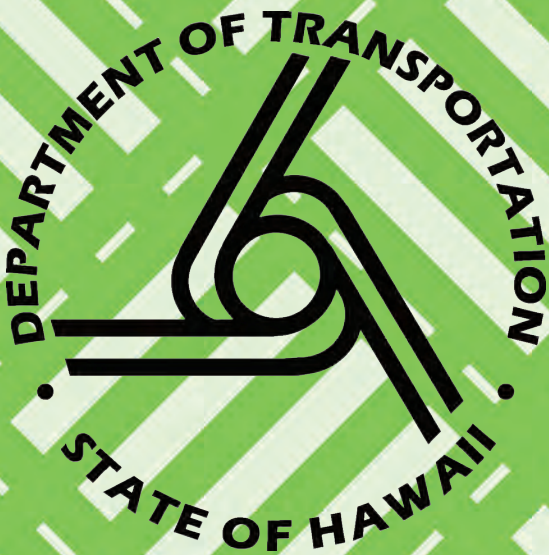


National Electric Vehicle Infrastructure (NEVI) Hawai'i State Plan

UPDATE | August 2023



State Plan/State Plan Update for Electric Vehicle (EV) Infrastructure Deployment

Introduction

Updates from Prior Plan

The following is the Updated National Electric Vehicle Infrastructure (NEVI) Hawaii State Plan that maps out the overall vision and goals for the Hawaii Department of Transportation (HDOT) to deploy charging infrastructure under the NEVI program. This updated plan is intended to guide HDOT activities over the next three years but heavily focuses on activities in the upcoming year.

The following sections of the Plan have been updated for fiscal year 2024:

- State Agency Coordination – HDOT continues to coordinate with other State agencies and submit two discretionary grant applications.
- Public Engagement – Public survey launched thru HDOT’s NEVI webpage. Articles about first two NEVI stations posted in newspapers.
- Plan Vision and Goals – Created a more attainable Goal 1.
- Contracting – 32 chargers purchased thru service contract with Sustainability Partners.
- Existing and Future Conditions Analysis- New charging stations have been installed statewide within the past year.
- EV Charging Infrastructure Deployment – Three new NEVI stations added to the Hawaii list.
- Equity Considerations – First 2 NEVI stations will be installed within DACs.
- Labor and Workforce Considerations – HDOT will use locally sourced contractors with appropriate licenses, certifications, and training.
- Physical Security & Cybersecurity – HDOT will coordinate with its service contractor and software vendor to provide accessible, safe and secure NEVI stations.
- Program Evaluation - HDOT will be using Tritium hardware with an EV Connect networking platform. Data will be provided to EV-ChART.
- Discretionary Exceptions - HDOT seeks exceptions for five (5) NEVI sites.

State Agency Coordination

HDOT is the State's lead on the development and implementation of this State Plan. Over the last year, HDOT has maintained its partnership with the Hawaii State Energy Office (HSEO) to implement the State's NEVI Plan.

In June 2023, HDOT, Hawaiian Electric Company (HECO) and the Hawaii State Public Libraries Systems (HSPLS) prepared and submitted an application for a United States Department of Transportation and Federal Highway Administration competitive grant program – the *Charging and Fueling Infrastructure Grants Program (Community Charging)*. If awarded, this grant will provide funding to install public electric vehicle charging infrastructure at nine (9) public library sites that are located in or serve disadvantaged communities (DACs) on the islands of Oahu, Maui, and Hawaii Island. The project will include 34 direct-current fast chargers (DCFC) and 2 Level II chargers.

Also in June 2023, HDOT partnered with HSEO to prepare and submit an application for a United States Department of Transportation and Federal Highway Administration competitive grant program – *Charging and Fueling Infrastructure Grants Program (Corridor Charging)*. This grant would provide funding for the installation and operation of a DCFC station (4-150 kW ports) on the island of Molokai, located just under one mile west of Route 450 (designated in 2016 as an Alternative Fuel Corridor).

Memoranda of Understanding with other agencies

HDOT is finalizing a memorandum of understanding (MOU) with the HECO and HSPLS to implement charging stations should we be successful in being awarded the grant. The Hawaii State Public Library System dates back to 1879 with the establishment of the Honolulu Library and Reading Room Association. Today, there are 51 library branches on six islands, which are dedicated to inspiring curiosity and creating opportunities for all to read, learn, and connect. As anchor institutions in the community, State Libraries connect the community to books, broadband, technology, community services, and programs that support learning from keiki (children) to kupuna (elders).

Interagency Working Group(s)

HDOT has also engaged in discussions with interagency working groups such as the Hawaiian Electric Company's (HECO) Electrification of Transportation (EoT) Strategic Roadmap and Drive Electric Hawaii. Hawaiian Electric's EoT is HECO's attempt to reach net zero carbon emissions by 2045 by working with the community to install public fast chargers, develop charging infrastructure pilots and create a time-of-use EV charging rate for commercial customers. Drive Electric Hawaii is a coalition of local government, private-sector, and nonprofit stakeholders interested in increasing awareness, knowledge and adoption of EVs in Hawaii.

Public Engagement

Community Engagement Outcomes Report

HDOT launched a survey thru its NEVI webpage in July 2023 that will run thru August 3, 2023. (<https://hidot.hawaii.gov/highways/hawaii-nevi-state-plan/>). The survey asks the public key questions about their EV charging and needs and expectations. The information collected from this survey will be presented to the public on August 15, 2023. Discussion and public input will help guide HDOT to implement the NEVI Plan and meet the community's EV charging needs.

Utility Engagement

On June 1, 2023, HDOT joined the Kauai Island Utility Cooperative (KIUC) and the County of Kauai to host a live webinar to discuss the EV charging installation process. The webinar was presented by the Blue Planet Foundation and shared information on the benefits of EVs, Hawaii's public charging network, and the benefits of installing EV chargers. The webinar also introduced the NEVI Plan and how it will affect the island of Kauai.

Over the past year, HECO has conducted numerous outreach activities and events to inform and educate the public on EV charging including attending energy conferences and meeting with stakeholders, as well as conducting their own energy workshops. **Roadmap 2.0 Stakeholder Engagement Workshops** were held in June across Oahu, Maui, and Hawaii Island. The purpose of these workshops was to obtain stakeholder input, including HDOT, on HECO's EoT's updated strategic roadmap.

HDOT continues to engage with both electrical utility providers (HECO and KIUC) as we move forward with implementation of our NEVI plan. Utility service requests have been submitted to HECO for the first two sites. We have also discussed with HECO any issues of long lead items such as transformers to ensure our schedule can be met or other options to mitigate long lead items. Our discussions with KIUC will ramp up as we look to move forward with a site on Kauai.

Site-Specific Public Engagement

Hawaii plans to install its first two NEVI stations by the end of December 2023. One on the island of Oahu at the Aloha Tower Marketplace and the second on the island Maui at the Puunene Park and Ride. News articles were posted in the Star Advertiser and Maui News informing the respective communities of the upcoming NEVI installations. Copies of the articles are provided in **Appendix A – Public Engagement**.

Plan Vision and Goals

The State of Hawaii’s commitment to strategically deploy electric vehicle charging infrastructure and establish an interconnected network to facilitate data collection and support the development of convenient, accessible, reliable, and equitable EV charging has been revised to adopt the following vision and goals:

Vision: The people of the State of Hawai’i have an accessible electric vehicle charging network of convenient, affordable, and safe charging stations that result in the transition of the majority of light-duty vehicles from internal combustion engines to electric vehicles by 2045.

Goal 1: To install eight (8) NEVI stations by the end of 2024.

Goal 2: To facilitate partnerships with public and private entities to deploy DC Fast Chargers to supplement NEVI-funded charging stations.

Goal 3: To identify 10 candidate sites for Community Charging facilities and install Level 2 charging stations by the end of Year 5.

HDOT is still aiming to meet a zero emissions clean economy by 2045 and mitigate greenhouse gas emissions produced within the State. However, HDOT has realized that its initial commitment to achieve “fully built out” certification by the end of Year 2 may not be possible due to clarifications for the NEVI program, availability of Buy America compliant chargers, costs for implementation of each site and approval of exceptions.

In the first year of the NEVI plan, HDOT ordered 32 NEVI compliant and Buy America compliant chargers. These 32 chargers will be used for the eight (8) sites identified in the initial NEVI plan, excluding the sites seeking an exception. In our initial discussions with suppliers, we anticipated receiving the chargers by the end of 2022. The delivery date has been updated a few times and the latest delivery date for the chargers is November 2023. HDOT is also in discussions with our supplier to phase the delivery to meet our implementation plan. Based on the phased Buy America requirements, chargers will be updated as the deadlines occur. In addition, charger connections are being updated as the North American Charging Standard is being adopted by EV manufacturers.

In our first layout of NEVI charging sites, we identified 12 locations to meet the 50 mile distance between chargers with one exception. After updating our layout of NEVI charging sites to meet the requirement of a charger located within 25 miles of an end point of a route, 3 additional sites will be needed.

At an estimated cost of \$3M per site, NEVI formula program funds of \$17.7M is insufficient for HDOT to reach “fully built out” certification. HDOT plans to supplement installation costs by

applying for NEVI grant funds, partnering with public and private entities or using other federal-aid program funds.

For this year's Plan, HDOT has listed a more attainable Goal 1, which is to install eight (8) NEVI stations by the end of 2024.

Contracting

HDOT will use three contracting strategies for implementation of the NEVI program. These strategies include:

- Utilize our existing Electric Vehicle and Charging Infrastructure Services contract with Sustainability Partners. Under this Service Contract the vendor will operate, maintain and install the charging stations. The chargers may be owned by HDOT or the vendor. The vendor will be responsible for meeting all State and Federal requirements. HDOT will pay a monthly service fee for the charging stations. The power for the charging stations may be directly billed to HDOT or be part of the service fee.
- Utilize the existing Electric Vehicle and Charging Infrastructure Services contract to purchase the charging station equipment. HDOT will utilize an indefinite delivery/indefinite quantity (IDIQ) contract to design the charging station, including NEPA clearance. HDOT will issue an IFB for construction and either include operation and maintenance in the IFB or issue a separate RFP for operation and maintenance. The power for the charging stations may be directly billed to HDOT or be part of the O&M contract.
- HDOT will issue a single RFP for design, build, operate and maintenance for one or more charging station locations. The power for the charging stations may be directly billed to HDOT or be part of the contract.

Status of Contracting Process

Under HDOT's existing service contract with Sustainability partners, Service Addenda has been issued to purchase 32 chargers and for preliminary engineering (PE1) for a NEVI site on the islands of Maui and Oahu. HDOT will be issuing Service Addenda for PE1 for NEVI sites on Kauai and Hawaii islands by the end of September 2023.

Awarded Contracts

HDOT awarded the IDIQ contract to Sustainability Partners in February 2020.

Scoring Methodologies Utilized

The proposals for HDOT's service contract were scored and evaluated on four criterion – Management Plan, Technical, Past Performance, Experience and Innovation and Price.

Plan for Compliance with Federal Requirements

The federal requirements are included in the Service Addenda issued for implementation of the NEVI program. The requirements have also been discussed with the contractor to ensure the requirements are understood. HDOT has also shared and discussed with our local FHWA Division office of our contracting method to ensure compliance.

Existing and Future Conditions Analysis

Alternative Fuel Corridor (AFC) Designations

Hawaii's Alternative Fuel Corridors remain unchanged. The State of Hawaii did not nominate any additional corridors during the latest Round 7 call for nominations.

Table 1: Ready and Pending Alternative Fuel Corridors, Electric Vehicles (as of July 2023)

Island	Interstate/Route	AFC Round	Status
Hawaii	HI-11	2	Pending
Hawaii	HI-19	2	Ready
Hawaii	HI-130	2	Pending
Hawaii	HI-190	2	Ready
Hawaii	HI-200	2	Pending
Hawaii	HI-250	2	Pending
Hawaii	HI-270	2	Pending
Maui	HI-30	1	Pending
Maui	HI-31	1	Ready
Maui	HI-32	1	Ready
Maui	HI-36	1	Pending
Maui	HI-37	1	Ready
Maui	HI-360	1	Pending
Maui	HI-3400	1	Pending
Lanai	HI-440	1	Pending
Molokai	HI-450	1	Pending
Oahu	H-1	1	Ready
Oahu	H-2	1	Ready
Oahu	H-3	1	Ready
Oahu	HI-61	1	Pending
Oahu	HI-72	1	Pending
Oahu	HI-83	1	Pending
Oahu	HI-93	1	Pending
Oahu	HI-99	1	Ready
Kauai	HI-50	5	Pending
Kauai	HI-56	5	Pending
Kauai	HI-560	5	Pending

Figure 1: Ready and Pending Alternative Fuel Corridors, Electric Vehicles



Existing Charging Stations

As of July 21, 2023, there are 367 electric vehicle charging locations and 850 EV supply equipment (EVSE) ports that provide DC Fast or Level 2 charging across the State of Hawaii. A complete listing of the locations is provided in **Appendix B – Existing Charging Infrastructure**.

A significant majority of the existing charging locations are along the designated AFCs, as depicted in Figures 2 through 5 below.

