



Meeting Name	Date of Meeting
Microgrid Services Tariff Working Group Meeting	February 6, 2020

### Agenda

<b>Introduction / Timeline / Scope of Microgrid Services Tariff</b>	<ul style="list-style-type: none"> <li>• WG reviewed the scope of proposed Microgrid Services Tariff (presentation sent via email to WG members 1/27/20)</li> <li>• WG members posed a few Hybrid Microgrid scenarios that should not be disallowed by the tariff:               <ul style="list-style-type: none"> <li>○ Fossil Generation used for backup</li> <li>○ Customers with Customer Self-Supply (CSS) systems that can export during an island situation.</li> </ul> </li> <li>• WG member suggested the following:               <ul style="list-style-type: none"> <li>○ Think through compensation for fossil generation during an emergency event,</li> <li>○ Ensure aggregators are not circumventing capacity limits.</li> </ul> </li> </ul>
<b>Draft Microgrid Services Tariff</b>	<ul style="list-style-type: none"> <li>• WG members discussed current draft. Key issues raised were:               <ul style="list-style-type: none"> <li>○ MG Operators must conform with Hawaii Laws.</li> <li>○ MGs should be required to meet RPS requirements.</li> <li>○ MG Tariff should include language regarding a future Resiliency Tariff.</li> </ul> </li> <li>• WG member agreed to provide suggested language for Customer Participation, MG Operator Participation, Operational Requirements, and Operation Agreement.</li> </ul>
<b>Draft Tariff and Rule Modifications</b>	<ul style="list-style-type: none"> <li>• WG Member provided a comment on Rule 24 (via email, not present at meeting)               <ul style="list-style-type: none"> <li>○ Need to follow-up on comment.</li> </ul> </li> </ul>
<b>Next Steps</b>	<ul style="list-style-type: none"> <li>• WG agreed to schedule working meetings with a subset of members to focus on finalizing the Working Group’s proposals.               <ul style="list-style-type: none"> <li>○ [Update] Meetings scheduled on Feb 10 and 11. Outcomes of working sessions to be provided to larger group.</li> </ul> </li> </ul>
<b>Parking Lot Topics to Date (New Topics in Red)</b>	<ul style="list-style-type: none"> <li>• Change of ownership of Microgrid</li> <li>• Standby Charges or Exit Fees</li> <li>• Customer protection-related considerations</li> <li>• Microgrid/IGP procurement considerations</li> <li>• Considerations of gaming between utility-owned and 3rd-party MGs</li> <li>• Army/Military MG issues such as WG will consider nested microgrids, if appropriate</li> <li>• Interactions with other dockets</li> </ul>



	<ul style="list-style-type: none"> <li>○ DER Tariff/Programs</li> <li>○ IGP Resiliency</li> <li>● Consideration of societal, environmental value</li> <li>● Development of PPA model for hybrid MGs</li> <li>● Other types of microgrids that don't fit Act 200 definition</li> <li>● Gap in tariff for customers greater than 100kW participation &amp; compensation in non-normal, non-island scenarios. Eg, SIA</li> <li>● Harmonize compensation with other grid service mechanisms             <ul style="list-style-type: none"> <li>○ Expanded functionality from MG service and whether should be included in MST.</li> </ul> </li> <li>● Contractual obligations for other grid services – Customers with existing DER/DR obligations still need to meet performance if included in a MG.</li> <li>● Customer approvals – Does a Hybrid MG need a full customer subscription?</li> </ul>
--	---

**Working Group Chairs:**

Marcey Chang, DCCA	Chair, Market Facilitation and Interconnection WG	<a href="mailto:mchang@dcca.hawaii.gov">mchang@dcca.hawaii.gov</a>
Marc Asano, HE	Chair, Interconnection WG	<a href="mailto:marc.asano@hawaiianelectric.com">marc.asano@hawaiianelectric.com</a>
Ken Aramaki, HE	Chair, Market Facilitation WG	<a href="mailto:ken.aramaki@hawaiianelectric.com">ken.aramaki@hawaiianelectric.com</a>

**Attendees:**

Allie Detrio, Microgrid Resources Coalition	Ellen Nashiwa, HE	Paul De Martini, Newport Consulting
Anand Samtani, Hawaii PUC	Eric Kunisaki, HE	Peter Young, HE
Andrew Barbeau, The Accelerate Group	Gerald Sumida, Carlsmith Ball	Rick Pinkerton, HE
Andrew Okabe, Hawaii PUC	Gina Yi, Hawaii PUC	Riley Ceria, HE
Baird Brown, eco(n)law LLC	Henry Lee, HE	Steven Sano, HE
Bryant Komo, HE	Jeremy Kwock, HE	Stewart Chong, HE
Colton Ching, HE	Kandice Kubojiri, HE	Susan Char, HE
Craig Nakanishi, Cades Schutte	Kevin Katsura, HE	Tracie Black, HE
Damon Schmidt, HE	Leland Cockcroft, HE	Troy Uyehara, HE
Darene Matsuoka, Cades Schutte	Marcey Chang, DCA	William Rolston, Energy Island
Dean Nishina, DCA	Nohea Hirahara, HE	Yoh Kawanami, HE
Eaton O'Neill, HE	Olivia Simpson, HE	