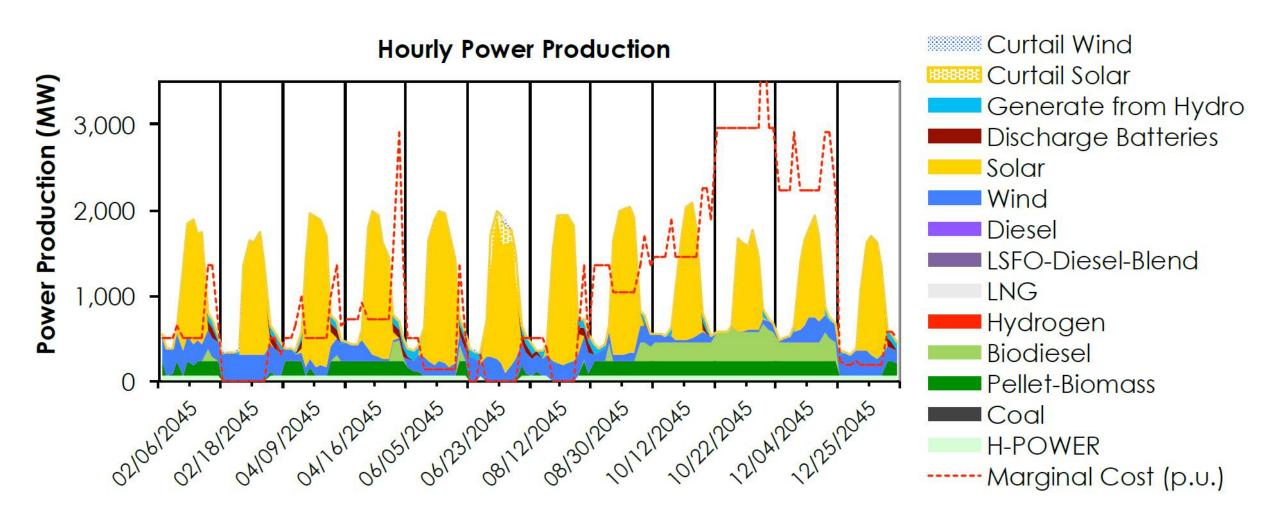


HECO aims to hit renewable energy goal early

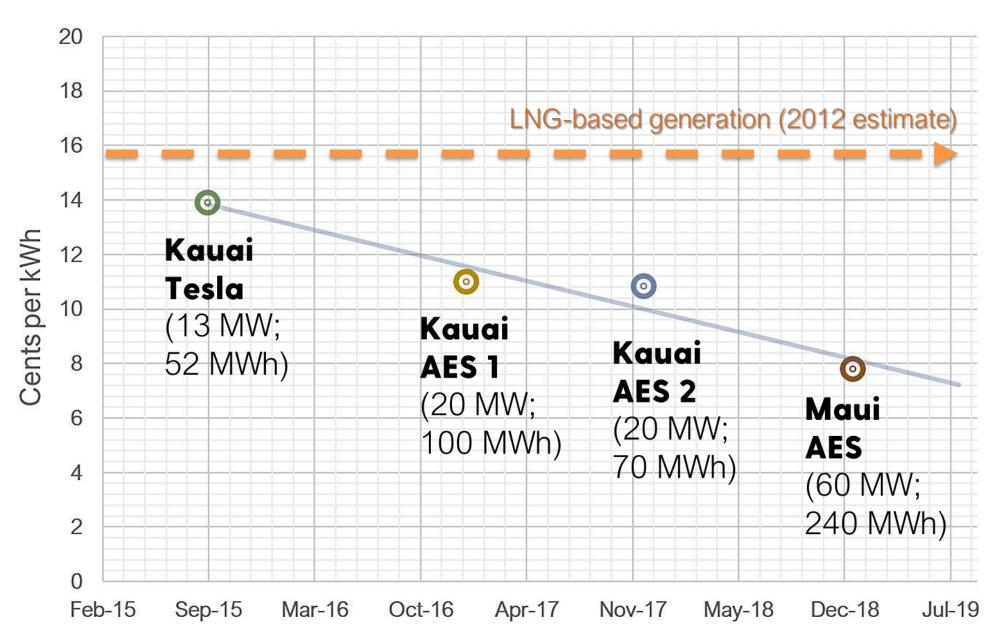
100% Renewable, April day in 2045



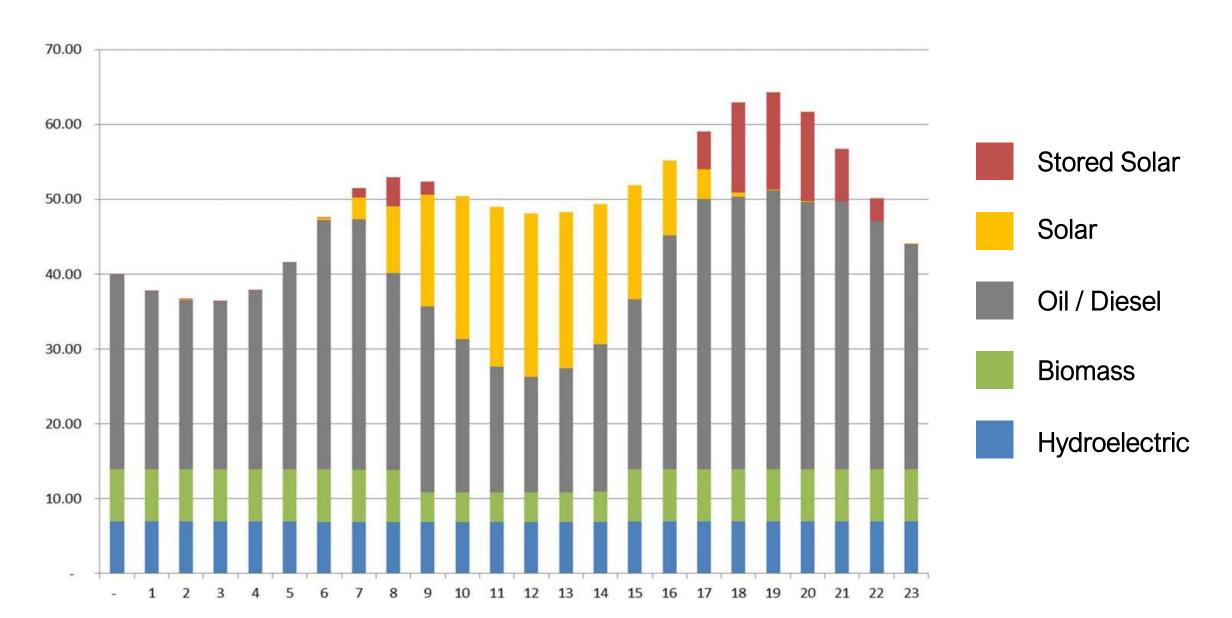
Seasonal Energy Balance, 100% Renewable



HAWAII SOLAR+STORAGE COST CURVE



Kauai's Typical Daily Dispatch 2018





Transform by design, not default





Retrofitting 1,000 existing electric water heaters with grid interactive controllers to create about 3 MW of storage.







THIS BUS IS FUTURE FRIENDLY

PRINCIPLES

P

First fully electric buses (Proterra)

Launching this weekend





100%
RENEWABLE
ELECTRICITY

100% CLEAN ENERGY BY 2045 PARIS
CLIMATE
COMMITMENT

CARBON NEUTRAL TARGET 100% RENEWABLE
GROUND
TRANSPORTATION