Figure 2: Existing Chargers on Alternative Fuel Corridors, Hawaii Island



Figure 3: Existing Chargers on Alternative Fuel Corridors, Maui County

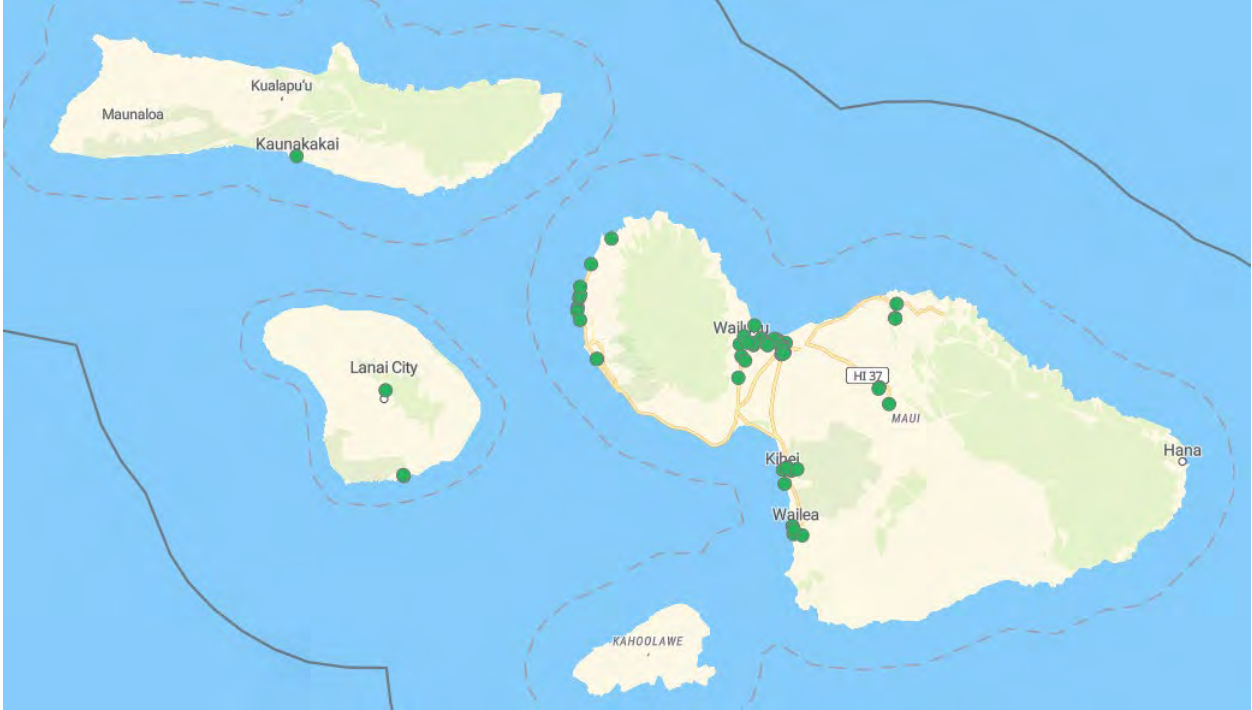


Figure 4: Existing Chargers on Alternative Fuel Corridors, Oahu

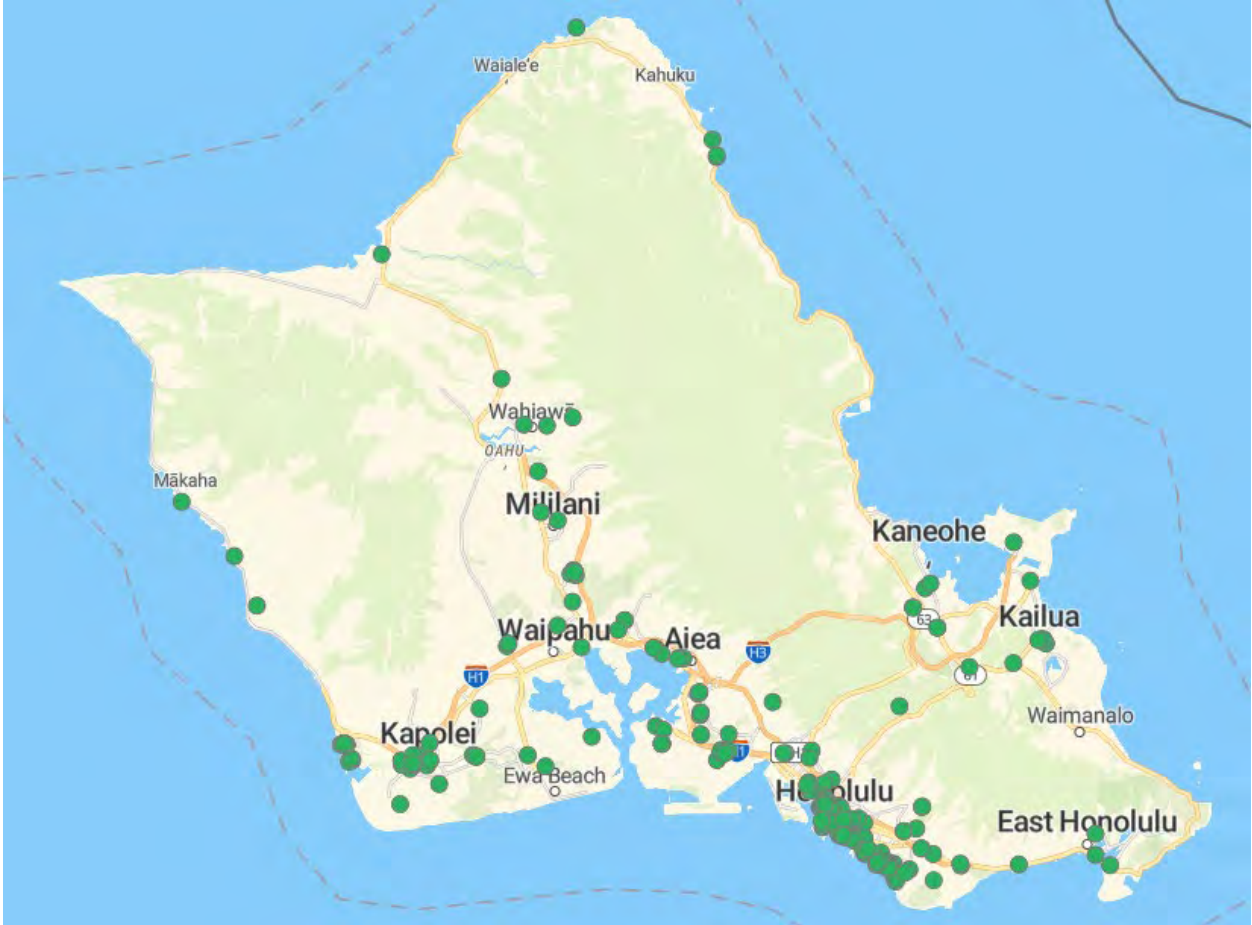
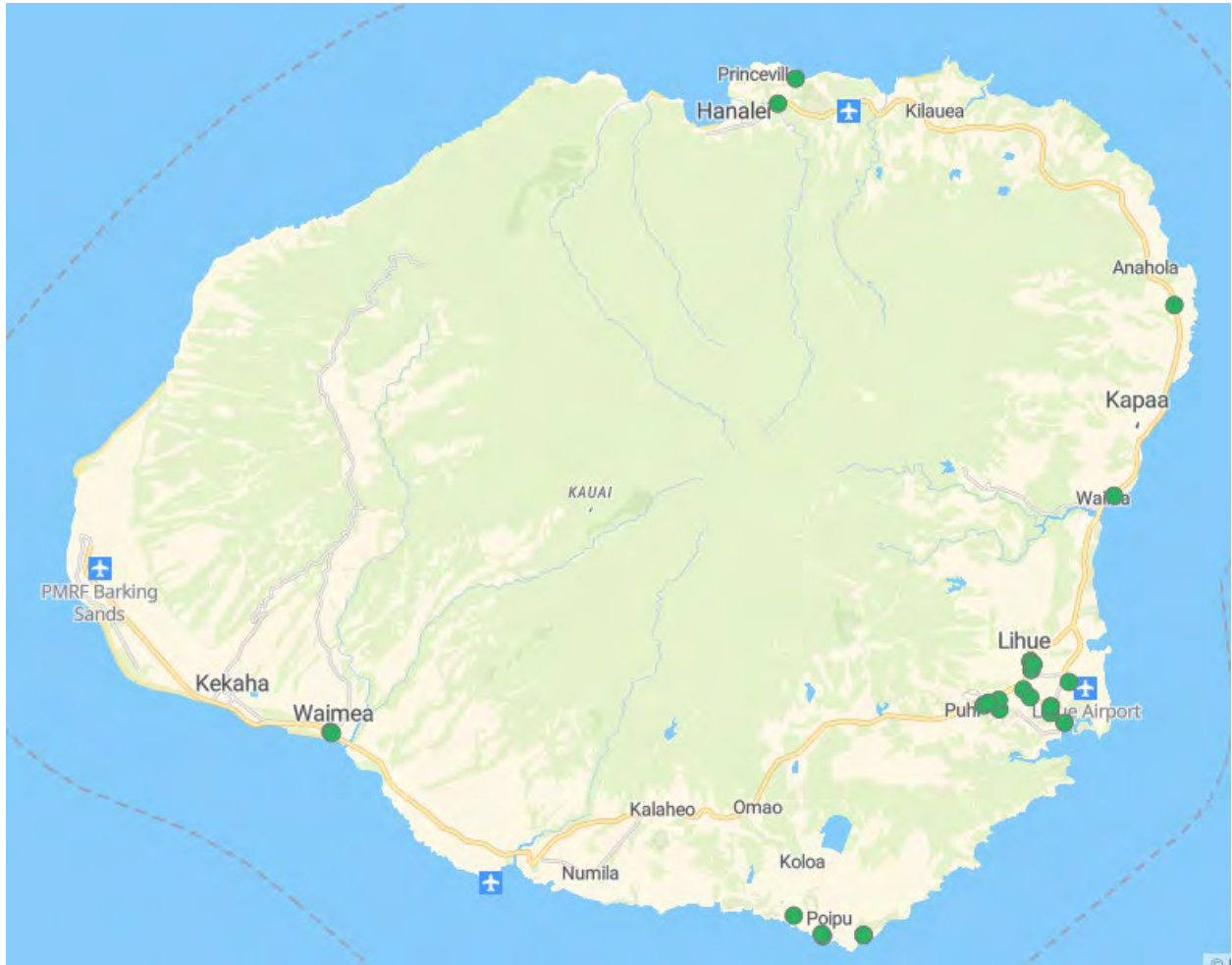


Figure 5: Existing Chargers on Alternative Fuel Corridors, Kauai



EV Charging Infrastructure Deployment

The first phase of the NEVI program requires that fast charging facilities must be installed at 50-mile intervals along and within one-mile of all interstates and designated AFCs. HDOT now understands that a fast charging facility must also be installed within 25-miles of an endpoint of an AFC. Thus, HDOT will now need to install fifteen (15) charging stations along interstates and designated AFCs to satisfy the NEVI fully built out requirements.

To meet this requirement, additional fast charging facilities will be installed in Central Oahu, West Maui, and South Kauai. Each of these three stations are located within 25-miles of an AFC endpoint. An updated list of charging stations is shown in Table 2 below.

Now that HDOT is aware of the NEVI funding and supply chain risks, HDOT expects it will only be able to install and begin operating eight (8) charging stations by the end of December 2024 to achieve Goal 1 of this updated State Plan. HDOT's existing contract with Sustainability

Partners will serve as a critical advantage in expediting implementation since the procurement and contracting phase is already complete.

The first two sites are under design and anticipate to be operational by the end of 2023. Two additional sites will start design by the end of September 2023 and anticipate to be operational in the Spring of 2024.

The remaining sites will start design in early 2024 and anticipate to be operational by end of 2024. HDOT also expects to receive confirmation of the CFI grant application awards by the end of 2023 and will include the installations in future updates to our NEVI plan.

Figure 6: FY 2023 NEVI Planned Deployment – Hawaii Island (Approximate location of planned charging sites shown in yellow dashed circles; locations for deployment exceptions shown in red dashed circle)

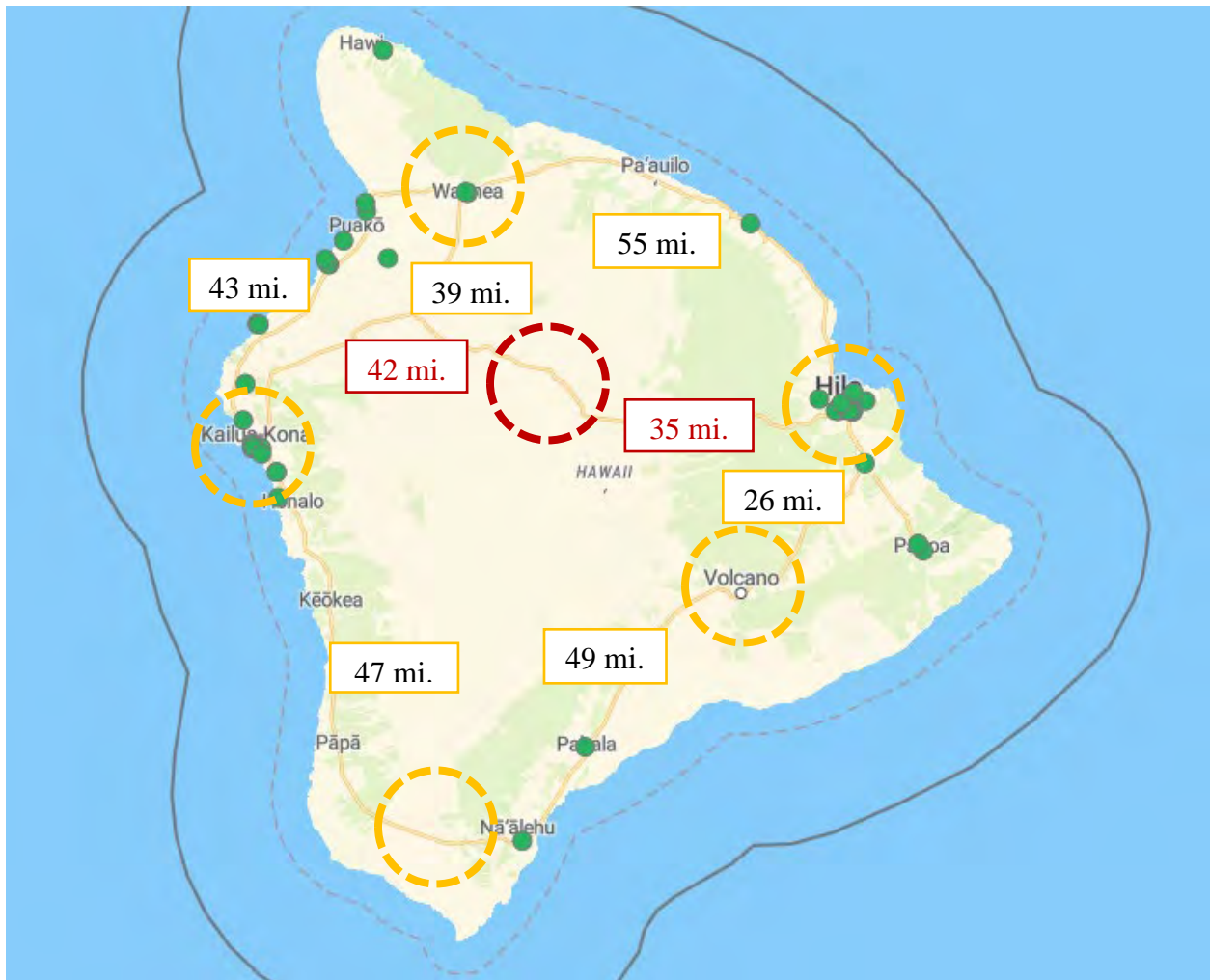


Figure 7: FY 2023 NEVI Planned Deployment – County of Maui (Approximate location of planned charging site shown in yellow dashed circles; locations for deployment exceptions shown in red dashed circles)

