

## Meeting Summary

### Innovation Pilot Framework (IPF)

#### Quarterly Stakeholder Meeting – December 2024

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Date: December 4, 2024

Location: Virtual – Microsoft Teams Meeting

[Meeting Slide Deck](#)

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#### Meeting Takeaways

- Two (2) Make Ready projects (Charge Up eBus and Charge Up Commercial) in YELLOW status due to delays in permitting and expect to file 12-month extension.
- Other pilots (EV-J and EV-P Tariff, Data & Analytics Clearinghouse, and EV Telematics) remain in GREEN status.

#### Active Pilots (latest forecast)

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- Current spending forecast at \$3.1M in 2024 and \$4.9M in 2025.
- The updated budget reflects a \$1.3M reduction for Charge Up eBus pilot.

#### In-flight Pilot Updates

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##### Charge-Up eBus

- Expect to file a 12-month extension request soon with project completion expected at the end of 2026.
- Three (3) project agreements in Stage 2, Design & Build:
  - Maui: One (1) permit was approved and construction RFP in progress.
  - Oahu: One (1) permit pending approval.
  - Hawaii Island: One (1) pending design revision.
- Installation will go into 2026 after permitting approvals.
- Awaiting approval by the PUC on request to allow E-Bus-J and E-Bus-P pilot rates to remain for the full 10-year commitment period of the make-ready program. Currently E-Bus-J and EV-Bus-P expire on December 31, 2024. As such, the Company also filed a request to extend the existing pilot rates until successor rates are approved for other eBus customers that are not participating in the make-ready pilot.
- The updated budget reflects a \$1.3M reduction due to lower than expected number of sites.

##### Charge-Up Commercial

- Expect to file a 12-month extension request soon with project completion expected at the end of 2026, allowing permitting approvals, installation, and collection of at least 6-months of data.
- One (1) site has completed construction on Oahu.
- Update: Last quarter's presentation stated the pilot target as 18 sites. The pilot target is now 17 sites with 1 site dropping out as it would be too costly to build out given a long conduit run.

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

- One (1) new enrollee in EV-P on Oahu with more expected soon as those customers are eligible; waiting on closing out their building permit.

- **Current Enrollment**

Tariff	Oahu	Maui County	Hawaii Island
EV-J	1	0	1
EV-P	4	1	0
Total	5	1	1

- November 2024 data in bar graphs are partial/incomplete and not full month totals due to differences in customer billing schedules.
- EV consumption data indicating higher usage during mid-day, supporting desired behavior.

**Data Analytics Clearinghouse (DACH)**

- Wrapping up work on PI-7 and starting PI-8 that is expected to end in February/March 2025.
- Decision to collapse the DACH web portal and replace it with Power BI Service Workspace to reduce costs and focus on stakeholder data needs.
- Collaborative Office Hours for new requests, end use cases, new data sets, or meeting stakeholder needs currently every two weeks will change to monthly sessions in 2025.
- Collaborative workplace will remain open in 2025.
- Stakeholder endorses the continuation of the data analytics clearinghouse data post-pilot (2026 and beyond) as they have recently hired a Python programmer who has been working with the pilot team and will be developing a tool for equity, exploring new use cases, and visualizing these data sets. Stakeholder proposes collaborating on a demo/use cases with Hawaiian Electric in the future.
- Collaboration, data, and tools will continue and be available. Looking for feedback to determine funding and resources needed for continued support of workspace.
- Improvements and new stakeholder requests will be considered.
  - UH requested to add property values to the AMI data to help with energy equity analysis.

**EV Telematics Pilot**

- Pilot expected to close at the end of 2024. New sign-ups will be allowed through the end of the pilot, but incentives will no longer be offered to new enrollments after November 30, 2024.
- Connected driver count is at 1,044 as compared to approximately 900 stated at the last quarterly update.
- New EVs makes for this quarter (3<sup>rd</sup> Qtr. 2024): Mazda and Acura.
- Focus group interviews with 10 Smart Charge Hawaii participants completed.
- Updated EV Telematics dataset to be loaded into the DACH after December 2024 and access to the data will continue after the pilot ends.
- Stakeholder stated appreciation for the telematics data is being made available in the data analytics clearinghouse and will be pulling the data for analysis.

**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 Detection pilot concepts remain at 1<sup>st</sup> level vetting.
- 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.

**Next Quarterly IPF Stakeholder Meeting: March 19, 2025**