

WIT.Committee

From: Kakazu, Lisa <lisa.kakazu@hawaiianelectric.com>
Sent: Thursday, October 15, 2020 7:52 AM
To: WIT.Committee
Cc: Seu, Scott
Subject: 10/19 WIT Committee Meeting - Presentation Attached
Attachments: Community Planning Procurement for MCC_Seu (FINAL).pptx

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Laks,

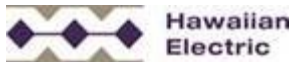
Attached is Scott Seu's presentation.

Thank you,

LISA K. KAKAZU
Administrator
Office of Scott Seu
President & CEO

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From: WIT.Committee <WIT.Committee@mauicounty.us>
Sent: Wednesday, October 14, 2020 1:14 PM
To: Laksmi M. Abraham <Laksmi.Abraham@mauicounty.us>
Subject: WIT Committee Meeting Reminder - 10/19 @1:30pm

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Aloha,

On behalf of Councilmember Sugimura, thank you for agreeing to participate in our next Water, Infrastructure and Transportation meeting on Monday, October 19th at 1:30pm. The presentations and discussion will be focused on "Maui's Renewable Energy Future". Here is the link to the official [meeting agenda](#). You will find the log-in link for

BlueJeans (online meeting platform) and the dial in number for the meeting at the top of the agenda. Simply click on the link (in the agenda) or copy and paste it into your browser to access the meeting.

Lastly, please send a copy of your presentation to wit.committee@mauicounty.us no later than tomorrow, Oct. 15th. Your presentation must be sent to the WIT Committee email to be accepted into the record for this meeting (please do not send it to my email). If you need more time, please let me know.

If you have any other questions, please feel free to email or contact me at the number below. I've attached the updated presentation agenda for your review. Mahalo for your participation and have a great meeting on Monday!

Laks

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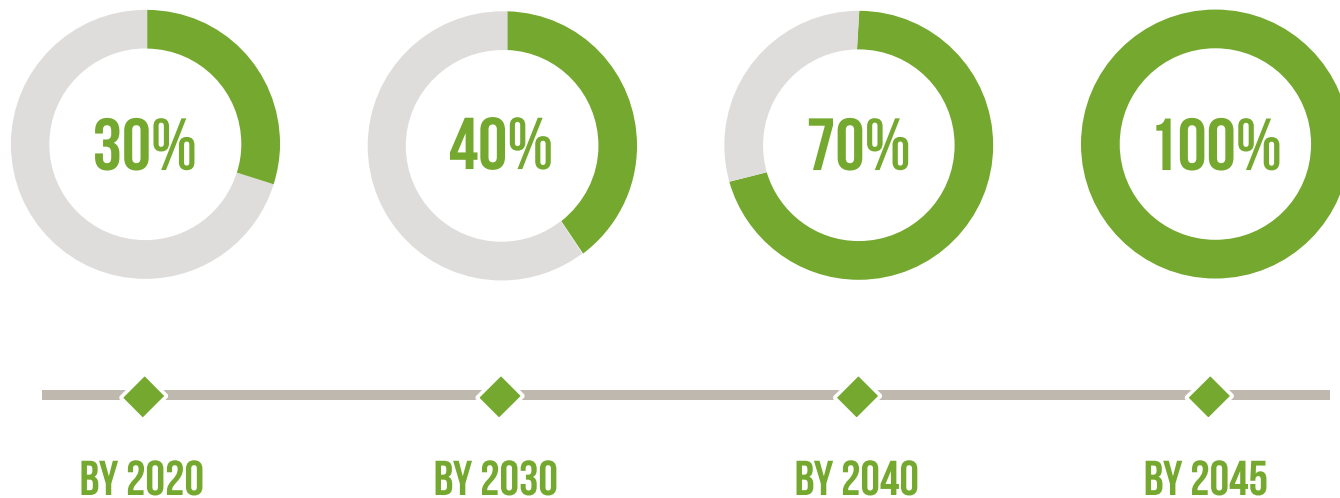