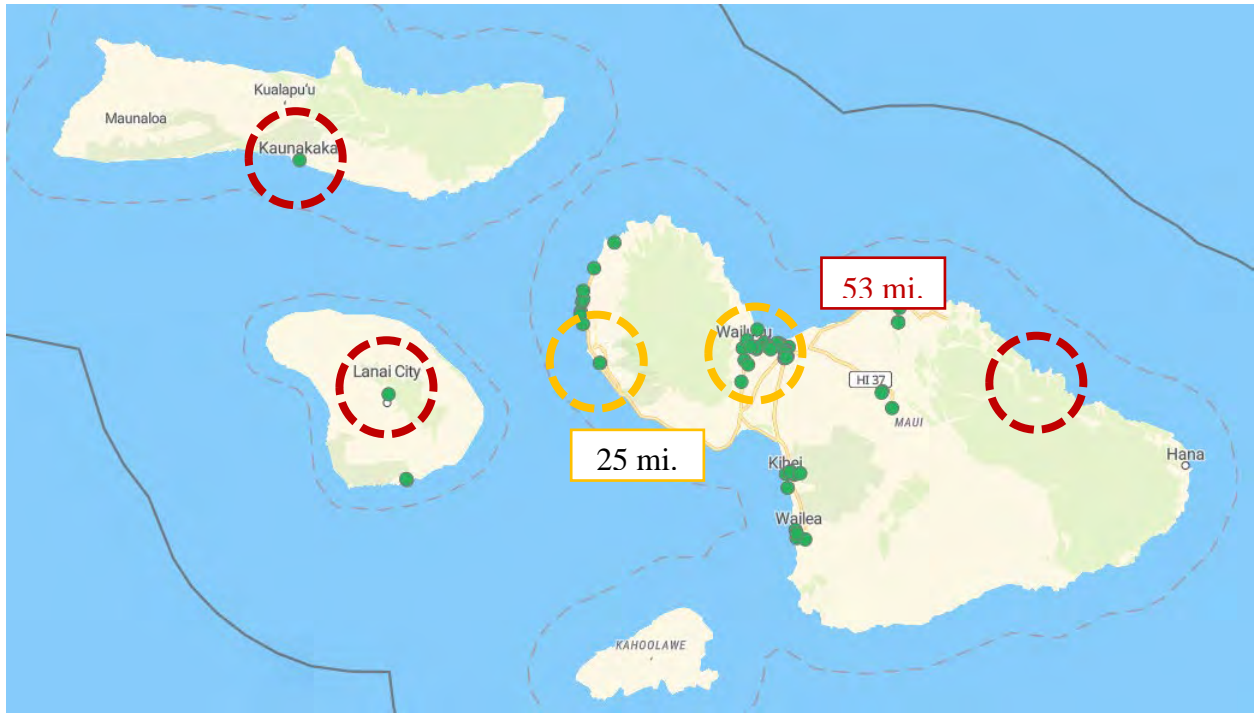


Figure 8: FY 2023 NEVI Planned Deployment – Oahu (Approximate location of planned charging sites shown in yellow dashed circles)

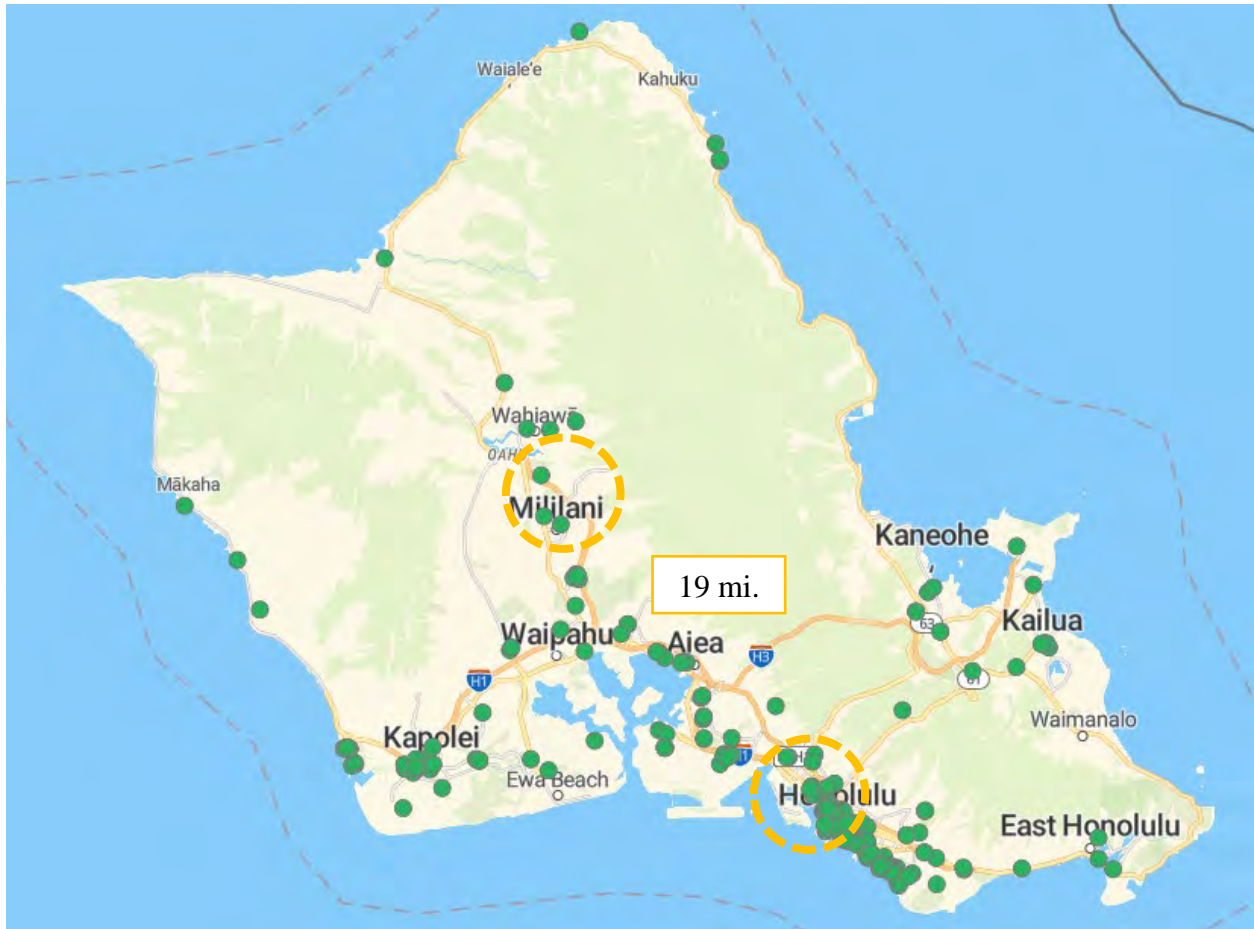
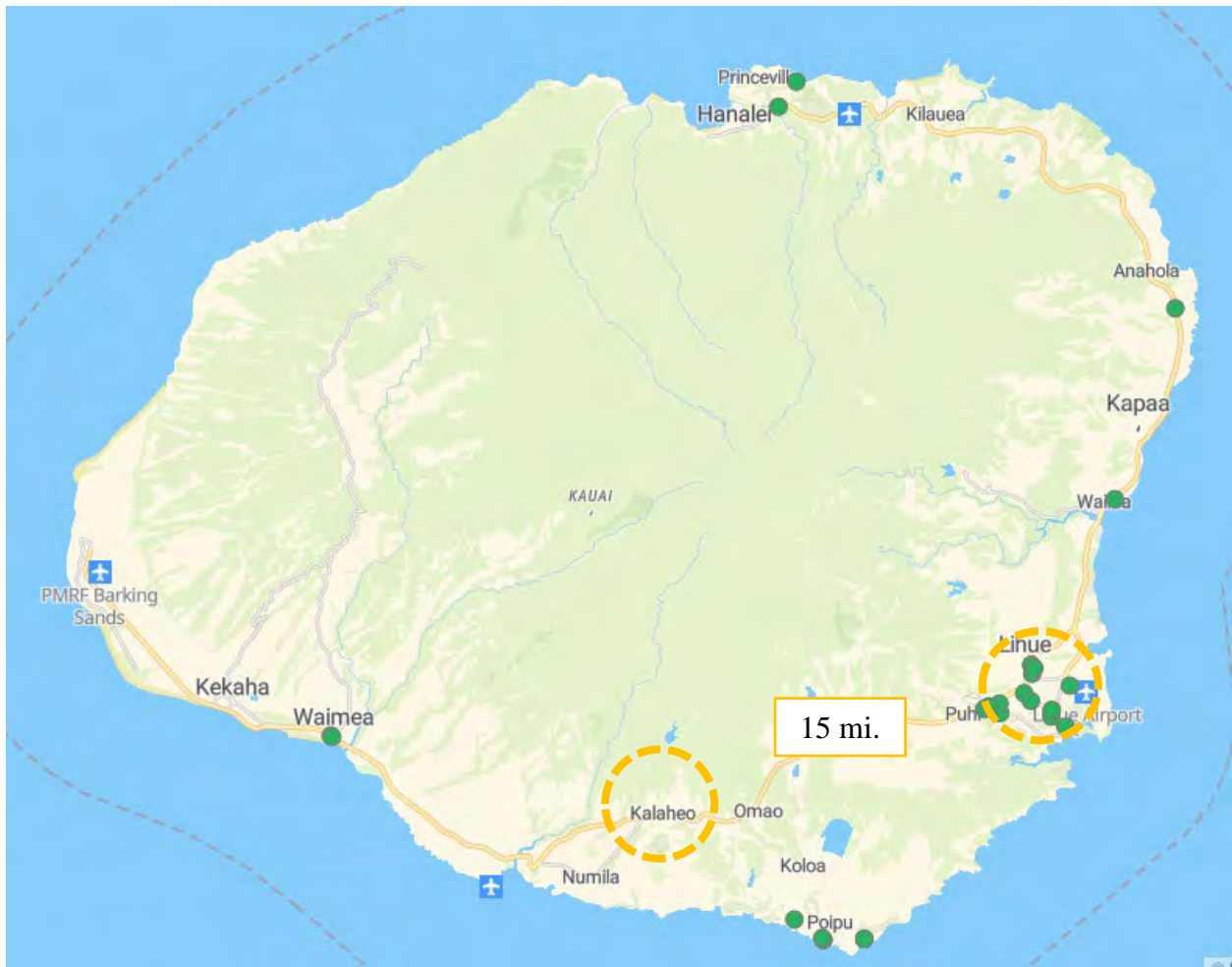


Figure 9: FY 2023 NEVI Planned Deployment – Kauai (Approximate location of planned charging sites shown in yellow dashed circles)



Planned Charging Stations

Planned Stations

State EV Charging Location Unique ID	Route (note if AFC)	Location (street address, if known)	Number of Ports	Estimated Year Operational	Estimated Cost	NEVI Funding Sources (Choose No NEVI, FY22/FY23, FY24, FY25, FY26, or FY27+)	New Location or Upgrade?
NEVI1	HI-19	Hilo, Hawaii	4	2024	\$3.5M	FY22-FY26	New
NEVI2	HI-19	Waimea, Hawaii	4	2024	\$3.5M	FY22-FY26	New
NEVI3	HI-19	Kona, Hawaii	4	2024	\$3.5M	FY22-FY26	New
NEVI4	HI-11	Oceanview, Hawaii	4	2024	\$3.5M	FY27+	New
NEVI5	HI-11	Volcano, Hawaii	4	2024	\$3.5M	FY27+	New
NEVI6	HI-36	Wailuku, Maui	4	2023	\$3.5M	FY22-FY26	New
NEVI7	H-1	Honolulu, Oahu	4	2023	\$3.5M	FY22-FY26	New
NEVI8	HI-56	Lihue, Kauai	4	2024	\$3.5M	FY22-FY26	New
NEVI9	HI-2	Mililani, Oahu	4	2024	\$3.5M	FY27+	New
NEVI10	HI-30	Lahaina, Maui	4	2024	\$3.5M	FY27+	New
NEVI11	HI-50	Kalaheo, Kauai	4	2024	\$3.5M	FY27+	New

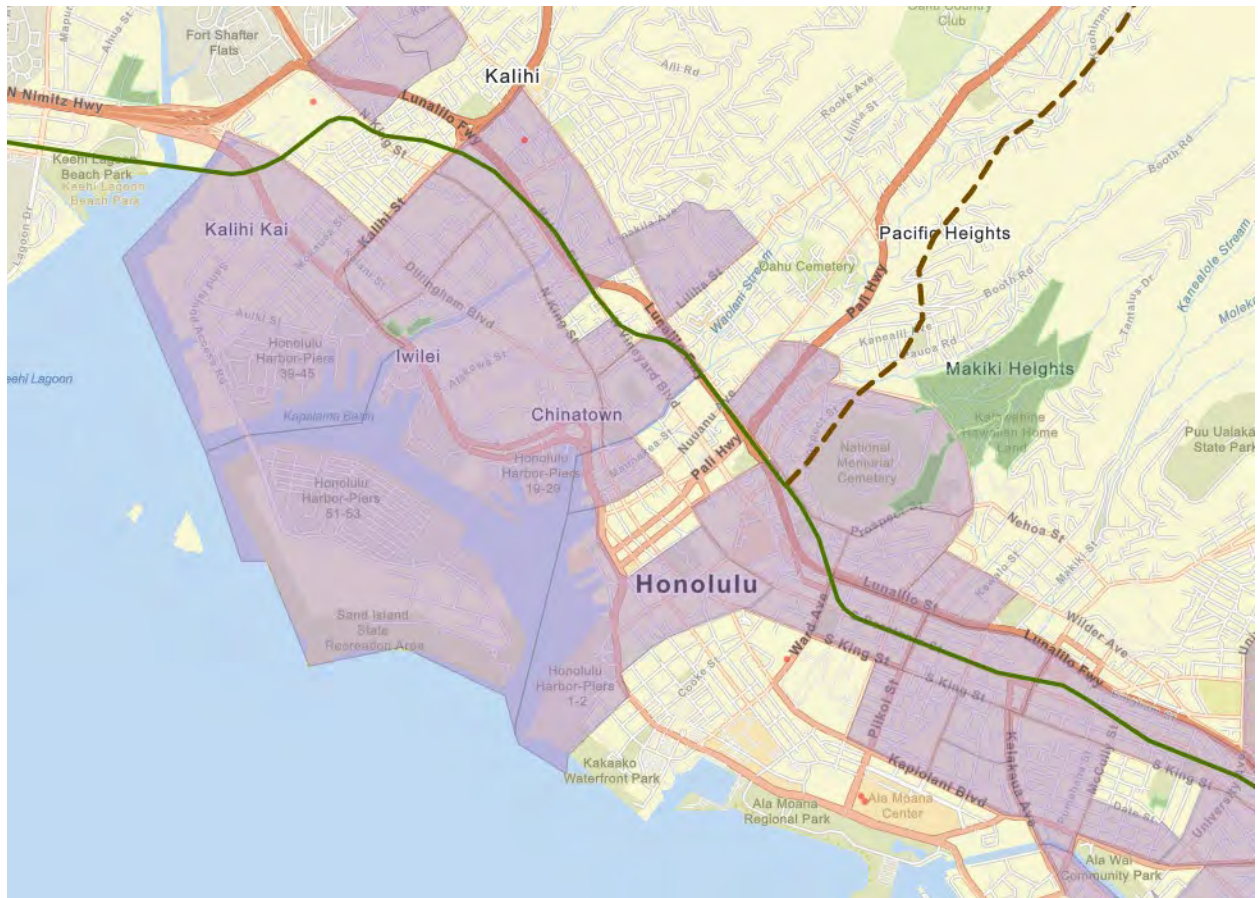
Equity Considerations

Identification and Outreach to Disadvantaged Communities (DACs) in the State

Equity and delivery of benefits to disadvantaged communities (DACs) continues to be a driving factor in the development of this State Plan. The first two NEVI stations that HDOT plans to install are located within designated DACs. DACs are identified in Figures 6 and 7 below and are shaded in purple.

