



Hawai'i's Energy Strategy Driving Transformational Change

The State Energy Plan

- Reduce Costs
- Reduce Carbon
- Increase Capital Investment

CLEAN ENERGY SECTOR PARTNERSHIP

Established in 2023 under
Good Jobs Hawaii initiative

Multi-sector collaboration addressing
Hawaii's talent pipeline and workforce
development opportunities

Powered By



TRAINING FOR RESIDENTIAL ENERGY CONTRACTORS

Statewide programs building
Hawaii's home-energy-efficiency
workforce

Hands-on training for in-demand
clean energy careers

Strengthening local communities
through good jobs



eHale: Hawai'i Home Energy Rebates

eHale Energy Saver Rebates

Electrification + Efficiency Upgrades

Hawai'i State Energy Office | energy.hawaii.gov

energy.hawaii.gov/ehale-rebates/



Program Purpose and Benefits

Make energy-saving home upgrades that
lower monthly costs and increase comfort.



Lower monthly energy costs



Increase home comfort



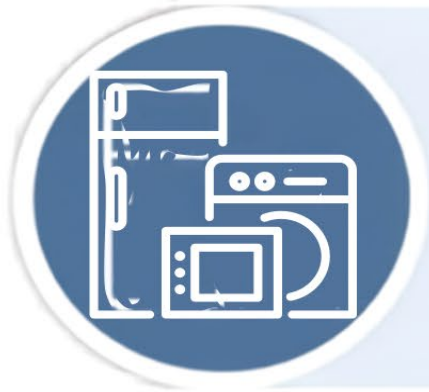
Support a more affordable,
resilient future for Hawai'i



Helping Hawai'i residents lower energy costs and improve home comfort.

Eligible Upgrades

Eligible upgrades include efficient appliances and whole-home improvements that support a more affordable, resilient future for Hawai'i.



Efficient Appliances



Whole-Home Improvements

Helping Hawai'i residents lower energy costs and improve home comfort.

Eligibility and Income Guidelines

- ✓ Available to eligible Hawai'i households
- ✓ Income limits based on federal guidelines (Area Median Income)
- ✓ No retroactive rebates
- ✓ Upgrades must be installed by a program-certified contractor

Scan the QR code
to learn income
eligibility (Area
Median Income
guidelines)





Certified Contractors and Rebate Rules

- ✓ All upgrades must be installed by a program-certified contractor
- ✓ Contractors must be certified by the program
- ✓ No DIY installations
- ✓ Incentives are subject to maximum limits per household, household income, and upgrade type



Scan the QR code
to learn more



Get Recognized

The Hawaii Green Business Program (HGBP) is a free state program that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner.

In 2024/2025, the energy efficiency measures of HGBP businesses resulted in:

38.8

million gallons
of water saved

65.6

million kWh of
electricity saved

22.7

tons of green
waste diverted

1,372

tons of
water recycled

119,110

tons of
GHG saved

Through improvements in operational efficiency, procurement procedures, regulatory compliance and community relations, HGBP participants see improvement to their financial bottom line while supporting efforts towards a more sustainable Hawaii.





**National Laboratory
of the Rockies**



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Energy Resilience:

Energy Technology Innovation Partnership Project Overview



The U.S. Department of Energy's (DOE) Energy Technology Innovation Partnership Project (ETIPP) helps coastal, remote, and island U.S. communities develop more affordable, reliable, and secure energy systems through strategic energy planning and deep-dive technical assistance.



Two Technical Assistance Tracks

Strategic Energy Planning

Objective: Work alongside community members to develop a vision, goals, and an actionable plan to work toward their desired energy goals.

Timeline: 4–8 months

Technical Deep-Dive

Objective: Work alongside community members to narrow the challenges being explored, develop a scope of work, complete tasks and deliverables, and recommend future development pathways.

Timeline: 12–24 months

Contact Eric Sippert (eric.n.sippert@hawaii.gov) for more information.

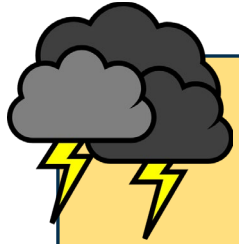
Addressing Generation AND Grid Hardening



Accelerating Renewable Integration



HSEO Energy Security Program



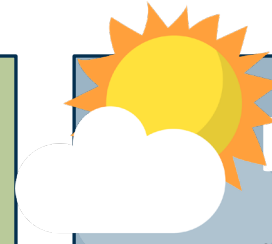
Response

- ESF-12/ IS RSF
- Exercises
 - Makani Pahili
 - Clear Path XI
- Training
 - WebEOC
 - MYTEP
- Energy Task Force



