WIT.Committee

From: Yonan, Alan M <alan.m.yonan@hawaii.gov>

Sent: Friday, October 16, 2020 5:01 PM **To:** WIT.Committee; Laksmi M. Abraham

Cc: Shiroma, Robin K

Subject: Scott Glenn's presentation

Attachments: 2020-10-19_Scott Glenn Maui County Council_presentation.pptx

Follow Up Flag: Follow up Flag Status: Flagged

HI Laksmi,

Sorry for the lateness. We were adjusting the slides up until the last minute.

Best,

Alan

Alan Yonan Jr.

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Building a Secure & Equitable Clean Energy Future for Hawaii

Hawaii's Renewable Portfolio Standard & Community-Based Renewable Energy

Scott Glenn Chief Energy Officer Hawaii State Energy Office

Before the Maui County Council Water, Infrastructure & Transportation Committee

October 19, 2020





Drivers of Hawaii's Clean Energy Transformation



EEPS

GHG Reductions

Legislation

100% renewable in the power sector by 2045

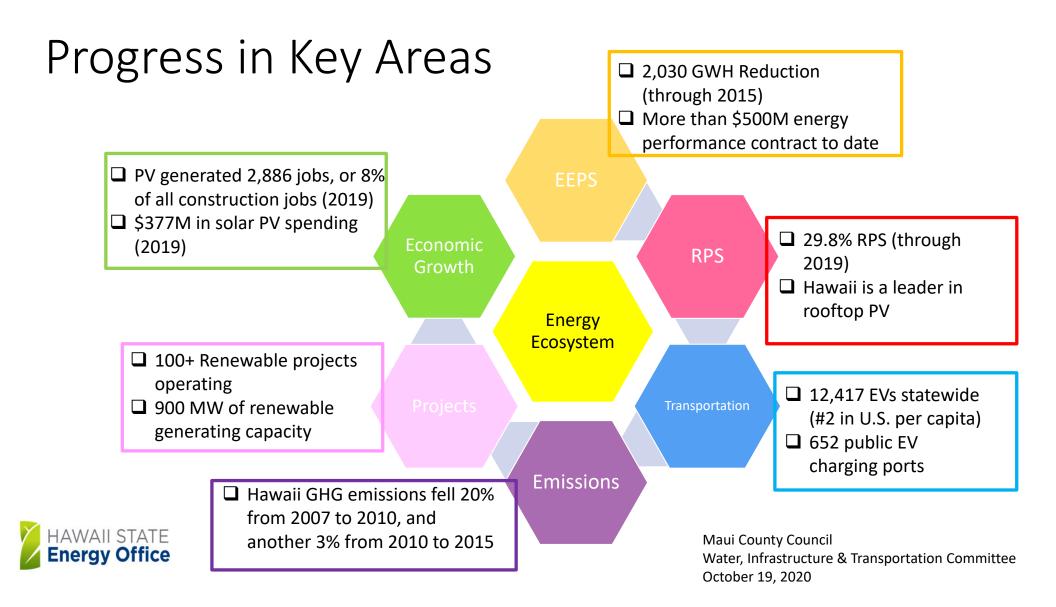
4,300 gigawatt-hour reduction in electricity use by 2020

Carbon-negative target for emissions by 2045

Act 122 of 2019 directs Energy Office to help achieve resilient, clean energy, decarbonized economy



Maui County Council Water, Infrastructure & Transportation Committee October 19, 2020



Enabling Wider Clean Energy Adoption

Community-Based Renewable Energy











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Community-based Renewable Energy (CBRE)

Established in Hawaii by Act 100 in 2015

o Issue:

Many residents and businesses are currently unable to directly participate in renewable energy generation because of their location, building type, access to the electric utility grid, and other impediments.

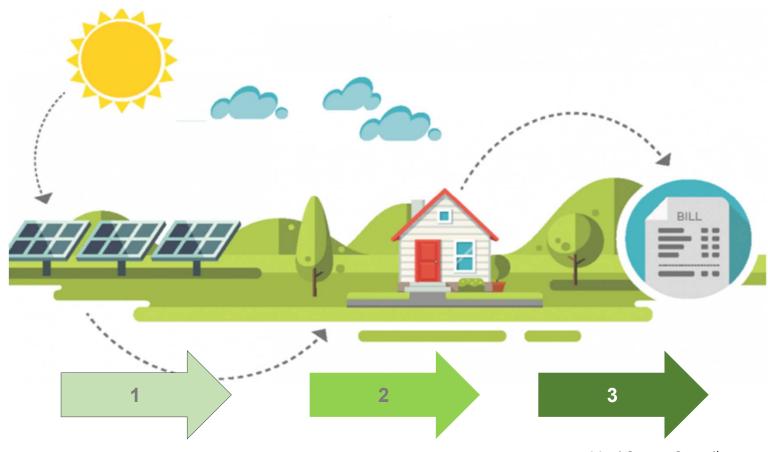
o Solution:

Extend direct participation in renewable energy projects to:

- Residential and business renters;
- Occupants of residential and commercial buildings with shaded or improperly oriented roofs; and
- o Other groups who are unable to access the benefits of onsite clean energy generation



How CBRE Works





Maui County Council Water, Infrastructure & Transportation Committee October 19, 2020

Energy Affordability

- Hawaii Energy's "Energy Relief Grant" program
- HSEO Equity Initiatives
- Appliance Standards Awareness Project
- Low Income Home Energy Assistance Program (LIHEAP)



Mahalo

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