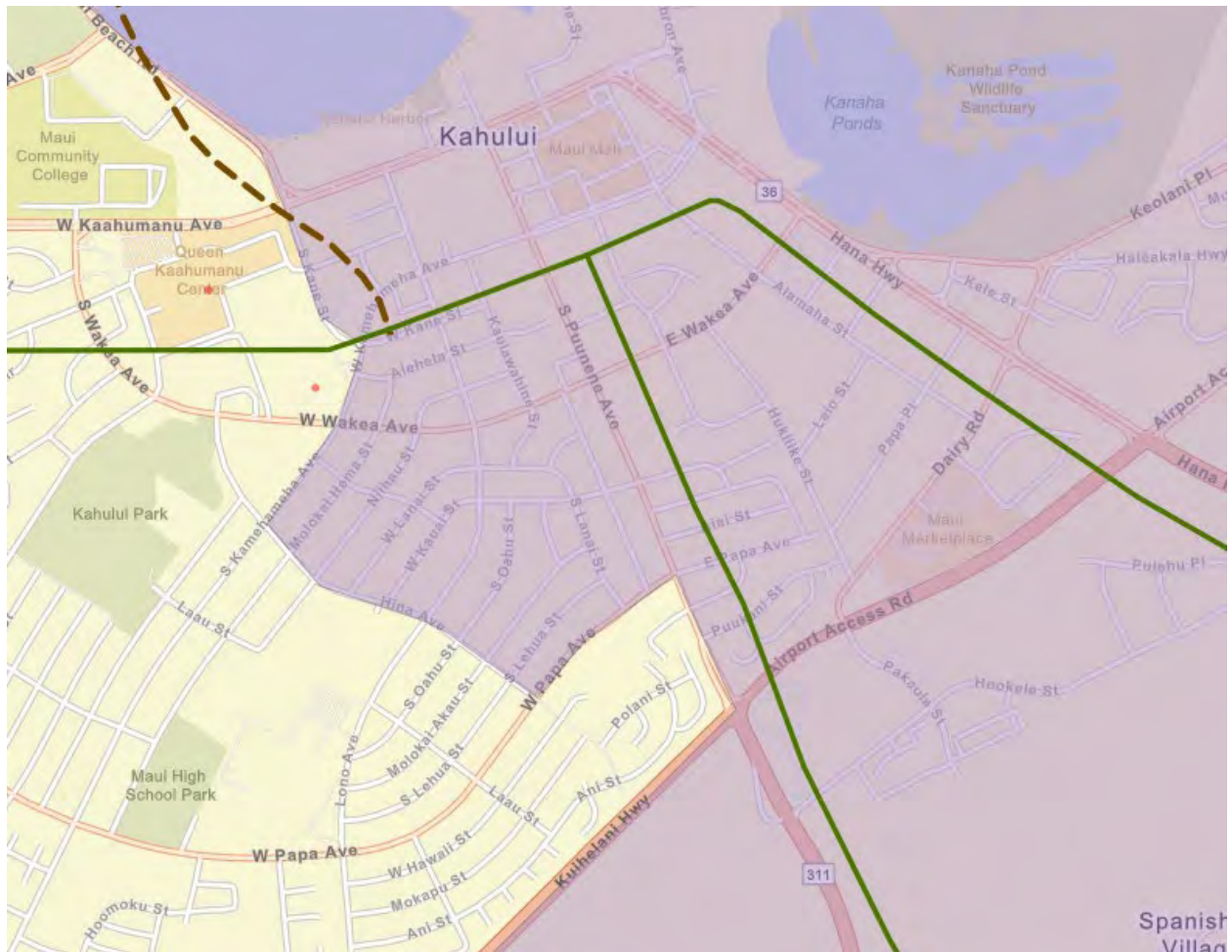
HDOT is still committed to installing one NEVI-compliant charging station or a Community Charging facility in at least one DAC on each island by the end of 2024.

Figure 6: Disadvantaged Community, Honolulu, Oahu



Source: Electric Vehicle Charging Justice40 Map

Figure 6: Disadvantaged Community, Kahului, Maui



Source: Electric Vehicle Charging Justice40 Map

Process to Identify, Quantify, and Measure Benefits to DACs

Benefits Category (examples)	Strategy for Tracking Benefits (Metrics, Baseline, Goals, Data Collection & Analysis Approach, Community Validation)
Improve clean transportation access through the location of chargers;	Quarterly surveys to collect information and community feedback on NEVI charger locations and usage.
Decrease the transportation energy cost burden by enabling reliable access to affordable charging;	Public will only be charged for electricity costs. Not installation, operation and maintenance costs. A flat rate or time of use pricing will be implemented based on community feedback.
Reduce environmental exposures to transportation emissions;	EV adoption rate will be tracked to determine effects on exposure and emissions
Increase access to low-cost capital to increase equitable adoption of more costly, clean energy technologies like EVs and EV chargers;	Partner with utility providers and/or private industry to apply for federal grants
Provide charging infrastructure for transit and shared-ride vehicles;	Annual audit of shared-ride vehicles' registration

Labor and Workforce Considerations

The State's contractor, Sustainability Partners (SP), will utilize contractors with appropriate licenses, certifications, and training. Installing contractors are sourced locally (by county) whenever possible, to ensure equitable representation of local diversity in the project workforce. These installation practices include using at least one state-qualified electrician who possesses a certification from the Electric Vehicle Infrastructure Training Program (EVITP) for each NEVI installation project. Further, this practice also extends to the workforce maintaining the chargers and related systems to ensure that the installation and maintenance of the chargers are performed safely by a qualified and increasingly diverse workforce of licensed technicians and other laborers.

Physical Security & Cybersecurity

HDOT will work with its contractor, Sustainability Partners, to ensure the charging stations and facilities installed under this State Plan have sufficient safeguards including, but not limited to, secure communications for processing payments, payment card industry compliance, remote asset monitoring, secure remote software updates, intrusion and malware detection, event logging and reporting, tamper-proof solutions, and the ability to take a charger offline in the event of a compromise.

Hardware and software vendors (National Car Charging, EV Connect and Tritium) will provide significant design-implemented safeguards for cybersecurity requirements in compliance with NCHRP 20-124 and 23 CFR 680.

Physical security features at each site will include safety-oriented site lighting, remote surveillance devices, highly public and roadway visibility (by design), and other/adaptive safety strategies as needed.

The Aloha Tower Marketplace NEVI Station is within walking distance to downtown Honolulu, shops and restaurants. It also has 24 hour private security presence and Harbor Police who regularly patrol the area. The Puunene Park and Ride site is located along a State highway which provides full visibility of the EV chargers. HDOT also plans to install monitoring cameras at this location.

Program Evaluation

HDOT will be using Tritium hardware with an EV Connect networking platform. EV Connect, as one of the most established networking providers in the United States, has been an active participant in the development of the EV-Chart protocols in cooperation with the Joint Office. As such, EV Connect is able and planning to supply the data required by the Joint Office under Section 680.112 and is also regularly adapting that data delivery capability as the Joint Office requirements evolve.

Discretionary Exceptions

HDOT seeks exceptions for five (5) of fifteen stations due to limited power availability and grid capacity. See **Appendix C – State EV Deployment Plan Exception Requests**.

Table 3: Summary of Planned NEVI Charging Stations (as of July 2023)

Island	Required Stations	Requested Exceptions	Exception Location	Charging Station Locations
Hawaii	6	2	Saddle Road	Hilo, Waimea, Kona, Oceanview, Volcano
Maui	3	1	Hana	Kahului, Lahaina
Lanai	1	1	Lanai City*	N/A
Molokai	1	1	Kaunakakai*	N/A
Oahu	2	0	N/A	Honolulu, Mililani
Kauai	2	0	N/A	Lihue, Kalaheo
TOTAL	15	5		

** - These locations are where HDOT would recommend installation of a charging station, but notes there are various locations on the island that would satisfy the requirements.*

Waimea is the natural mid-point in North Hawaii Island between Hilo and Kona, and is a suitable location for a charging site when considering convenience, safety, geography, and power availability. However, ideal locations for the charging station are approximately 55 miles along Route 19 from Hilo. HDOT seeks an exception for the five-mile variance for this station.

The Daniel K. Inouye Highway on Hawaii Island, also known as Saddle Road or Route 200, runs

through the center of the island and also connects Hilo and Kona. The AFC along this route measures 77.4 miles. HDOT evaluated locations along this corridor for a charging site, but identified limited grid capacity. Photovoltaic panels to supply power are also infeasible. HDOT seeks an exception for this corridor and will plan to install a Level 2 charging station here.

HDOT will install a charging station on the island of Maui in a park and ride lot owned and controlled by HDOT located in Kahului. The terminus of the Route 360 Pending Corridor is 53 miles from the park and ride lot. HDOT seeks an exception to installing a fast charging facility within 25-miles of an endpoint of an AFC due to the limited power availability along this route. HDOT also considered that there is no suitable location along the route for a charging station; there are very narrow shoulder areas along the highway that are not safe for vehicles to pull into to charge. HDOT has since confirmed that the area nearest Route 360 with sufficient power availability is in Haiku, approximately 15 miles from the park and ride lot and 39 miles from Hana.

HDOT also seeks exceptions for the islands of Molokai and Lanai. The limited grid capacity on Molokai that serves its population of 7,345 cannot support a 600 kW charging station that would require nearly one-third of the island's current power demand. This is also the case for the island of Lanai and its population of 3,135. In place of a 600 kW charging station, HDOT will install Level 2 charging stations to meet the charging demands on both islands.

Appendix A: Public Engagement

Since the acceptance of the Year 1 plan in September 2022, HDOT has continued public engagement activities through transportation electrification stakeholders, earned media, the state NEVI plan website, social media, and direct communications to interested individuals. More information on these activities follows below:

Website

The approved state plan, amendments and general information on Hawaii's NEVI implementation has been live at <https://hidot.hawaii.gov/highways/hawaii-nevi-state-plan/> since August 2022. Individuals with questions on the plan can contact HDOT through the public affairs office. To date, there have been 23 emails received in the general email box and one phone caller from the island of Molokai.

News Releases

HDOT maintains a statewide distribution list of over 54,200 emails and sends regular notices on department activities and initiatives that may impact the people living in the State of Hawaii. HDOT sent out two news releases on its NEVI implementation, one when the Year 1 plan was approved by the Joint Office and one when the first NEVI sites were confirmed.

- September 29, 2022 - <https://hidot.hawaii.gov/highways/hdot-announces-implementation-of-electric-vehicle-infrastructure-state-plan/>
- July 27, 2023 - <https://hidot.hawaii.gov/administration/first-nevi-charging-sites-selected/>

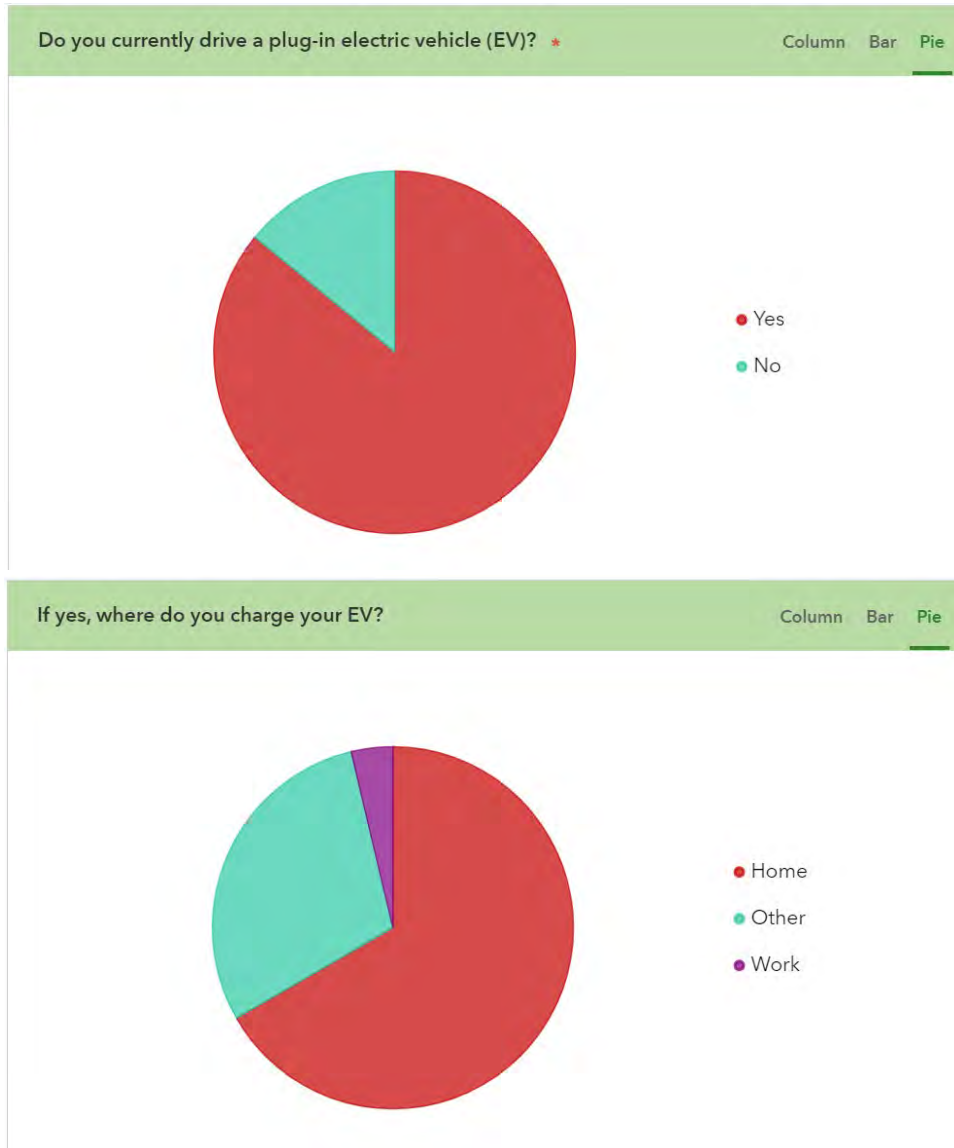
News Conferences

To amplify the information available on HDOT's NEVI activities, HDOT held two news conferences. The first news conference on October 3, 2022, highlighted the plan approval from the Joint Office and served as a question-and-answer opportunity for local media. The second news conference was held in conjunction with officials from the White House, the Joint Office of Energy and Transportation and partners from Tritium, Sustainability Partners and National Car Charging. This news conference detailed the selection and order of the first 32 NEVI charging ports for Hawaii. Select news stories from these news conferences are linked:

- October 3, 2022 - <https://www.khon2.com/local-news/dot-plan-to-install-electric-vehicle-charging-stations/>
- July 11, 2023 - <https://www.staradvertiser.com/2023/07/11/breaking-news/hawaii-to-deploy-federally-funded-ev-charging-stations/>

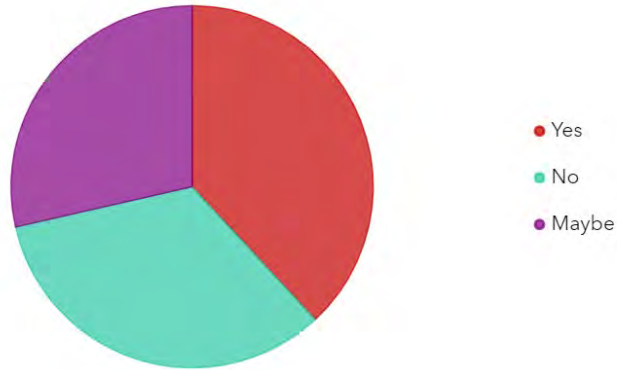
Survey

On July 27, 2023, HDOT began collecting responses on a survey to determine potential use for NEVI charging infrastructure and other details on features considered important to EV drivers and potential EV drivers. The survey is open at <https://arcg.is/HPbC80> through August 17, 2023. As of July 31, 2023, there have been 64 responses to the survey. Preliminary sample of the survey data follows.



