

Distribution Planning and Grid Services Joint Working Group Meeting 3: IGP Soft Launch

June 19, 2019

9:00 am – 12:00 pm

ASB 2 and WebEx

Attendees

David Parsons, PUC

Jay-Paul D Lenker, PUC

Gina Yi, PUC

Samantha Ruiz, PUC

Dean Nishina, DCCA

Marcey Chang, DCCA

Riley Saito, County of Hawaii

Gerald A. Sumida

Caroline Carl, Hawaii Energy

Keith Block, Hawaii Energy

Veronica Rocha, Essential
Leap

Kit Ma

Keith Avery

Jeremy Dom

Charles Chacko, Greenpath
Technologies

Christian Rawson, Enel X

Daniel Lewis, SolarEdge

Felicia Lee, Advanced
Microgrid Solutions

Gene Lee, SCE

Gerry Cauley, Siemens

Jason Prince, Rocky

Mountain Institute

Jerry Mount, Shifted Energy

Jim Laehy, OATI

Michael Hastings, Half Moon
Power

Mitch Crowley, 174 Power
Global Inc.

Nathan Wyeth, SunRun

Steven Rymsha, SunRun

Robert Harris, SunRun

Pam Seidenman, AMS

Paul Steckley, Steckley Power
Systems

Ryan McCauley, Tritium3

Theodore Peck, Holu Hou
Energy LLC

Tricia Rohlfig, Hawaii Pacific
Solar

Will Rolston, Energy Island

Dan Girard, HMP

Roderick Go, E3

Jeremy Laundergan, EnerNex

Li Yu, Quanta Technology

Zhuoning Liu, Quanta
Technology

Marc Asano, HE

Alan Hirayama, HE

Susan Chow, HE

Liza Jang-Che, HE

Blaine Hironaga, HE

Kayla Kawamata, HE

Marie Olt, HE

Meredith Chee, HE

Greg Shimokawa, HE

Isaac Kawahara, HE

Nohea Hirahara, HE

Amanda-Joy Viramontes, HE

Christopher Kinoshita, HE

Collin Au, HE

Marisa Chun, HE

Riley Ceria, HEL

Jon Shindo, HE

Discussion

- Consider longer than 5-year term for distribution level deferment?
 - For distribution, depends on load materializing. Not saying after 5 years, wires will be built. Will re-evaluate after 5 years. Did not want to go with a longer-term contract and get stuck if the load doesn't materialize. This is consistent with other jurisdictions' distribution level capacity projects.
- Is Hoopili no longer being offered as an NWA opportunity?
 - No final decisions yet. For this procurement, going with the East Kapolei opportunity.
- Permanent load reduction vs. dispatchable load reduction to fulfill the needs of this capacity deferral?
 - From a technical need, we are looking for anything that will address the need within the hours defined. Load reduction can be permanent (like energy efficiency) or dispatchable. The intent is to defer the capital investment.
- How to account for load reduction value that will persist beyond the 5-year contract term?
 - Trying to avoid overpaying for resources that are not needed if the load does not materialize. Balancing the contract term with the assumption that technology prices will continue to fall.
- Any thoughts on setting contract terms that align with equipment lifespan, for example batteries have 10-year warranties? This would allow for more certainty for customers and may incentivize better participation.
 - Trying to balance contracts with the development of programs. Need to be careful about providing too much incentive up front.
 - Will need to consider individual customers different from a large-scale utility resource. The decision-making process is different between these customer types. Individual customers may prefer programs and tariffs instead.
- With regards to development in the Kapolei area (including Hoopili), this NWA is in response to the first phase? What is the timeframe for the next phases? Does this affect the 5-year contract term?
 - This NWA is tangentially related. The Hoopili development is planned for the next 20 to 30 years. Anticipate that there will be other NWA opportunities in the future in response to this growth.
 - May also consider targeted programs and tariff options to address load growth in this area.
- Will there be future NWAs related to the Stage 2 RFPs?
 - Assuming this question is a general process question. NWA procurements will continue as part of the IGP process.
- What community outreach requirements would be appropriate for an IGP RFP?
 - There should be different levels of engagement depending on the project type. A new front of meter project would need more community engagement because new assets are being built. Behind the meter projects may not need as much outreach as it is not applicable to the procurements.

- What about community education requirements? Would the Companies be willing to get the word out about these opportunities to affected communities? Will there be partnerships between the Companies and proposers to do customer outreach?
 - For the GSPA, outreach is done as a partnership.
 - For utility-scale, it has typically been the bidder's responsibility with past RFPs. Recommend getting started as soon as possible.
- Who are we trying to contact and why? If it is a discrete community, then we should target that area to raise awareness to potential customers. As a neighborhood, they may decide to participate to be green for example. Could leverage neighborhood boards, PTA meetings, and other standing community meetings.
- Is there other information needed to prepare bids for the RFP?
 - Stakeholder requests:
 - GIS maps to show where the circuit is located and which parcels are connected.
 - Need to know where the load is. These maps need to be more granular than what is shown in the slides.
 - Outline which parcels are on which circuit.
 - If possible, get the number of meters and breakdown of rate schedules per circuit.
- Discussion on the 5-year term – term consistent with the GSPA, but not with the RDG PPA or ESPPA.

How to better consider both behind the meter and front of the meter projects on a more level playing field?

 - With the 5-year term, seems like we would be in a constant cycle of identifying needs, procurements, and getting PUC approval. This is an argument for extending the contract term to something like 7 years, since by year 2 or 3, would need to start identifying needs and accounting for procurement and approval time to get the project operational in time. However, we need to be flexible to new technologies, development of existing technologies and the price reductions that come with efficiencies, etc.
- Estimated time for release of the RFP?
 - Later this summer. This is dependent on number of comments received and feedback needing to be incorporated before finalizing the RFP for release.