

IGP Distribution Planning Working Group Meeting
Monday, November 18, 2019
8:30am – 12:00pm
WebEx

Attendees

Marc Asano, HE
Paul De Martini, Newport
Consulting
Al Takle, Steffes
Ali Ipakchi, OATI
Amanda Yano, HE
Austin Zeller, Steffes
Bill Zastrow, WZ
Engineering
Sue Cagampang,
Charles Ted Witham,
Eaton Corporation
Chris DeBone, Hawai'i
Energy Connection
Christopher Lau, HE
Clarice Schafer, HPUC
Cody Guidry, Stem
Daniel Houghton, APS
David Parsons, PUC
Dean Nishina, DCA

Enrique Che, HE
Eric Cutter, E3
Eric Kunisaki, HE
Gary Fukumoto, HE
Gerald Sumida, Carlsmith
Ball/Ulupono
Gina Yi, PUC
Greg Shimokawa, HE
Isaac Kawahara, HE
Jason Prince, RMI
Jay-Paul Lenker, HPUC
Jennifer Potter, HPUC
Jeremy Laundergan,
EnerNex
Jim Laehy, OATI
Jon Fortune, Swell Energy
Jonathan Wuo, SCE
Kandice Kubojiri, HELCO
Katie Wu, Grid Works
Kayla Kawamata, HE

Keith Block, Hawai'i
Energy
Ken Aramaki, HE
Kylie Cruz, Earthjustice
Lisa Hiraoka, HE
Liza Jang-Che, HE
Marcey Chang, DCA
Marisa Chun, HE
Mel Higa, HELCO
Meredith Chee, HE
Michael Lum, HE
Mike Shin, FleetCarma
Nohea Hirahara, HE
Phil Gerwien, HE
Rene Kamita, DCA
Riley Ceria, HELCO
Susan Char, HE
Yoh Kawanami, HE

Objective

- Present the Hawaiian Electric Company (HECO) planning process for the distribution system and identifying grid needs
- Obtain stakeholder feedback on distribution planning process
- Begin discussion on Distribution Grid Needs document components

Agenda

- Distribution Planning Overview
- Distribution Planning Process
 - Forecast
 - Analysis
 - Solution
- Future Planning Next Steps
- Stakeholder Feedback

Discussion

- I. Forecast
 - a. Stakeholder asked, when do minimum loads occur?
 - i. HECO: Generally occurs around the same time of the day. However, there may be variations on each circuit.
 - b. Stakeholder commented on distribution grid dependency on forecast as well as considerations for resiliency. It seems hard to move forward before determining a forecast.
 - i. HECO: One part is the system level forecast. The second part is the circuit level forecast. We are looking at both parts.
- II. Hosting Capacity
 - a. Stakeholders would like to know when to expect the future hosting capacity enhancements to be implemented.
 - i. HECO: For about a year now, we have been working to develop hosting capacity methodologies and are currently working with EPRI to verify and automate the process. Stakeholders will be able to review the deliverables and provide feedback.
- III. Topics for the Next Meeting
 - a. Stakeholder request to receive the new forecast first, in order to provide feedback on the distribution planning methods and deliverables.
 - i. HECO: Once the forecast is available, there will be a Forecast Assumptions Working Group meeting to discuss the forecast assumptions and methods. The DPWG also plans to have a dedicated meeting to discuss the forecast as it relates to distribution planning, which would include the circuit-level forecast.
 - b. Stakeholder recognizes that coordination with transmission planning is a good step forward and further suggests coordination with system operations on solutions for contingency events using NWA resources. The dynamic nature of DERs could impact some of the analysis.

DPWG – Meeting Topics & Schedule

December 2019	<ul style="list-style-type: none">• Distribution Planning integration with Resource & Transmission planning process• 2020 NWA Opportunities & Opportunity Evaluation Screen• Final Documentation of Deliverables Posted to Hawaiian Electric Companies Website
January 2020	<ul style="list-style-type: none">• Distribution Planning load scenarios and sensitivities methodology• Soft Launch RFP Proposals Due
February 2020	<ul style="list-style-type: none">• Proposed Distribution Planning load scenarios and sensitivity methodology

Next Steps

- Next meeting, December 4, 2019, 10:00 am – 1:00 pm
- Questions and comments may be submitted to Marc Asano at, marc.asano@hawaiianelectric.com or igp@hawaiianelectric.com