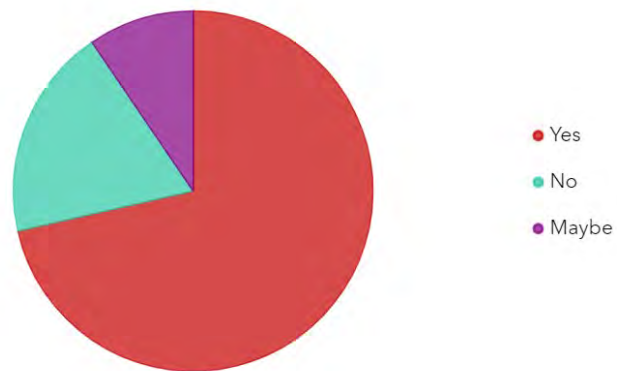
If no, are you planning to buy or lease an EV within the next 12 months?

Column Bar Pie



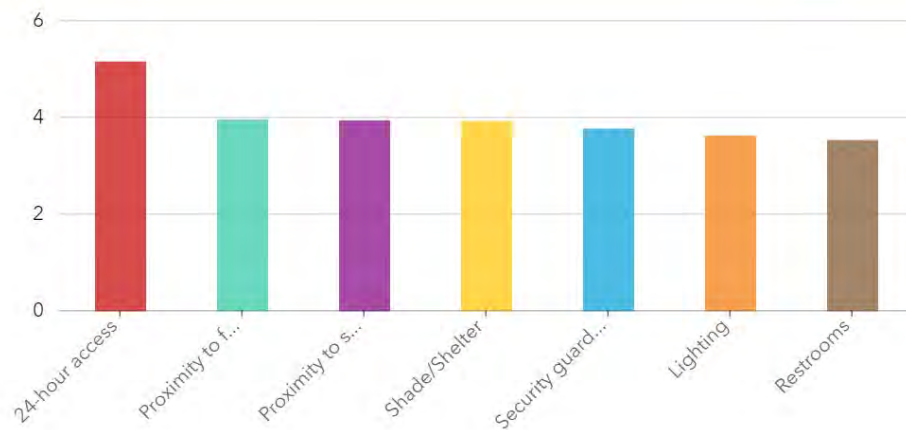
If no, would having access to an EV charging station at one of the planned...

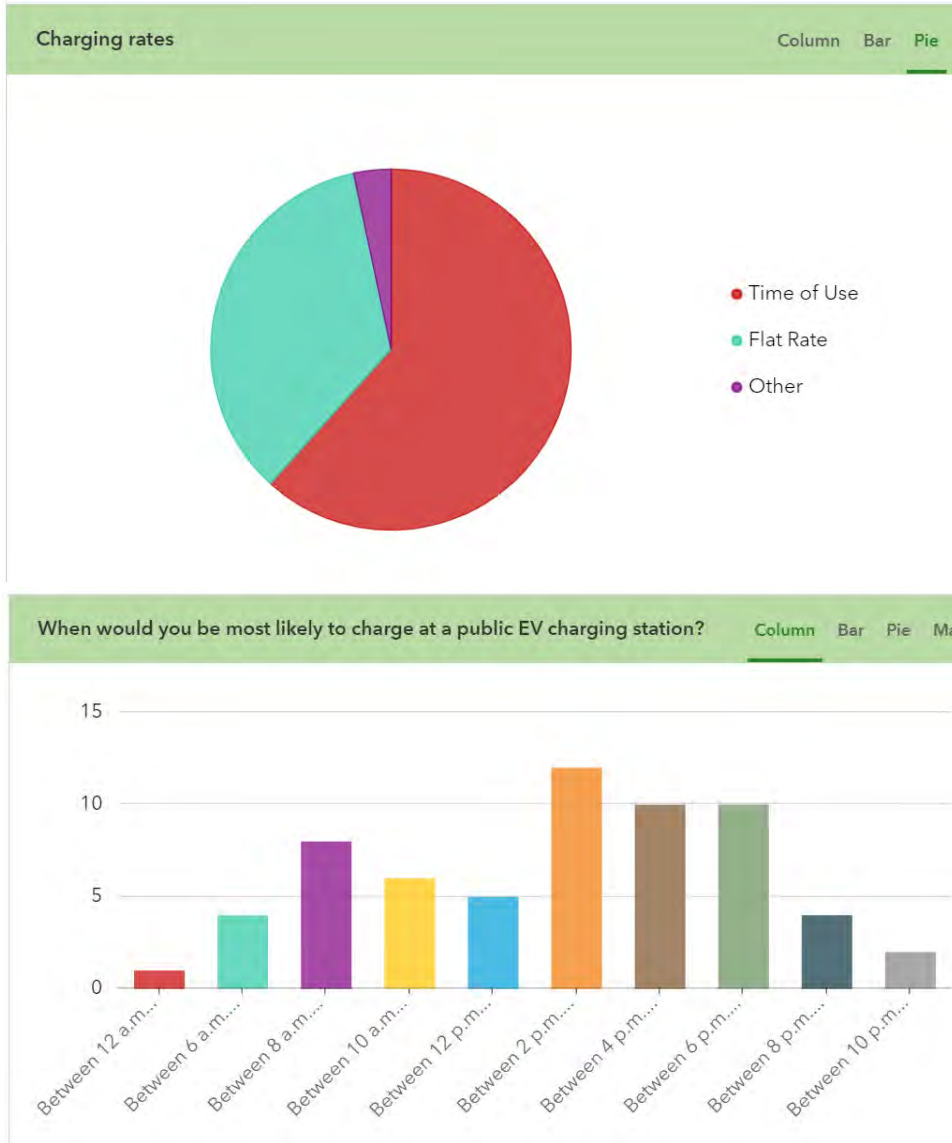
Column Bar Pie



Please rank the following features of public EV charging sites in order of...

Column Bar





Public Meeting

HDOT plans to hold a virtual public meeting to present the survey results once the survey period ends. Additional meetings will be held to provide information for the first sites once construction has been scheduled. The site-specific meetings will let interested drivers and the surrounding communities know what to expect and when the sites will be ready for use.

Stakeholder Engagement

HDOT continues to exchange information with the island utilities, the Hawaii State Energy Office, and advocacy groups such as Drive Electric Hawaii. Recent presentations to stakeholders include:

- January 12, 2023 – Hawaii Energy Policy Forum <https://energy.hawaii.gov/20th-anniversary-of-the-hawaii-energy-policy-forum-hawaii-climate-week/>

- March 10, 2023 – Presentation to Women in Renewable Energy forum
<https://hawaiiwire.org/wire-breakfast-electric-transportation-in-hawaii/>

Public Engagement Conclusion

HDOT's goal with its public engagement strategy is to ensure the expedient deployment of NEVI compliant chargers while empowering the drivers that would potentially use the sites.

Appendix B – Existing Charging Infrastructure

ID	Station Name	Street Address	City	EV Level2 EVSE Num	EV DC Fast Count	EV Network	Meets all relevant requirements in 23 CFR 680?	Intent to count towards Fully Built Out determination?
39995	New City Nissan	2295 N King St	Honolulu	2		Non-Networked	No	No
39996	Jim Falk Motors - Maui	260 Hana Hwy	Kahului	1		Non-Networked	No	No
39997	King Windward Nissan	45-568 Kamehameha Hwy	Kaneohe	1	1	Non-Networked	No	No
39998	Tony Nissan	94-1299 Ka Uka Blvd	Waipahu	2		Non-Networked	No	No
41987	Sheraton Waikiki	2255 Kalakaua Avenue	Honolulu	12		OpConnect	No	No
42382	Embassy Suites Hotel - Waikiki Beach Walk	201 Beach Walk St	Honolulu	1		Non-Networked	No	No
42384	Ohana Waikiki East	150 Kaiulani Ave	Honolulu	2		Non-Networked	No	No
42705	Marriott - Wailea Beach	3700 Wailea Alanui Dr	Kihei	2		Non-Networked	No	No
45924	Pearlridge Shopping Center	98-1005 Moanalua Rd # 414	Aiea	4		Volta	No	No
45926	Ala Moana Hotel	410 Atkinson Dr	Honolulu	4		Non-Networked	No	No
45930	Central Pacific Plaza	220 South King Street	Honolulu	4		OpConnect	No	No
45932	Hawaii Prince Golf Club	91-1200 Fort Weaver Rd.	Ewa Beach	2		OpConnect	No	No
45933	HMSA Center	818 Keeaumoku Street	Honolulu	8		OpConnect	No	No
45934	Hawaii Prince Hotel, Waikiki	100 Holomoana St	Honolulu	8		OpConnect	No	No
45935	Hilton Hawaiian Village	2003 Kalia Rd	Honolulu	8		OpConnect	No	No
45937	Waikiki Beachcomber by Outrigger	2300 Kalakaua Ave	Honolulu	2		Non-Networked	No	No
45938	Kahala Mall	4211 Waialae Ave	Honolulu	2		Volta	No	No
45939	Kaimuki Shopping Center	3221 Waialae Ave	Honolulu	2		Non-Networked	No	No
45941	Kapolei Commons	4450 Kapolei Parkway	Kapolei	2		OpConnect	No	No
45943	Mark's Garage Honolulu HI	22 S. Pauahi St	Honolulu	2		OpConnect	No	No
45945	Ohana Honolulu Airport Hotel	3401 N Nimitz Hwy	Honolulu	2		Non-Networked	No	No
45946	Ohana Waikiki Malia	2211 Kuhio Ave	Honolulu	2		Non-Networked	No	No
45947	Ohana Waikiki West	2330 Kuhio Ave	Honolulu	1		Non-Networked	No	No
45948	Outrigger Reef	2169 Kalia Rd	Honolulu	1		Non-Networked	No	No
45949	Outrigger Waikiki	2335 Kalakaua Ave	Honolulu	1		Non-Networked	No	No
45950	Ross & Pagoda Hotel Garage	711 Keeaumoku St	Honolulu	1		Non-Networked	No	No
45951	Stadium Marketplace	4561 Salt Lake Blvd	Honolulu	4		OpConnect	No	No
45952	Topa Financial Center	745 Fort St	Honolulu	4		OpConnect	No	No
45955	HawaiiUSA Federal Credit Union	1226 College Walk	Honolulu	4		OpConnect	No	No
45956	Waikiki Galleria Tower	2222 Kalakaua Ave	Honolulu	3		Non-Networked	No	No
45959	Kahana Gateway Retail	4405 Honoapiilani Hwy	Lahaina	4		OpConnect	No	No
45960	Turtle Bay Resort Hawaii	57-091 Kamehameha Hwy	Kahuku	12		OpConnect	No	No
45964	Four Seasons Resort Hualalai	72-100 Kaupulehu Drive	Kailua-Kona	4		OpConnect	No	No
45965	Kona Commons	74-5450 Makala Blvd.	Kailua-Kona	4		OpConnect	No	No
45970	Kihei Town Center	1881 South Kihei Road	Kihei	4		OpConnect	No	No
45971	Westin Hapuna Beach Hotel	62-100 Kauan'oa Dr	Kohala	8		OpConnect	No	No
45972	Mauna Kea Beach Hotel	62-100 Mauna Kea Beach Dr	Kohala	8		OpConnect	No	No
45973	Marriott - Waiohai Beach Club	2249 Poipu Rd	Koloa	3		Non-Networked	No	No
45975	Sheraton Maui Resort & Spa	2605 Ka'anapali Parkway	Lahaina	8		OpConnect	No	No
45980	Kauai Marriott Resort & Beach Club	3610 Rice St	Lihue	2		Non-Networked	No	No
45981	Kuhio Nissan	3039 Aukele St	Lihue	1		Non-Networked	No	No
45984	Moanalua Shopping Center	930 Valkenburgh St	Honolulu	4		OpConnect	No	No
45985	Princeville Shopping Center	5-4280 Kuhio Hwy	Princeville	2		Non-Networked	No	No
45986	Westin Princeville Resort	3838 Wyllye Rd	Princeville	4		ChargePoint Network	No	No

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45988	Four Seasons Resort, Wailea	3900 Wailea Alanui Dr	Wailea	5		OpConnect	No	No
45990	Maui Memorial Medical Center	221 Mahalani St	Wailuku	2		Non-Networked	No	No
45991	Kaiser Waipio Clinic Hawaii	94-1480 Moaniani St	Waipahu	3		OpConnect	No	No
46498	Best Western - Plaza Hotel	3253 N Nimitz Hwy	Honolulu	2		Non-Networked	No	No
46501	C&C HONOLULU FASI CIVIC CTR	650 S. King Street	Honolulu	2		ChargePoint Network	No	No
46503	Hilton - Waikiki Beach	2500 Kuhio Ave	Honolulu	2		Non-Networked	No	No
46775	Queen's Physician Office Building	1380 Lusitana St	Honolulu	2		Non-Networked	No	No
46776	Sheraton Waikiki	2255 Kalakaua Avenue	Honolulu	12		OpConnect	No	No
46787	Lihue Civic Center - Piikoi Building - Public Access	4444 Rice St	Lihue	18		Non-Networked	No	No
49001	Hilo International Airport	2450 Kekuanaoa St	Hilo	1		Non-Networked	No	No
49002	University of Hawaii Hilo	200 W Kawaili St	Hilo	2		Non-Networked	No	No
49007	Honolulu International Airport	300 Rodgers Blvd	Honolulu	2		Non-Networked	No	No
49009	Waikiki Sand Villa	2375 Ala Wai Blvd	Honolulu	1		Non-Networked	No	No
49014	Kailua Town Center	609 Kailua Rd	Kailua	3		Volta	No	No
49017	Maui Nui Golf Club	1345 Piilani Hwy	Kihei	1		Non-Networked	No	No
49019	Four Seasons Resort at Manele Bay	1 Manele Bay Rd	Lanai City	1		Non-Networked	No	No
49020	Lihue Airport	3901 Mokulele Loop	Lihue	2		Non-Networked	No	No
49021	Maui County Building	200 S High St	Wailuku	1	2	Non-Networked	No	No
50067	Davies Pacific Center	841 Bishop St	Honolulu	1		Non-Networked	No	No
50069	Water Front Plaza	500 Ala Moana Blvd	Honolulu	3		Non-Networked	No	No
51523	Dole Cannery	753 Iwilei Rd	Honolulu	1		Non-Networked	No	No
51526	Koko Marina Center	7192 Kalaniana'ole Hwy	Honolulu	2		Volta	No	No
51529	Fairmont Orchid	1 N Kaniuku Dr	Kamuela	2		Non-Networked	No	No
51530	Ko'olina Beach Resort	92-159 Waipahe Pl	Kapolei	6		Non-Networked	No	No
51532	Marriott - Kauai Lagoons	3325 Holokawelu Way	Lihue	1		Non-Networked	No	No
52308	Kahekili Beach Park	65 Kai Ala Dr	Lahaina	1		OpConnect	No	No
52309	King's Shops	250 Waikoloa Beach Dr	Waikoloa	2		OpConnect	No	No
61222	Home Depot	380 Makaala St	Hilo	1		Non-Networked	No	No
61223	Waikoloa Marriott	69-275 Waikoloa Beach Dr	Waikoloa	2		Non-Networked	No	No
61225	Wilcox Memorial Hospital	3420 Kuhio Hwy	Lihue	2		Non-Networked	No	No
61228	Maui Tropical Plantation	1670 Honoapiilani Hwy	Wailuku		4	Non-Networked	No	No
61229	Piilani Village Shopping Center	225 Piikea Ave	Kihei		4	Non-Networked	No	No
61234	Home Depot	4600 Kapolei Pkwy	Kapolei	2		Non-Networked	No	No
61236	Kuakini Medical Center	347 N Kuakini St	Honolulu	2		Non-Networked	No	No
61237	Laie Shopping Center	55-510 Kamehaha Highway	Laie	4		OpConnect	No	No
61238	Maile Sky Court	2058 Kuhio Ave	Honolulu	2		OpConnect	No	No
61239	Times Supermarket - Liliha Branch	1425 Liliha St	Honolulu	1		Non-Networked	No	No
61240	Waianae Shopping Center by Hawaiian Electric Co	86-120 Farrington Hwy	Waianae		2	OpConnect	No	No
61241	Ward Centre	1200 Ala Moana Blvd	Honolulu	1		Volta	No	No
61876	Aina Haina Shopping Center	830 W. Hind Drive	Honolulu	4		OpConnect	No	No
63411	Kona Nissan	76-6353 Kuakini Hwy	Kailua-Kona	1		Non-Networked	No	No
65919	Sheraton Princess Kaiulani	120 Kaiulani Ave	Honolulu	4		OpConnect	No	No
65920	Kapolei Village Center	4850 Kapolei Pkwy	Kapolei	2		OpConnect	No	No
65921	Westin Ka'anapali Ocean Resort (KOR) Villas Parking Garage	6 Kai Ala Drive	Lahaina	8		OpConnect	No	No

