

## IGP Solution Evaluation and Optimization Working Group Meeting #4

Wednesday, October 30, 2019

8:00am - 9:30am

WebEx

### Attendees

#### WebEx

|                                  |                             |                                    |
|----------------------------------|-----------------------------|------------------------------------|
| Christopher Lau, HE              | Yoh Kawanami, HE            | Erik Kvam, REACH                   |
| Dale Murdock, Newport Consulting | Meredith Chee, HE           | Jason Prince, RMI                  |
| Christopher Kinoshita, HE        | Nohea Hirahara, HE          | Jessie Ciulla, RMI                 |
| Vladimir Shvets, HE              | Peter Young, HE             | Marcey Chang, DCA                  |
| Collin Au, HE                    | Robert Uyeunten, HE         | Noelani Kalipi, Progression Energy |
| Amanda Yano, HE                  | Jeremey Laundergan, Enernex | Robert Harris, Sunrun              |
| Sorapong Khongnawang, HE         | Clarice Schafer, PUC        | Steven Rymsha, Sunrun              |
| Brian Lam, HE                    | David Parsons, PUC          | Roderick Go, E3                    |
| Greg Shimokawa, HE               | Gina Yi, PUC                | Will Rolston, Energy Island        |
| Isaac Kawahara, HE               | Jay-Paul Lenker, PUC        |                                    |
|                                  | Mike Wallerstein, PUC       |                                    |

### Objectives

- Review stakeholder comments to the Solution Evaluation and Optimization Working Group's (SEOWG) Resource & Ancillary Service Needs Methodology & Process Outline

### Agenda

- Welcome & Introductions
  - WG Ground Rules
- Review of the SEOWG Resource & Ancillary Service Needs Methodology & Process Outline
- Next Steps

### Key Takeaways:

- Purpose and Drivers:
  - Stakeholders interested in understanding how current utility procurements and the solutions sourced through the 2-year IGP cycle will be fed back into the forecast assumptions and needs assessment in the following IGP cycles, as well as in the 5-year resource plan.
- Inputs
  - Strong stakeholder emphasis on opportunities for DERs to participate as solutions at the system level.
  - Discussion on rate design, bottom-up system view and customer engagement in shaping needs of the system.

- Outputs
  - Concern over large-scale procurements crowding out smaller projects or solutions provided by DER aggregators or DER programs. HECO provides that the RFPs are technology-agnostic.
  - Stakeholders interested in learning more about the new types of grid services/products and their definitions.
- Proposed Methodology
  - Stakeholder interest in transmission hosting capacity evaluation and how the locations for NTAs will be identified and analyzed.
  - Strong stakeholder interest in new rate design and tariffs that will be an output of the Advanced Rate Design and new DER dockets, and how these may be evaluated as potential NWA or NTA solutions.

### SEOWG Deliverables and Deadlines

- Due 1/8/2020 –
  - Description of the methodology for identifying capacity, energy, ancillary service (CEAS) needs.
  - Description of the evaluation methodology to be used for proposed CEAS solutions.
- Due 2/12/2020 –
  - Description of the optimization methodology to be used for proposed solutions that may address multiple resource/grid needs.

### SEOWG Upcoming Meetings Schedule

|   |   |
|---|---|
| Meeting 5 – November 13, 2019 (Joint Meeting with the CPWG) | Capacity, Energy, and AS Evaluation and T&D NWA RFP Evaluation                  |
| Meeting 6 – Week of November 18, 2019                       | WebEx to discuss results of Meeting 5   |
| Meeting 7 – December 9, 2019                                | Review of new evaluation and optimization methods for 1 <sup>st</sup> IGP cycle |
| Meeting 8 – Week of December 16, 2019                       | WebEx meeting to discuss results of Meeting 7                                   |
| Meeting 9 – January 8, 2020                                 | Review first draft of deliverables  |
| Meeting 10 – February 12, 2020                              | Review second draft of deliverables   |
| Meeting 11 – March 18, 2020                                 | Final Meeting – Deliverables Due  |

### Next Steps

- Meeting notes will be posted to IGP website
- Feedback may be sent to – [IGP@hawaiianelectric.com](mailto:IGP@hawaiianelectric.com) and [christopher.lau@hawaiianelectric.com](mailto:christopher.lau@hawaiianelectric.com)