Planning

- Common Operating Picture
 - GDSS
 - EIIRP
- Energy Security Plan
- Fuel Supply Shortage Measures
- Integrate with other plans
 - State HMP
 - Hurricane Plan - ECS



Mitigation

Over \$50M in energy resilience and mitigation projects:

- Building Resilient Infrastructure and Communities (BRIC)
- 40101(d) Funds
- Grid Resilience Innovation Partnerships (GRIP)
- Hazard Mitigation Grant Program (HMGP)

Hawaii Energy Task Force

- Formed in 2025
- Promotes coordination during major energy shortage situations



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Resilience and Mitigation Projects

- HECO Critical Customer Hubs
- Advance Assistance
- Sparkless arresters
- Resilience Hub Virtual Power Plant
- Grid Forming Technologies - KIUC
- Synchronous Condensers - KIUC
- Hazard Mitigation Grant Program
- EMS
- Digital Twin
- Wildfire Risk Assessment



Pursuing Geothermal Potential on All Major Islands

A \$6 million Resource Characterization Program

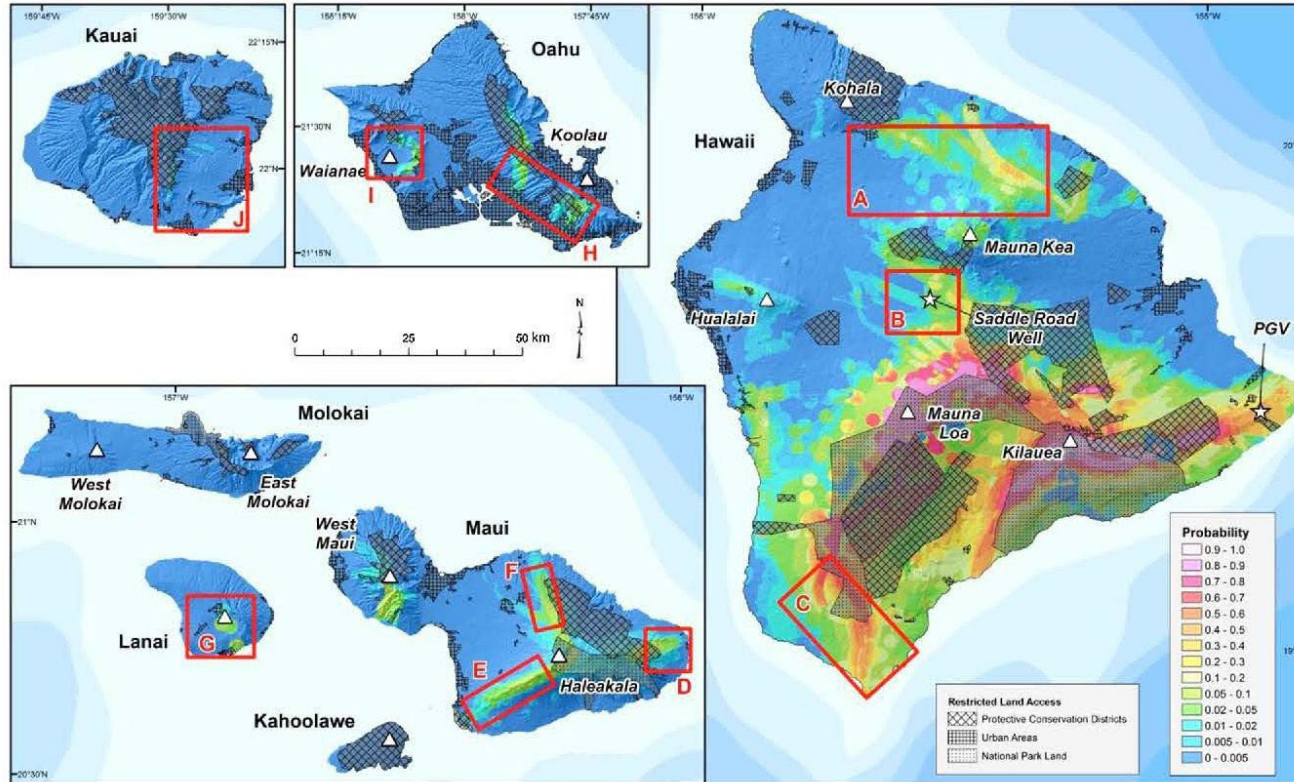
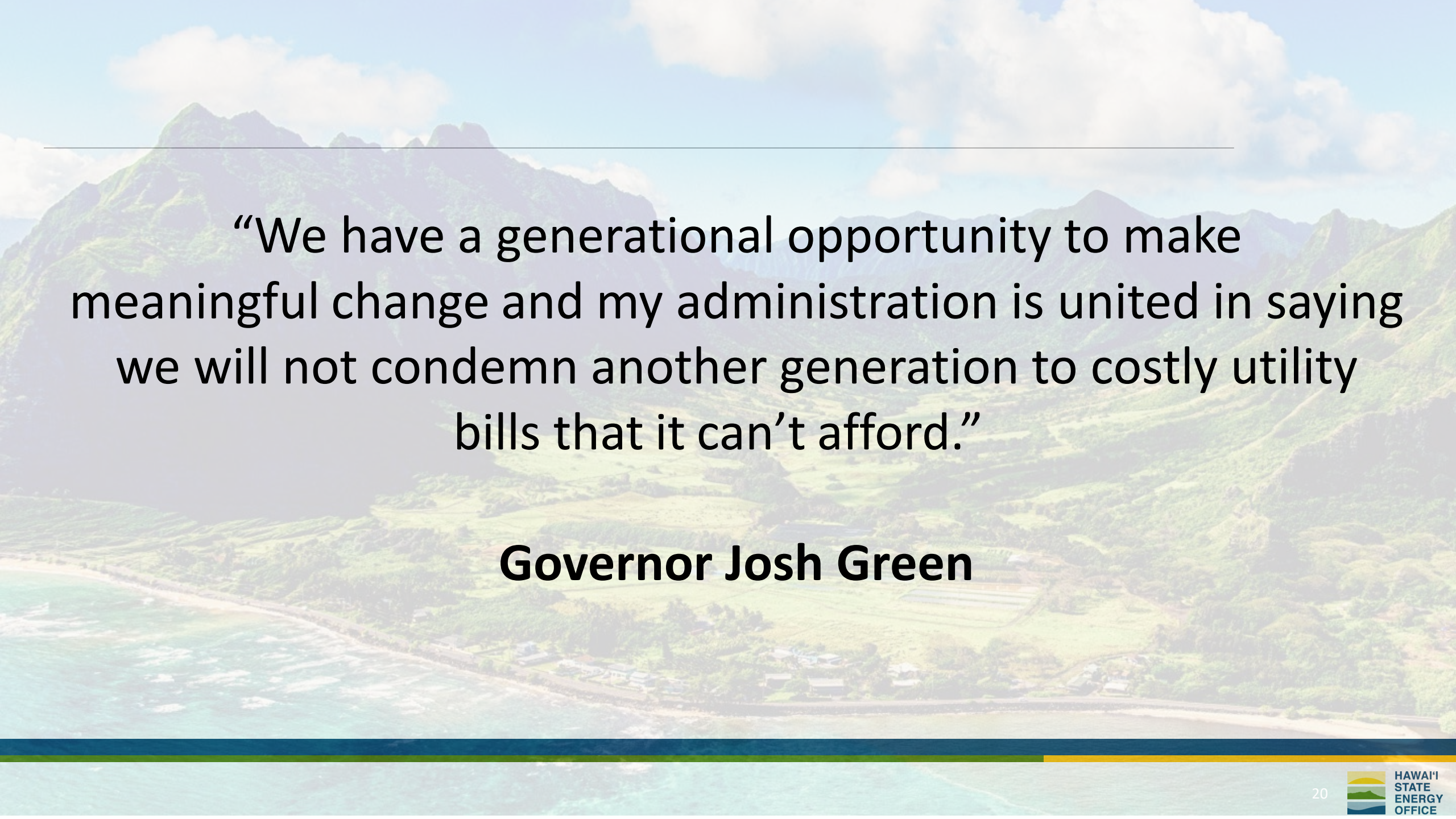


Image Source: Lautze, N., Thomas, D., Waller, D., Frazer, N., Hinz, N., & Apuzen-Ito, G. (2017). Play fairway analysis of geothermal resources across the state of Hawai'i: 3. Use of development viability criterion to prioritize future exploration targets. *Geothermics*, 70, 406-413. The probabilities of a geothermal resource are colored. The map shows probability, but not certainty. Geothermal wells are needed to provide certainty. Areas with restricted land access are shown in striped and crosshatch patterns (e.g., National Park lands, protective conservation districts, and urban areas). Red boxes outline areas proposed for the Phase 2 study. White triangles indicate the calderas of the main shield volcanoes. White stars mark the locations of the Saddle Road well and Puna Geothermal Venture (PGV).

- Further research is necessary to determine site-specific water/heat/pressure characteristics via subsurface characterization and geophysics.
- Community consultation is essential with landowners, residents, businesses, cultural practitioners and any others who may be directly affected.
- Power purchase agreements can stimulate investment that places capital and project risk primarily on the private sector



“We have a generational opportunity to make meaningful change and my administration is united in saying we will not condemn another generation to costly utility bills that it can’t afford.”

Governor Josh Green