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65922	Foodland Kehalani, Maui Hawaii	370 Kehalani Village Dr	Wailuku	4		OpConnect	No	No
66910	Aloha Stadium	99-500 Salt Lake Blvd	Honolulu	2		OpConnect	No	No
66913	Whalers Village	2435 Kaanapali Pkwy	Lahaina	2		Volta	No	No
66914	BMW of Maui	410 Koloa St	Kahului	1		Non-Networked	No	No
66916	Ala Moana Building	677 Ala Moana Blvd	Honolulu	2		Non-Networked	No	No
66917	Honolulu Club Building	932 Ward	Honolulu	1		Non-Networked	No	No
66918	Bishop Square	1003 Bishop St	Honolulu	1		Non-Networked	No	No
66919	Pacific Guardian Tower	1440 Kapiolani Blvd	Honolulu	1		Non-Networked	No	No
66920	Pacific Park Plaza	711 Kapiolani Blvd	Honolulu	1		Non-Networked	No	No
66924	Pacific Guardian Center	737 Bishop St	Honolulu	1		Non-Networked	No	No
66925	Whole Foods Market	70 Kaahumanu Ave	Kahului	2		Non-Networked	No	No
66926	Castle Medical Center	640 Ulukahiki St	Kailua	2		Non-Networked	No	No
68747	Kulamalu Center	55 Kiopaa St	Pukalani		4	Non-Networked	No	No
68748	Pukalani Terrace Center	55 Pukalani St	Pukalani		4	Non-Networked	No	No
71488	Dole Plantation Wahiawa Provided by Hawaiian Electric	64-1550 Kamehameha Highway	Wahiawa		2	OpConnect	No	No
74470	Windward Community College	45-720 Keahala Rd.	Kaneohe	2		OpConnect	No	No
74622	Kamaaina Nissan	471 Kalaniana'ole Ave	Hilo	1		Non-Networked	No	No
75429	City Financial Tower	201 Merchant St	Honolulu	4		Non-Networked	No	No
75431	Costco - Maui	540 Haleakala Hwy	Kahului	1		Non-Networked	No	No
75432	Costco - Kona	73-5600 Maiau St	Kailua-Kona	1		Non-Networked	No	No
75433	Hawaii Pacific University - Hawaii Loa Campus	45-045 Kamehameha Hwy	Kaneohe	2		Non-Networked	No	No
75434	Costco - Kauai	4300 Nuhou St	Lihue	1		Non-Networked	No	No
75435	7-Eleven Hawaii Kai provided by Hawaiian Electric	515 Pepekeo St	Honolulu		2	OpConnect	No	No
78193	HYATT REGENCY HYATT REGENCY	200 Nohea Kai Dr	Lahaina	2		ChargePoint Network	No	No
78963	Ala Moana Center Ground Level Garage	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
78965	Target	4380 Lawehana St	Honolulu	3		Non-Networked	No	No
80402	CAMPBELL SQUARE 1001 KAMOKILA	1001 Kamokila Blvd	Kapolei	2		ChargePoint Network	No	No
81292	Mary Savio Medical Center	98-1247 Kaahumanu St	Aiea	1		Non-Networked	No	No
81293	Leeward Community College - Hawaii	96-045 Ala Ike Street	Pearl City	12		OpConnect	No	No
81294	Honolulu Community College	874 Dillingham Blvd	Honolulu	2		OpConnect	No	No
81295	Kapiolani Community College - Hawaii	4303 Diamond Head Road	Honolulu	4		OpConnect	No	No
81296	Kaimuki Plaza	3465 Waialae Ave	Honolulu	2		Non-Networked	No	No
81297	Rainbow Drive-in	3308 Kanaina Ave	Honolulu	1		Non-Networked	No	No
81299	Bank of Hawaii	2155 Kalakaua Ave	Honolulu	1		Non-Networked	No	No
81300	Hale Pawa'a	1401 S Beretania St	Honolulu	1		Non-Networked	No	No
81302	The Arts at Marks Garage	1159 Nuuanu Ave	Honolulu	2		Non-Networked	No	No
81303	Ward Entertainment Center	1044 Auahi St	Honolulu	2		Volta	No	No
81304	Costco	525 Alakawa St	Honolulu	1		SemaCharge Network	No	No
81307	Costco - Kapolei	4589 Kapolei Pkwy	Kapolei	1		Non-Networked	No	No
81308	Lahaina Aquatic Center	245 Shaw St	Lahaina	1	2	Non-Networked	No	No
81312	Costco - Waipahu	94-1231 Ka Uka Blvd	Waipahu	2		Non-Networked	No	No
81335	J. Walter Cameron Center	2295 N King St	Wailuku		2	Non-Networked	No	No
81424	WAILUKU BRANCH MCFU WAILUKU 1	1888-1898 Wili Pa Loop	Wailuku	2		ChargePoint Network	No	No
81784	Kamehameha Schools Community Learning Center at Ma	87-0790 Kulauku Street	Waianae	6		OpConnect	No	No

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82521	PARKING GARAGE SMC 1	888 S King St	Honolulu	2		ChargePoint Network	No	No
85505	PCC SOUTH	55-370 Kamehameha Hwy	Laie	2		ChargePoint Network	No	No
85605	FHC PV 1 & 2	999 Bishop St	Honolulu	2		ChargePoint Network	No	No
85661	STATION KUNIA 1	93-339 HI-750	Waipahu	2		ChargePoint Network	No	No
85686	Ka Makana Ali'i O5	91-5431 Kapolei Pkwy	Kapolei	1		Volta	No	No
85874	PARKING LOT HMC1	1151-1185 Waianuenu Ave	Hilo	2		ChargePoint Network	No	No
92105	801 Dillingham Honolulu by Hawaiian Electric	801 Dillingham	Honolulu		2	OpConnect	No	No
93792	1234 BERETANIA S BERETANIA ST	1234 S. Beretania St	Honolulu	2		ChargePoint Network	No	No
93828	KUALA STATION 2	1260 Kuala St	Pearl City	1		ChargePoint Network	No	No
103919	WSCAEV EV STATION 01	98-020 Kamehameha Hwy	Aiea	1		ChargePoint Network	No	No
114097	The Modern Honolulu - Tesla Destination	1775 Ala Moana Blvd	Honolulu	3		Tesla Destination	No	No
114098	Outrigger Waikiki Beach Resort - Tesla Destination	2335 Kalakaua Ave	Honolulu	1		Tesla Destination	No	No
114099	Four Seasons Resort Hualalai - Tesla Destination	72-100 Ka'upulehu Dr	Kailua-Kona	2		Tesla Destination	No	No
114100	Four Seasons Resort Oahu at Ko Olina - Tesla Destination	92-1001 Olani St	Kapolei	3		Tesla Destination	No	No
114101	Four Seasons Maui at Wailea - Tesla Destination	3900 Wailea Alanui Dr	Kihei	1		Tesla Destination	No	No
114102	The Ritz-Carlton, Kapalua - Tesla Destination	1 Ritz Carlton Dr	Lahaina	2		Tesla Destination	No	No
114103	Hilton Waikoloa Village - Tesla Destination	69-425 Waikoloa Beach Dr	Waikoloa	2		Tesla Destination	No	No
114105	Hotel Wailea, Relais & Chateaux - Tesla Destination	555 Kaukahi St	Wailea	3		Tesla Destination	No	No
116745	ME Molokai	64 Ala Malama St	Kaunakakai		1	SHELL_RECHARGE	No	No
116957	University of Hawaii - Faculty Housing	2640 Dole St	Honolulu	2		Non-Networked	No	No
117786	AKAKU STATION 1	333 Dairy Road	Kahului	2		ChargePoint Network	No	No
119069	QUEENS HEALTH MILLER GARAGE	1301 Punchbowl St	Honolulu	2		ChargePoint Network	No	No
120886	HELCO -Punaluu Bakery	Route 11	Na'alehu		1	SHELL_RECHARGE	No	No
121579	KAPOLEILOFTS NE SECTIONS	790 Manawai St NE Section	Kapolei	2		ChargePoint Network	No	No
122433	Grand Wailea, A Waldorf Astoria Resort - Tesla Destination	3850 Wailea Alanui	Wailea	2		Tesla Destination	No	No
122711	A&B PROPERTIES STATION 1	4454 Nuhou St	Lihue	2		ChargePoint Network	No	No
122871	KUKUI GROVE CTR STATION 1	3-2600 Kaunualii Hwy	Lihue	2		ChargePoint Network	No	No
123554	QUEENS HEALTH POB 1	1380 Lusitana St.	Honolulu	2		ChargePoint Network	No	No
139987	Haleiwa Town Ctr	66-145 Kamehameha Highway	Haleiwa		1	SHELL_RECHARGE	No	No
143463	WINDWARD CC STATION 1	45-720 Keahala Rd	Kaneohe	2		ChargePoint Network	No	No
143574	RSC STATION 1	4303 Rice St Kress st.	Lihue	1		ChargePoint Network	No	No
145475	HKP STATION 1	665 Halekauwila St	Honolulu	2		ChargePoint Network	No	No
145530	KO'OLINA BC STATION 2	92-161 Waipahe Pl	Kapolei	2		ChargePoint Network	No	No
145535	KO'OLINA BC STATION 3	92-149 Waipahe Pl	Kapolei	2		ChargePoint Network	No	No
145536	KO'OLINA BC STATION 1	92-101 Mauloa Pl	Kapolei	2		ChargePoint Network	No	No
145558	QUEENS HEALTH POB 3	550 S Beretania St	Honolulu	2		ChargePoint Network	No	No
145662	QUEENS HEALTH POB 2	1329 Lusitana St	Honolulu	2		ChargePoint Network	No	No
149207	C&C HONOLULU HONOLULU ZOO	155 Kapahulu Ave	Honolulu	2		ChargePoint Network	No	No
151731	Ward Village Whole Foods	1240 Ala Moana Blvd #200	Honolulu	3		Volta	No	No
151732	International Market Place	2323 Kuhio Ave	Honolulu	4		Volta	No	No
151733	Salt at Our Kaka'ako	691 Auahi St	Honolulu	2		Volta	No	No
152172	Ka Makana Ali'i Macy's	91-5431 Kapolei Pkwy	Kapolei	2		Volta	No	No
152173	Ala Moana Center Genki Sushi	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
152174	Ala Moana Center 2nd Level Nordstroms	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No

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152175	Ala Moana Center Foodland	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
152176	Ala Moana Center 16 DCFC	1450 Ala Moana Blvd	Honolulu		1	Volta	No	No
152177	Ala Moana Center 2nd Level Morton's Steakhouse	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
152178	Ala Moana Center 1st Level Food Court	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
152449	Kapolei Shopping Center	590 Farrington Highway	Kapolei		1	SHELL_RECHARGE	No	No
152544	AULANI: DISNEY P2 SP 254	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
154364	PUNA KAI BUILDING L PARK	15-2714 Pahoia Village Rd	Pāhoa	2		ChargePoint Network	No	No
154420	Ha'ikū Park and Community Center	Piliialoha St	Haiku	1	2	Non-Networked	No	No
158658	University of Hawaii - Faculty Housing	3029 Lowrey Ave	Honolulu	1		Non-Networked	No	No
163659	PALAMANUI PALAMANUI 1	Ane Keohokalole	Kailua-Kona	2		ChargePoint Network	No	No
164575	Keauhou Shopping Center	78-6831 Alii Drive	Kailua-Kona	1		Blink Network	No	No
165315	Pukalani	55 Pukalani Street	Makawao		1	SHELL_RECHARGE	No	No
165583	Ewa Town Center	91-1401 Fort Weaver Road	Ewa Beach	2		OpConnect	No	No
165611	Niumalu Marketplace	75-971 Henry Street	Kailua Kona	6		OpConnect	No	No
166196	KEAUHOUPPLACE 2ND FLOOR AOOU	555 South St	Honolulu	1		ChargePoint Network	No	No
167346	C&C HONOLULU HALE PAUAI	111 N Beretania St	Honolulu	2		ChargePoint Network	No	No
167646	KONA COMMONS EV CHARGER 2	75-5450 Makala Blvd	Kailua-Kona	2		ChargePoint Network	No	No
167858	MOANALUA MOANALUA 2	Edsell St	Honolulu	2		ChargePoint Network	No	No
168135	STADIUM MKTPLCE STATION #2	Salt Lake Bl + Kahuapaani St	Halawa	2		ChargePoint Network	No	No
168136	STADIUM MKTPLCE STATION #1	Salt Lake Bl + Opp Kahuapaani St	Halawa	2		ChargePoint Network	No	No
168137	KAM CENTER STATION 1	1610 N School St	Honolulu	2		ChargePoint Network	No	No
168502	University of Hawaii Hilo	200 W Kawaiili St	Hilo	2		Non-Networked	No	No
168505	University of Hawaii Hilo	200 W Kawaiili St	Hilo	2		Non-Networked	No	No
168506	University of Hawaii Hilo	200 W Kawaiili St	Hilo	2		Non-Networked	No	No
168507	University of Hawaii Hilo	200 W Kawaiili St	Hilo	2		Non-Networked	No	No
168519	WALMART STORE 2308	3-3300 Kuhio Hwy	Lihue	2		ChargePoint Network	No	No
168520	WALMART STORE 2321	75-1015 Henry St	Kailua-Kona	2		ChargePoint Network	No	No
168521	WALMART STORE 2473	321 Makaala St	Hilo	2		ChargePoint Network	No	No
168522	WALMART STORE 2314	94555 Kupuohi St	Waipahu	2		ChargePoint Network	No	No
169401	WALMART STORE 3290	101 Pakaula St	Kahului	2		ChargePoint Network	No	No
170274	MOANALUA MOANALUA 1	4859 Warden Ave	Honolulu	2		ChargePoint Network	No	No
171256	STATE OF HAWAII PUNCHBOWL 1	1151 Punchbowl St	Honolulu	2		ChargePoint Network	No	No
171257	STATE OF HAWAII BERETANIA 1	415 S Beretania St	Honolulu	2		ChargePoint Network	No	No
172036	PALI MOMI PMMC STATION #1	98-1079 Moanalua Rd	Aiea	2		ChargePoint Network	No	No
172518	PCC NORTH	55-370 Kamehameha Hwy	Laie	2		ChargePoint Network	No	No
173122	KUALA STATION 1	1260 Kuala St	Pearl City	1		ChargePoint Network	No	No
173822	TONY AUTOPLEX NISSAN 2	94-1299 Ka Uka Blvd	Waipahu	2		ChargePoint Network	No	No
173978	KAPOLEILOFTS NE SECTION	790 Manawai St NE Section	Kapolei	2		ChargePoint Network	No	No
174032	A&B PROPERTIES STATION 2	4454 Nuhou St	Lihue	2		ChargePoint Network	No	No
175000	AULANI: DISNEY P2 SP 096	92-1185 Ali'inui Dr	Kapolei	1		ChargePoint Network	No	No
175001	AULANI: DISNEY P3 SP 393 - HP	92-1185 Ali'inui Dr	Kapolei	1		ChargePoint Network	No	No
175002	AULANI: DISNEY P3 SP 196 & 197	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175003	AULANI: DISNEY P2 SP 99 & 100	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175004	AULANI: DISNEY P2 SP 122 & 123	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No

