

**Meeting Summary**  
**Innovation Pilot Framework (IPF)**  
**Quarterly Stakeholder Meeting – September 2024**

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Date: September 18, 2024

Location: Virtual – Microsoft Teams Meeting

[Meeting Slide Deck](#)

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### Meeting Takeaways

- **Charge Up eBus – Green:** Executed 3 participation agreements: 2 designs in progress and 1 completed (pending permit approval).
- **Charge Up Commercial -Yellow:** Executed 15 participation agreements and 13 designs. Tracking for 18 total sites. PUC approved requested modification on 9/9/2024.
- **EV-J and EV-P tariff – Green:** Continued interest in enrollment with pace limited by the installation of EV charging facilities. Working through hurdles and using a targeted outreach approach with interested customers.
- **Data & Analytics Clearinghouse (DACH) – Green:** Program Increment 06 extended to 9/23/2024; Planning Program Increment 07 with proposed end date of 12/13/24. Filed pilot status update letter (non-extension) on 9/5/24.
- **EV Telematics (Smart Charge Hawaii) – Green:** Continued focus on enrollment through localized outreach efforts. Large data set being refreshed and being uploaded in DACH. Focus interviews scheduled for the end of September 2024.

### Active Pilots (latest forecast)

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- The updated budget reflect adjustments for delays in Make Ready pilots with no change to overall cost.

### In-flight Pilot Updates

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#### Charge-Up eBus

- Three (3) participation agreements executed of which two (2) designs in progress and 1 completed design and awaiting permit approval.
- Customer readiness, longer procurement timelines, obtaining customer approvals for participant agreements, and approvals of special management permits have resulted in delays.
- Some funding shifted from 2024 to 2025.
- Project completion might go into 2026 depending on permitting.

#### Charge-Up Commercial

- Separately metered service requirement adds complexity and customer costs. Proposed meter placement designs at 6 sites were rejected since they do not meet Hawaiian Electric’s engineering standards.
- PUC approved request for exemption from separately metered service and EV rate enrollment for sites that had rejected designs ([Order No. 41023](#)).
- 15 participation agreements were executed (9 on Oahu and 6 on Maui) out of a targeted 18.
- Some funding shifted from 2024 to 2025.
- Project completion might go into 2026 depending on permitting.
  - Only one data point on permitting – 10 months.

### **EV Tariff Pilot Rates (Schedules EV-J and EV-P)**

- Sustained interest by customers in new tariff rates.
- No new enrollments this quarter, but more expected next quarter.
- Enrollment stats:
  - 2 on Schedule EV-J (1 on Oahu and 1 on Hawaii island).
  - 4 on Schedule EV-P (3 on Oahu and 1 on Maui).
- Continuing to explore ways to increase enrollment through targeted outreach program.

### **Data Analytics Clearinghouse (DACH)**

- Provided the PUC with a [status update](#) on the Data Analytics Clearinghouse Pilot and notified the Commission that the Companies do not intend to request an extension of the pilot beyond the current 2/28/25 pilot end date.
- Program Increment 06 extended to 9/23/24.
- Program Increment 07 in planning with proposed end date of 12/13/24.
- Program Increment 08 remaining.
- Project on track for completion by 1Q 2025.
- Released to portal Site Types interactive reports providing an interactive report on energy consumption patterns and impacts of rooftop solar installations across different site types.
- AMI data refreshed through Q2 2024.
- Working with Hawaii Energy to enable guest accounts and delta sharing options dependent on their available technology.

### **EV Telematics Pilot**

- Enrollment of unique drivers increased from 750 to 901 (as of 9/11/2024), about a 20% increase, primarily due to improved digital advertising on Google, actual driver testimonials on Instagram and Facebook, live TV segments on Living808 on KHON2.
- ev.energy plans to announce new integrations with other EV OEMs that could expand enrollment opportunities. Will continue to accept new enrollments until November 2024.
- Focus group interviews planned for next week.
- Plan to end the pilot at the end of the year.
- Top 3 EV makes in pilot: Tesla, Nissan, and BMW.
- Successfully uploaded telematics data from this pilot into our Data Analytics Clearinghouse.
- Smart Charge Hawaii promotional activities:
  - Building Industry Association of Hawaii Home, Building, & Re-modeling Show (Aug 9-11).
  - EUCI Conference - Utility Planning for EVs on the Grid (Sept 17-18).
  - National Drive Electric Week - Oahu, Hawaii Island, and Maui events (Oct 5).

### **Innovation Pipeline Framework (IPF) Pipeline Status**

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- There has been no notable change in IPF pipeline status since the last meeting.
- The Immersive Learning using Virtual Reality and Broken / Downed Conductor pilot concepts remain at 1<sup>st</sup> level vetting. The Broken / Downed Conductor pilot is again being considered under IPF as the Hawai'i State Energy Office's application was not selected by the U.S. Department of Energy under the Grid Resilience and Innovation Partnerships (GRIP) 2, Topic Area 3 solicitation.
- As mentioned at the last stakeholder meeting, the development and timing of new pilot projects continue to be impacted by the Companies' ongoing budget prioritization process.
- There are no immediate plans for filing any new Notice of Intent (NOI) for the remainder of the year.

### **Next Quarterly IPF Stakeholder Meeting: December 4, 2024**