

IGP Inputs and Assumptions Meeting

Tuesday, February 23, 2021

1:00pm - 3:00pm

WebEx

Attendees

WebEx

Christopher Lau, HE

Marc Asano, HE

Anne Fuller, HE

Brian Lam, HE

Cathy Hazama, HE

Dale Murdock, EnerNex

Dean Nishina, DCA

Eric Kunisaki, HE

Gerald Sumida,

Ulupono/Carlsmith Ball

Henry Curtis, Life of the
Land

James Abraham, HE

Jeremy Laundergan,

EnerNex

Joanne Ide, HE

Ken Aramaki, HE

Kolter Kalberg, HE

Kylie Cruz,

Earthjustice/Blue Planet
Foundation

Marcey Chang, DCA

Marisa Chun, HE

Melissa Miyashiro, Blue
Planet

Murray Clay, Ulupono

Rene Kamita, DCA

Robert Harris, Sunrun

Samantha Ruiz, Ulupono

Sherilyn Hayashida,

UHERO

Shuk Han Chan, HE

Sorapong Khongnawang,
HE

Therese Klaty, HE

Amanda Yano, HE

Christopher Kinoshita, HE

Collin Au, HE

Agenda

- Discuss Resource Cost Updates
- Discuss Summary of Feedback on Inputs & Assumptions

Discussion

- I. Resource Cost Updates
 - a. What was the cause of the resource cost changes?
 - i. Incorporating the Federal ITC changes and updating for the latest IHS forecasts published at the end of 2020 and incorporating the 2020 NREL ATB
 1. In particular for residential PV, the biggest driver in IHS' latest forecast were higher development costs associated with customer acquisition reported by Sunrun, SolarCity and others
- II. Stakeholder Feedback on I&A
 - a. Stakeholder: If all fossil fuel vehicles were converted to electric, how many MWhs would that be?
 - i. HE: The sales forecast did not consider all vehicles becoming electric. The Companies assumptions on electric vehicle saturation can be found on our website.¹
 - b. Stakeholder: How did Integral Analytics model the percentage of EVs on the road?
 - i. HE: A high and low forecast was created to bracket around the reference case. Details were provided in a breakout session back in August 2019. The presentation is available on the FAWG website.
 - c. Stakeholder: How does the EV forecast consider plans by GM to go to an all electric fleet by 2035?
 - i. HE: We do track these types of statements as a check on the adoption rate.
 - d. Stakeholder: Comments are due on the 25th. Suggest that HECO wait for the PUC's response before the 2nd draft of the I&A is circulated.
 - e. Stakeholder: Will there be additional details on the underlying forecast?
 - i. HE: Yes, they will be provided in Appendix C of the 2nd draft.

Next Steps

- Issue second draft of I&A document
- Issue comment tracker with disposition and response to feedback received
- Any additional comments or questions?

¹ See <https://www.hawaiianelectric.com/clean-energy-hawaii/integrated-grid-planning/stakeholder-engagement/working-groups/forecast-assumptions-documents>, July 2, 2020 HECO Response to PUC IRs

- Stakeholders may provide feedback on today's discussion to IGP@hawaiianelectric.com, or Chris Lau christopher.lau@hawaiianelectric.com