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175005	AULANI: DISNEY P2 SP 97 & 98	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175006	AULANI: DISNEY P2 SP 120 & 121	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175007	AULANI: DISNEY P3 SP 216 & 217	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175008	AULANI: DISNEY P3 SP 394 & 395	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175009	AULANI: DISNEY P3 SP 396 & 397	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175010	AULANI: DISNEY P3 SP 398 & 399	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175011	AULANI: DISNEY PL SP 498 & 499	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175012	AULANI: DISNEY P2 SP 250 & 251	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175013	AULANI: DISNEY P2 SP 252 & 253	92-1185 Ali'inui Dr	Kapolei	2		ChargePoint Network	No	No
175342	PUNA KAI BEHIND BLDG B	15-2714 Pahoia Village Rd	Pāhoia	1		ChargePoint Network	No	No
181179	KEAUHOUPPLACE 2ND KEAUHOU L	555 South St	Honolulu	1		ChargePoint Network	No	No
181577	KONA COMMONS EV CHARGER 1	75-5450 Makala Blvd	Kailua-Kona	2		ChargePoint Network	No	No
182327	TARGET CORP HILO T2682	391 Makaala St	Hilo	2		ChargePoint Network	No	No
182394	TARGET CORP KAHULUI T2660	100 Ho'okele St	Kahului	2		ChargePoint Network	No	No
182401	TARGET CORP KAILUA T2697	345 Hahani St	Kailua	2		ChargePoint Network	No	No
182517	TARGET CORP KAHULUI T2660 2	100 Ho'okele St	Kahului	2		ChargePoint Network	No	No
182526	TARGET CORP KAILUA T2697 2	345 Hahani St	Kailua	2		ChargePoint Network	No	No
182529	TARGET CORP HILO T2682 2	391 Makaala St	Hilo	2		ChargePoint Network	No	No
182728	LAU HALA SHOPS STATION 2	573 Kailua Rd	Kailua	2		ChargePoint Network	No	No
182729	LAU HALA SHOPS STATION 1	573 Kailua Rd	Kailua	2		ChargePoint Network	No	No
183081	KBXTREME LANI 1 LANIHAU PROF.	75-5586 Ololi Rd	Kailua	2		ChargePoint Network	No	No
184070	AIONA AIONA RENTALS	124 Wiwoole St	Hilo	1		ChargePoint Network	No	No
184071	AIONA AIONA RENTALS 2	124 Wiwoole St	Hilo	1		ChargePoint Network	No	No
185307	AIONA CAR SALES 2	124 Wiwoole St	Hilo	1		ChargePoint Network	No	No
185308	AIONA CAR SALES	124 Wiwoole St	Hilo	1		ChargePoint Network	No	No
186657	Niumalu Office Building	75-971 Henry St	Kailua-Kona	2		OpConnect	No	No
186856	Papa aloa Country Store	35-2032 Old Mamalahoa Highway	Papa'aloa		1	SHELL_RECHARGE	No	No
187631	TONY AUTOPLEX VW SERVICE LEFT	94-1299 Ka Uka Blvd.	Waipahu	1		ChargePoint Network	No	No
188011	KUONO KUONO EV	4210 Waialae Ave	Honolulu	2		ChargePoint Network	No	No
189698	Windward Mall - Parking Garage	46-056 Kamehameha Highway	Kaneohe	2		Blink Network	No	No
189943	ALOHA AINA ALOHA AINA	810 Kokomo Rd	Haiku-Pauwela	2		ChargePoint Network	No	No
190163	UNIV HOUSING K NUI STATION	3029 Lowrey Ave	Honolulu	2		ChargePoint Network	No	No
190292	C&A;C HONOLUL SMITH BERETANIA	1170 Nuuanu Ave	Honolulu	2		ChargePoint Network	No	No
190293	C&A;C HONOLUL CHINATOWN	1031 Nuuanu Ave	Honolulu	2		ChargePoint Network	No	No
190776	WILCOX PARKING PARKING 1	3-3420 Kuhio Hwy	Lihue	2		ChargePoint Network	No	No
190954	Lipoa Center	41 E Lipoa St	Kihei	4		OpConnect	No	No
191040	KAPOLEI COMMONS STATION 1	4460 Kapolei Pkwy	Kapolei	2		ChargePoint Network	No	No
192659	TARGET CORP HONOLULU T3978	4380 Lawehana St	Honolulu	2		ChargePoint Network	No	No
192901	OUTRIGGER OEI P2	150 Kaiulani Ave	Honolulu	2		ChargePoint Network	No	No
193424	TARGET CORP HONOLULUT3978 2	4380 Lawehana St	Honolulu	2		ChargePoint Network	No	No
196205	WAIKELE CENTER WAIKELE CENTER	94-815 Lumiaina St	Waipahu	2		ChargePoint Network	No	No
196339	HOKUA SHARED STATION 1	1288 Ala Moana Blvd	Honolulu	2		ChargePoint Network	No	No
197132	BERETANIA GOODWILL 1	1084 Young St	Honolulu	2		ChargePoint Network	No	No
198141	A&B PROPERTIES TSAK MAKAI LOT	2829 Ala Kalanikaumaka St	Koloa	2		ChargePoint Network	No	No

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201052	TARGET CORP KAPOLEI T2411	4450 Kapolei Pkwy	Kapolei	2		ChargePoint Network	No	No
201598	C&C HONOLULU BLAISDELL CTR	999 S King St	Honolulu	2		ChargePoint Network	No	No
201606	C&C HONOLULU WAHIAWA SCH	330 N Cane St	Wahiawa	2		ChargePoint Network	No	No
202660	PALI MOMI PMMC STATION #2	98-1079 Moanalua Rd	Aiea	2		ChargePoint Network	No	No
203257	Pearlridge Center - Tesla Supercharger	98-1005 Moanalua Road	Aiea		6	Tesla	No	No
204704	TONY AUTOPLEX NISSAN 1	94-1299 Ka Uka Blvd	Waipahu	2		ChargePoint Network	No	No
205661	AIPA PROPERTIES AIPA PH1 MEZZ	3375 Koapaka St	Honolulu	2		ChargePoint Network	No	No
205886	KAPOLEI COMMONS	4470 Kapolei Parkway	Kapolei		1	SHELL_RECHARGE	No	No
205892	IMP EV CHARGING LEVEL - 5 LEFT	2330 Kalakaua Ave	Honolulu	2		ChargePoint Network	No	No
205893	IMP EV CHARGING LEVEL - 5 RIGHT	2330 Kalakaua Ave	Honolulu	2		ChargePoint Network	No	No
206290	IMP EV CHARGING LEVEL - 6 RIGHT	2330 Kalakaua Ave	Honolulu	2		ChargePoint Network	No	No
206291	IMP EV CHARGING LEVEL - 6 LEFT	2330 Kalakaua Ave	Honolulu	2		ChargePoint Network	No	No
211641	TARGET CORP KAPOLEI T2411 2	4450 Kapolei Pkwy	Kapolei	2		ChargePoint Network	No	No
212280	Ala Moana Center 17 DCFC	1450 Ala Moana Blvd	Honolulu		1	Volta	No	No
212435	Kaneohe Bay Shopping Center	46-047 Kamehameha Highway	Kaneohe	2		Volta	No	No
212438	Aikahi Park Shopping Center	25 Kaneohe Bay Drive	Kailua	2		Volta	No	No
213026	Times Square Shopping Center	98-1268 Kaahumanu St	Pearl City		1	SHELL_RECHARGE	No	No
213061	TONY AUTOPLEX HYL3 CUSTOMER	94-1299 Ka Uka Blvd	Waipahu		1	ChargePoint Network	No	No
213570	Hawaiian Electric Company	820 Ward Avenue	Honolulu		2	SHELL_RECHARGE	No	No
213584	EVARC GREENINVEST LLC	1175 Manono St	Hilo	2		ChargePoint Network	No	No
213668	UH MAUI COLLEGE KAAIKE 1	Wahinepio Ave	Kahului	2		ChargePoint Network	No	No
213669	UH MAUI COLLEGE KAAIKE 4	Wahinepio Ave	Kahului	2		ChargePoint Network	No	No
213670	UH MAUI COLLEGE KAAIKE 2	Wahinepio Ave	Kahului	2		ChargePoint Network	No	No
213671	UH MAUI COLLEGE KAAIKE 3	Wahinepio Ave	Kahului	2		ChargePoint Network	No	No
213771	TONY AUTOPLEX HYL2 DELIVERY	94-1299 Ka Uka Blvd	Waipahu	2		ChargePoint Network	No	No
214260	BMW OF HAWAII PUBLIC 2	367 Farrington Hwy	Kapolei	2		ChargePoint Network	No	No
214261	MINI OF HAWAII PUBLIC 1	367 Farrington Hwy	Kapolei	2		ChargePoint Network	No	No
217269	TONY AUTOPLEX HYL3 INVENTORY	94-1299 Ka Uka Blvd	Waipahu		1	ChargePoint Network	No	No
217981	Kiahuna Plantation Resort	2253 Poipu Rd	Koloa	2		Non-Networked	No	No
217982	Coconut Marketplace	4-484 Kuhio Hwy	Kapa'a	3		Non-Networked	No	No
217983	'Iliahi Elementary School	2035 California Ave	Wahiawa	1		Non-Networked	No	No
217984	Leilehua High School	1515 California Ave	Wahiawa	1		Non-Networked	No	No
217985	Millilani Shopping Center	95-221 Kipapa Dr	Millilani	2		Non-Networked	No	No
217986	Waipahu High School	94-1211 Farrington Hwy	Waipahu	1		Non-Networked	No	No
217987	Four Seasons Sensei	1 Keomoku Hwy	Lanai City	6		Non-Networked	No	No
217988	Ka'anapali Beach Club by Diamond Resorts	104 Kaanapali Shores Pl	Lahaina	1		Non-Networked	No	No
217990	Ka'u District Gym	96-3150 Pikake St	Pahala	2		Non-Networked	No	No
217991	Pahoa Community Sport Complex	15-2910 Kuuhome St	Pahoa	1		Non-Networked	No	No
217992	De Luz Chevrolet	175 Wiwoole St	Hilo	1		Non-Networked	No	No
220364	Keaau Shopping Center DCFC	16-586 Old Volcano Rd	Kea'au		1	SHELL_RECHARGE	No	No
222860	KVP11, LLC KALAELOA 1	911010 Saratoga Ave	Kapolei	2		ChargePoint Network	No	No
223587	Piilani Village Shopping Cente	225 Piikea Avenue	Kihei		1	SHELL_RECHARGE	No	No
223715	Millilani Town Center	95-1249 Meheula Pkwy	Millilani		2	SHELL_RECHARGE	No	No
224268	WILCOX PARKING PARKING 2	3-3420 Kuhio Hwy	Lihue	2		ChargePoint Network	No	No

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225102	Lahaina Aquatic Center	245 Shaw Street	Lahaina		1	SHELL_RECHARGE	No	No
225204	TARGET CORP KONA T2412	74-5455 Makala Blvd	Kailua-Kona	2		ChargePoint Network	No	No
225205	TARGET CORP KONA T2412 2	74-5453 Makala Blvd	Kailua-Kona	2		ChargePoint Network	No	No
225398	Waipio Shopping Center	94-1040 Waipio Uka	Waipahu		1	SHELL_RECHARGE	No	No
225454	Pacific Monarch Hotel	2427 Kūhiō Ave	Honolulu	2		OpConnect	No	No
227141	Queen Ka ahumanu Center	275 West Kaahumanu Avenue	Kahului		1	SHELL_RECHARGE	No	No
227257	HELCO - Kilauea Main Office	1200 Kilauea Avenue	Hilo		1	SHELL_RECHARGE	No	No
227452	Haiku Market	810 Haiku Rd	Haiku		1	SHELL_RECHARGE	No	No
228932	WAIKOLOA PLAZA WAIKOLOA PLAZA1	68-1820 Waikoloa Rd	Waikoloa Village	2		ChargePoint Network	No	No
230850	Grand Hyatt Kauai Resort & Spa	1571 Poipu Rd	Koloa		4	EV Connect	No	No
231004	Wailuku Town Center	790 Eha St.	Wailuku	2		EV Connect	No	No
231759	Maui Electric HQ	210 W Kamehameha Ave	Kahului		1	SHELL_RECHARGE	No	No
231822	HELCO - Kona	74-5519 Kaiwi Street	Kailua-Kona		1	SHELL_RECHARGE	No	No
234654	Bishop Museum	1420 Kapalama Ave	Honolulu		2	SHELL_RECHARGE	No	No
235518	Kailua Town Center	108 Hekili St	Kailua		1	SHELL_RECHARGE	No	No
237143	Cameron Center	95 Mahalani Street	Wailuku	2		SemaCharge Network	No	No
237146	The Element	91-3598 Nana Hope Street	Ewa Beach		8	SemaCharge Network	No	No
237147	Airport Trade Center	550 Paiea Street	Honolulu	2		SemaCharge Network	No	No
237148	Kaiser - Kapolei Leeward Clinic	401 Kamokila Boulevard	Kapolei	6		SemaCharge Network	No	No
237152	Anytime Fitness Kakaako	747 Queen Street	Honolulu	1		SemaCharge Network	No	No
237154	Maui Marketplace	270 Dairy Road	Kahului	2		SemaCharge Network	No	No
237155	HO'OKELE SHOPPING CENTER	Ho'okele Street	Kahului	2		SemaCharge Network	No	No
237157	West Kauai Technology and Visitor Center, Waimea	9565 Kaunualii Highway	Waimea	2		SemaCharge Network	No	No
237164	Four Seasons Lana'i Stations	Manele Bay Road	Lanai City	10		SemaCharge Network	No	No
237168	Waimea Baptist Church	9625 Kaunualii Highway	Waimea	1		SemaCharge Network	No	No
237170	Ace Center at Kapolei	480 Kamokila Boulevard	Kapolei	1		SemaCharge Network	No	No
237172	BOH Waikiki	2155 Kalakaua Ave.	Honolulu	1		SemaCharge Network	No	No
237177	Bishop Place	1132 Bishop Street	Honolulu	1		SemaCharge Network	No	No
237178	Honolulu Club	932 Ward Street	Honolulu	1		SemaCharge Network	No	No
237179	Maui Brewing Company	605 Lipoa Parkway	Kihei	3		SemaCharge Network	No	No
237180	Bishop Square	1003 Bishop Street	Honolulu	2		SemaCharge Network	No	No
237182	Waterfront Plaza	500 Ala Moana Blvd	Honolulu		3	SemaCharge Network	No	No
237183	Pan Am Building	1600 Kapiolani Blvd, Suite 1006	Honolulu	1		SemaCharge Network	No	No
237218	Maui Lani Shopping Center	58 Maui Lani Pkwy.	Wailuku	12		OpConnect	No	No
238270	KIUC ANAHOLA SC	4-3625 Kuhio Hwy	Anahola	2		ChargePoint Network	No	No
238339	KIUC HANA KUKUI	4463 Pahee St	Lihue	2		ChargePoint Network	No	No
241183	Hawaii Kai Towne Center	333 Keahole Street	Honolulu	1		Blink Network	No	No
251120	HELCO - Waimea KTA	65-1158 Mamalahoa Highway	Waimea		1	SHELL_RECHARGE	No	No
251121	Waikiki-Kapahulu Public Library	400 Kapahulu Ave	Honolulu		1	SHELL_RECHARGE	No	No
252741	WINDSOR WAIKIKI STATION 1	343 Hobron Lane	Honolulu	2		ChargePoint Network	No	No
253585	Ka Makana Ali'i Five Guys	91-5431 Kapolei Pkwy	Kapolei	1		Volta	No	No
253608	Ala Moana Center 15 DCFC	1450 Ala Moana Blvd	Honolulu		1	Volta	No	No
253610	Ala Moana Center Bloomingdales	1450 Ala Moana Blvd	Honolulu	2		Volta	No	No
253634	Ward Village	1240 Ala Moana Blvd #200	Honolulu	2		Volta	No	No