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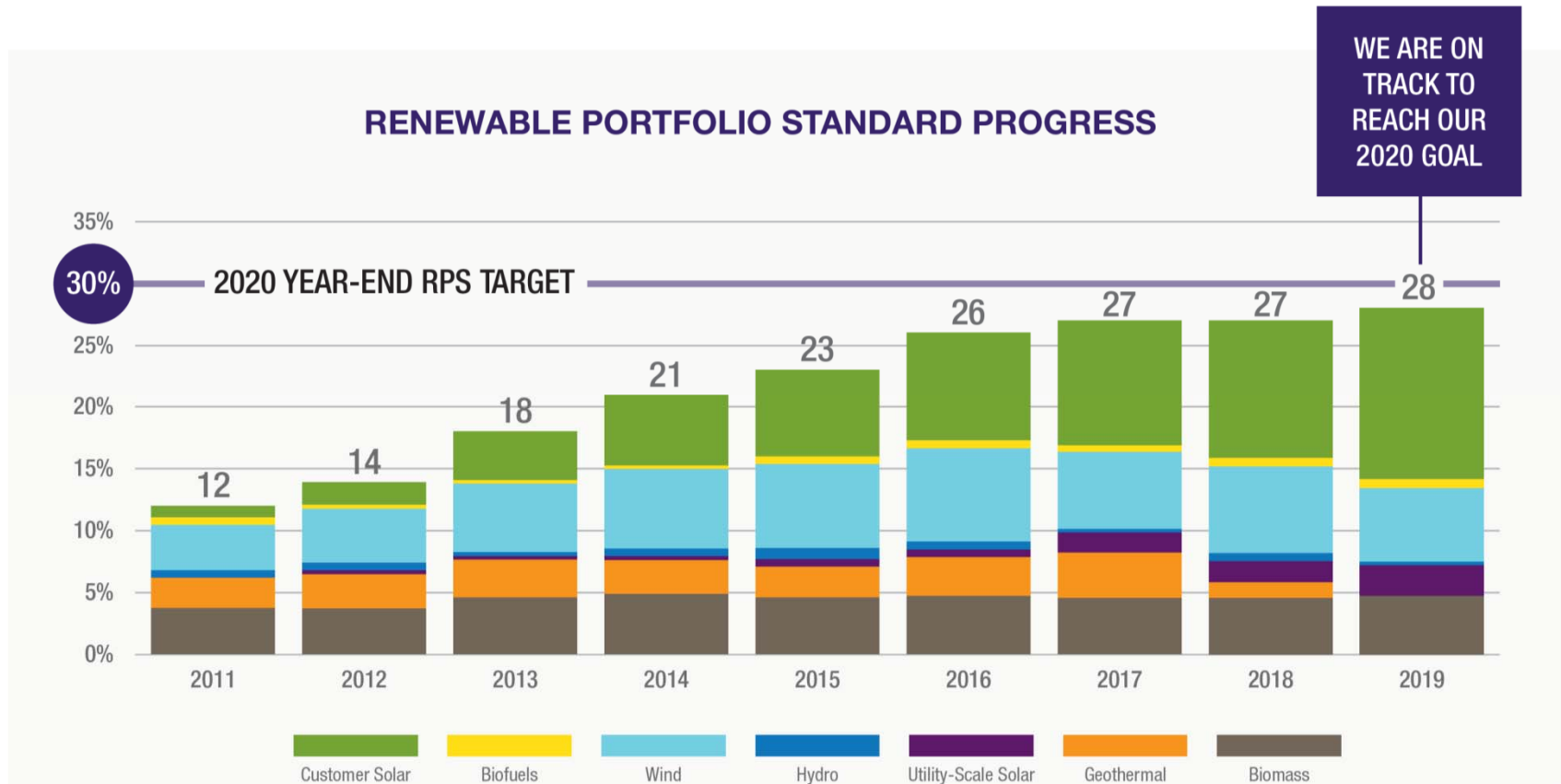
Aloha

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

State Energy Policy Driving to 100% Renewable Energy



Our renewable energy portfolio consists of a diverse set of resources



Renewable Procurement

Stage 1 RFP Final Award Group Projects						
Name	Location	Developer	Tech	Size	Est. Start	RPS % Points
AES Kuihelani	Central Maui	AES Kuihelani Solar, LLC	Solar + BESS	60 MW 240 MWh (BESS)	2021	1.9
Paeahu Solar LLC	Wailea	Paeahu Solar LLC (Innergex)	Solar + BESS	15 MW 60 MWh (BESS)	2022	0.5