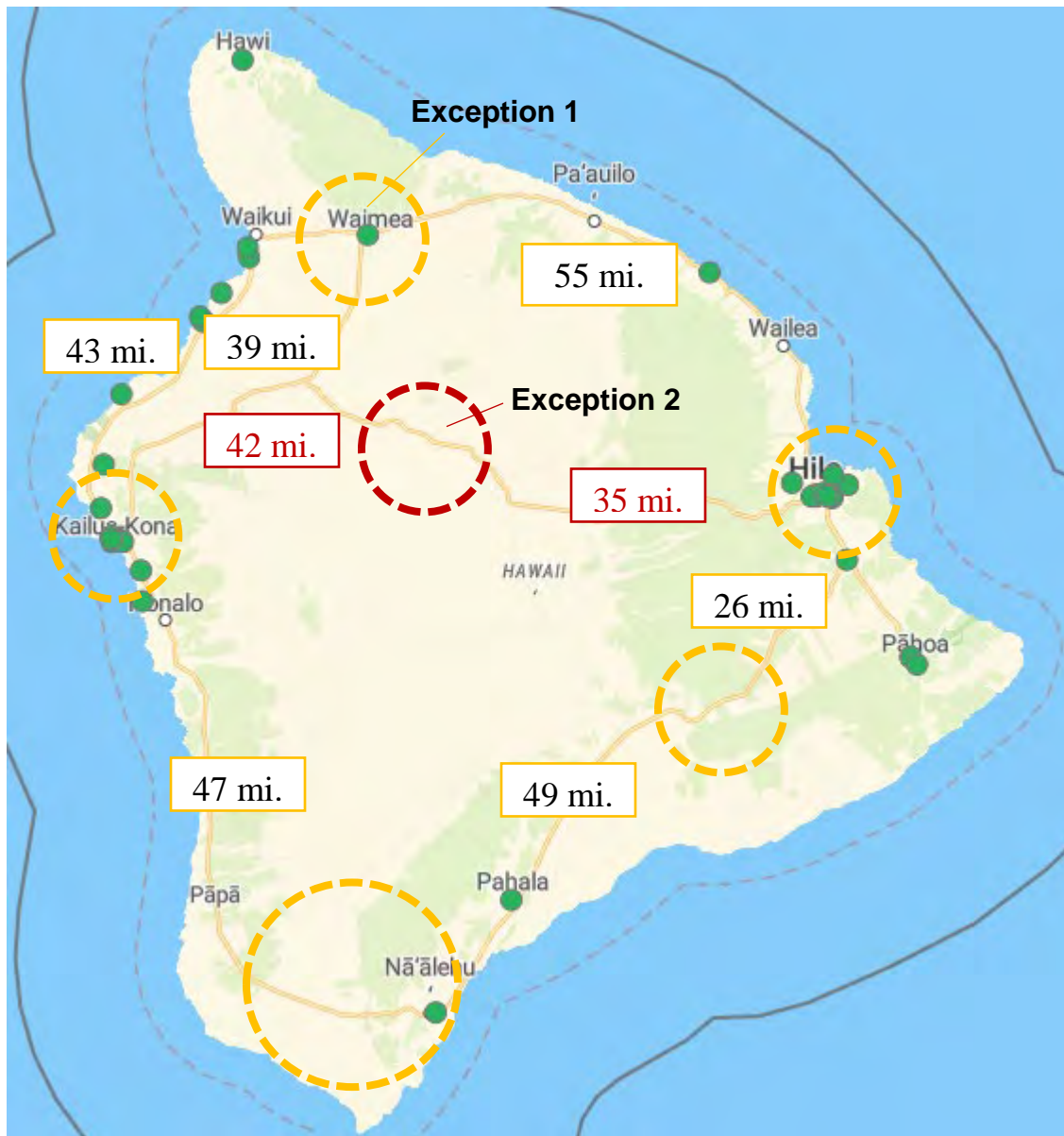
ID	Station Name	Street Address	City	EV Level2 EVSE Num	EV DC Fast Count	EV Network	Meets all relevant requirements in 23 CFR 680?	Intent to count towards Fully Built Out determination?
253645	Ka Makana Ali'i	91-5431 Kapolei Pkwy	Kapolei	1		Volta	No	No
253774	STATION KAIMUKI 1	1119-1123 4th Ave	Honolulu	2		ChargePoint Network	No	No
255331	Walmart 5274 (Pearl City, HI)	1131 Kuala St	Pearl City		4	Electrify America	No	No
255445	P&L WAREHOUSE BUILDING	269 Papa Place	Kahului	1		SemaCharge Network	No	No
256303	Makaha Beach Cabanas	84-965 Farrington Hwy	Waianae	2		OpConnect	No	No
256908	HCF EV CHARGER HCF 01	43 Laa St	Kahului	2		ChargePoint Network	No	No
258223	ZONE 20 ZONE 20 #2	2520 Dole St	Honolulu	2		ChargePoint Network	No	No
258224	ZONE 20 ZONE 20 #1	2520 Dole St	Honolulu	2		ChargePoint Network	No	No
259358	Maui Marketplace	270 Dairy Rd	Kahului	2		OpConnect	No	No
262741	TRUMPWAKIKI2019 TRUMPWAIKIKI3	220 Beach Walk	Honolulu	1		ChargePoint Network	No	No
300595	KONA HYUNDAI LEVEL 3-1	75-5793 Kuakini Hwy	Kailua-Kona		1	ChargePoint Network	No	No
302211	Lowe's Home Improvement	214 Ho'okele St	Kahului	1		Non-Networked	No	No
303004	KOHALA HOSPITAL KOHALA HOSPITAL	54-383 Hospital Rd	Kapaau	2		ChargePoint Network	No	No

Appendix C - State EV Deployment Plan Exception Requests

HDOT submits the following requests for discretionary exceptions from the requirement that charging infrastructure is installed every 50 miles along and within one travel mile from each designated Alternative Fuel Corridor highway. These exceptions are based on grid capacity as there is insufficient power availability in areas where charging stations must be installed to satisfy the fully built out certification and delivering sufficient power requires significant upgrades to existing infrastructure. In evaluating the grid capacity, HDOT considered renewable energy sources, like photovoltaic panels, and has determined that this approach is also infeasible in supporting these charging facilities.

Exception #	Type	Distance of Deviation	Included in Round 6 AFC Nomination	Reason for Exception Request
1 Hawaii Island Waimea	<input checked="" type="checkbox"/> 50 miles apart <input type="checkbox"/> 1 mile from exit	5 miles N/A miles	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Grid Capacity <input type="checkbox"/> Geography <input type="checkbox"/> Equity <input type="checkbox"/> Extraordinary Cost
2 Hawaii Island Saddle Road	<input checked="" type="checkbox"/> 50 miles apart <input type="checkbox"/> 1 mile from exit	27 miles N/A miles	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Grid Capacity <input type="checkbox"/> Geography <input type="checkbox"/> Equity <input type="checkbox"/> Extraordinary Cost
3 Maui Hana	<input checked="" type="checkbox"/> 50 miles apart <input type="checkbox"/> 1 mile from exit	3 miles N/A miles	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Grid Capacity <input type="checkbox"/> Geography <input type="checkbox"/> Equity <input type="checkbox"/> Extraordinary Cost
4 Lanai	<input checked="" type="checkbox"/> 50 miles apart <input checked="" type="checkbox"/> 1 mile from exit	N/A miles N/A miles	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Grid Capacity <input type="checkbox"/> Geography <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Extraordinary Cost
5 Molokai	<input checked="" type="checkbox"/> 50 miles apart <input checked="" type="checkbox"/> 1 mile from exit	N/A miles N/A miles	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Grid Capacity <input type="checkbox"/> Geography <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Extraordinary Cost

Exceptions 1 and 2 – Hawaii Island

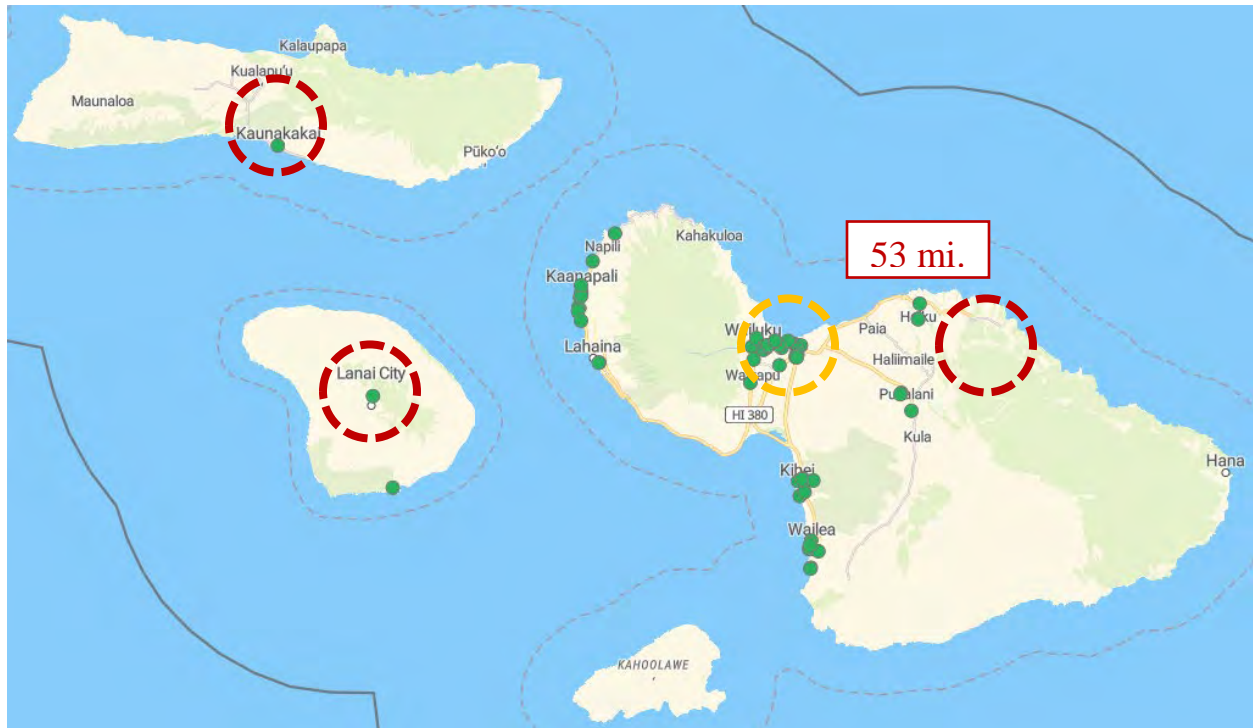


Exception 1. Waimea is natural mid-point in North Hawaii between Hilo and Kona, and is a suitable location for a charging site when considering convenience, safety, geography, and power availability. However, ideal locations for the charging station are approximately 55 miles along Route 19 from Hilo. HDOT seeks a reasonable exception for the five-mile variance for this station. Between Hilo and Waimea, there are coastal towns and expanses of ranch lands. Many households in these communities are off-grid and not connected to water or sewage utilities. The town of Waimea has the necessary area and amenities to support charging stations and will be considered a more convenient location for the traveling public.

Exception 2. The Daniel K. Inouye Highway, also known as Saddle Road or Route 200, runs through the center of the island, and also connects Hilo and Kona. The AFC along this route

measures 77.4 miles. HDOT evaluated multiple locations along this corridor for a charging site but identified limited grid capacity. Photovoltaic panels to supply power are also cost prohibitive within the NEVI program formula funds. HDOT seeks an exception for this corridor but is coordinating with Hawaii County for CFI grant funding.

Exceptions 3, 4, and 5 – County of Maui



Exception 3. HDOT will install a charging station on the island of Maui in a park and ride lot owned and controlled by HDOT located in Wailuku and in Lahaine. These location are within 50 miles of all AFCs on the island and 25 miles from an end point of an AFC route, with the exception of the terminus of the HI-360 Pending Corridor. The end of this corridor is 53 miles from the park and ride lot and HDOT seeks an exception for a twenty eight-mile variance due to limited power availability along the eastern end of this route. In place of a 600 kW charging station, HDOT will install Level 2 charging stations to meet the community's charging needs on both islands or utilize funding from CFI grants.

HDOT confirmed with Hawaiian Electric Company (for Maui Electric Company) that there was insufficient power availability in Hana at the end of the Route 360 AFC. HDOT also acknowledges that there is no suitable location along the route for a charging station; there are very narrow shoulder areas along the highway that are not safe for vehicles to pull into to charge. See the photos below showing shoulders found along this route. HDOT has since confirmed that the area nearest Route 360 with sufficient power availability is in Haiku, about 15 miles from our proposed/planned charging site in Central Maui and 39 miles from Hana.









Exceptions 4 and 5. HDOT has determined it is infeasible and impractical to install 600 kW charging stations anywhere on the islands of Molokai and Lanai without major grid capacity upgrades. The limited grid capacity on Molokai that serves its population of 7,345 cannot support a 600 kW charging station; this facility would require nearly one-third of the island's current power demand. This is also the case for the island of Lanai and its population of 3,135. In place of a 600 kW charging station, HDOT will install Level 2 charging stations to meet the community's charging needs on both islands or utilize funding from CFI grants.