Stage 2 RFP Final Award Group Projects						
Name	Location	Developer	Tech	Size	Est. Start	RPS % Points
Kahana Solar	Napili – Honokowai	Innergex	Solar + BESS	20 MW, 80 MWh (BESS)	2023	0.7
Pulehu Solar	Pulehu	Longroad Development Company, LLC	Solar + BESS	40 MW, 160 MWh (BESS)	2023	1.2
Waena BESS	Kahului	Hawaiian Electric Company	BESS	40 MW, 160 MWh	2023	0.2

Recent and Ongoing Procurements

RFP	Targets in RFP, by Island				
	Oahu	Hawaii	Maui	Molokai	Lanai
Stage 1 (2018)	139.5 MW Solar 558 MWh Storage	60 MW Solar 240 MWh Storage	75 MW Solar 300 MWh Storage	N/A	N/A
Grid Services (2019)	327 MW	26 MW	50 MW	N/A	N/A
Stage 2 (2019-2020)	274 MW Solar 1,788 MWh Storage	60 MW Solar 252 MWh Storage	60 MW Solar 400 MWh Storage	8,500 MWh/yr	Combined with CBRE
CBRE Phase 2 (2020-2021)	170 MW + uncapped LMI project	30 MW + uncapped LMI project	30.975 MW + uncapped LMI project	2.75 MW	35,800 MWh/yr (3 MW reserved for CBRE)

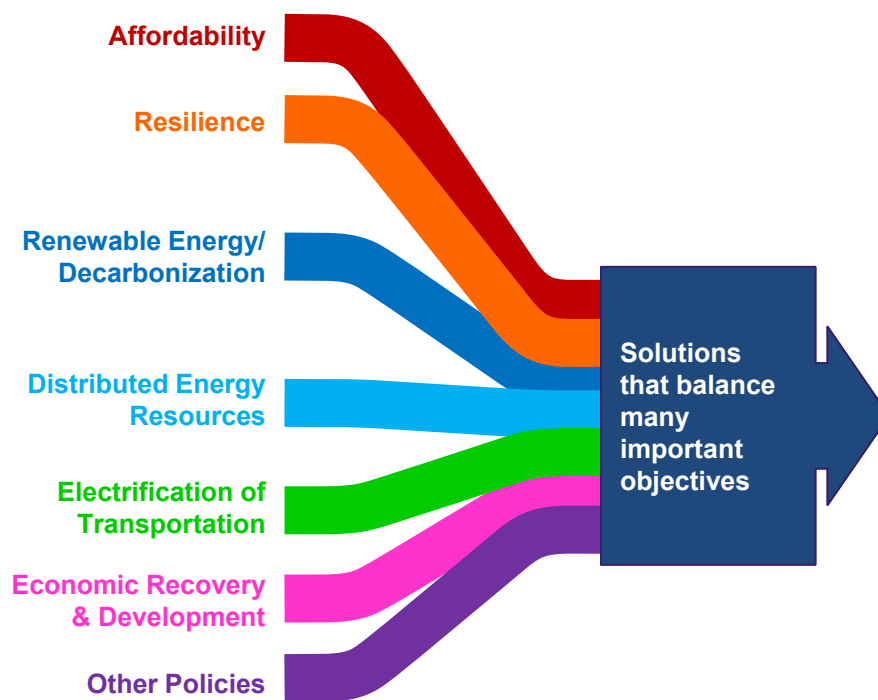


Find More Information on Current Projects at our Renewable Energy Status Board:

<https://www.hawaiianelectric.com/clean-energy-hawaii/our-clean-energy-portfolio/renewable-project-status-board>

Integrated Grid Planning looks at the long-term energy needs for Hawai'i

- ◆ Requires a transformation of our electric system
- ◆ Integration of resource, transmission, distribution and customer resource planning
- ◆ Balancing competing objectives to meet customer needs
- ◆ Technical work informed by active Stakeholder engagement
- ◆ No blueprint; HECO leads the way with work recognized by RMI, EPRI, SEPA and UD, and others as industry-leading



Our Future Together

Hawai`i's ambitious transition to more renewable energy is dependent on the utility, policy makers, community and project developers working together

Hawaiian Electric

Community discussions • Forums
Working groups • Surveys
Public awareness

Project Developers

All proposals require community engagement plan, communication plan and cultural survey.





Mahalo



Renewable Project Locations

In-Service:

KWP I
KWP II
Auwahi
Kuia
SMRR

Approved by PUC:

Kuihelani
Paeahu

Under PUC Review:

Kahana
Pulehu
Waena

