

EXHIBIT Q

**THE EV CHARGING EXPANSION
PROJECT ENVIRONMENTAL
REMEDiation TRUST**



EV Charging Expansion Project

Presented to Audi CO₂ Cy Pres Settlement Fund

Executive Summary

The Parties propose using a portion of the unclaimed Audi CO2 Settlement Fund to improve the electric vehicle public charging infrastructure through the EV Charging Expansion Project (sometimes referred to herein as the “Project”) by donating AC powered chargers and installing them at approved locations across the country. This EV Charging Expansion Project will enable electric vehicle owners the ability to recharge their vehicles at highly visible destinations, while increasing the awareness of both the convenience and everyday drivability of all battery electric vehicles, including electric vehicles owned or leased by settlement class members and the public at large. This Project has the benefit of making an immediate beneficial impact on the environment because free charging stations (hardware), along with software installation, are ready for donation at locations across the country. An initial tranche of donor recipients ready, willing, and able to install the free chargers has already been identified, and an application process for requesting free chargers will be made available through a dedicated website.

EV Charging Expansion Project

The EV Charging Expansion Project will allow AC powered chargers to be installed at a variety of locations, including but not limited to hotels, restaurants, shopping centers, sports stadiums and arenas, event spaces, civic and cultural sites, concert and entertainment venues, parks and recreational areas, commercial real estate developments, and regional airports, and are intended to allow guests of an establishment or destination to charge their electric vehicles while going about the business of their day to day lives. The Project will increase the daily usability of electric vehicles while reducing the likelihood of range anxiety attributed to current gaps in the American public charging network.



Slower Charging Times
More Cost Effective
Easier to Install

208 – 240 Volt, 19.2 kW

The EV Charging Expansion Project fulfills two primary missions: vehicle enablement and customer peace of mind. The installation of chargers meets a customer need and supports the overall usability of all battery electric vehicles. Strategically placed chargers reduce the prevalence of range anxiety when installed in highly visible public locations.

Identifying Potential Locations

There are a number of potential strategies we plan to pursue to identify locations where customers spend more than 1 hour. For example:

STRATEGY	<p>White Space</p> 	<p>Event Spaces</p> 	<p>Maximize Visibility</p> 	<p>Reinforce Sustainability</p> 	<p>Ask Customers</p> 
EXAMPLES	<ul style="list-style-type: none"> Central Manhattan San Francisco Chicago I.e. (High Density metro areas) 	<ul style="list-style-type: none"> Monterey Auto Week Lifestyle Events Motorsports Events Public Event Spaces 	<ul style="list-style-type: none"> Retail Spaces Gyms Country Clubs Restaurants Hotels 	<ul style="list-style-type: none"> Greenwise Sprouts Fresh Market National Parks 	<ul style="list-style-type: none"> In App Survey ePerformance site Actual Car location data



Target Venues

Charging of electric vehicles typically happens at home. Because of this, hotels, restaurants, shopping centers, sports stadiums and arenas, event spaces, civic and cultural sites, concert and entertainment venues, parks and recreational areas, commercial real estate developments, and regional airports are all natural fits for AC charger installations. Because people typically spend more than an hour at hotels, retail locations, sports stadiums, concert venues, or regional airports, these are ideal locations for a EV Charging Expansion Project charger, and will allow consumers to receive the full benefit of the charger.

Approximately 600 pre-existing locations have already been identified as primary targets for the Project, and these locations are all ready, willing, and able to install the free chargers. Primary targets for the EV Charging Expansion Project will be hotels and retail locations.

Target hotel chains include:

- Premier Resorts & Management
- Four Seasons Hotels & Resorts
- InterContinental Hotels & Resort
- Omni Hotels & Resorts
- Kimpton Hotels
- Belmond
- The Langham Hotels & Resorts
- Pendry Hotels & Resorts
- Fairmont Hotels & Resorts
- Waldorf Astoria Hotels and Resort
- Auberge Resorts Collection
- 1 Hotels

Potential retail locations include:

- The Shops at Bal Harbour, Miami
- The Shops at The Braven, Seattle
- The Beverly Center, Los Angeles
- The Americana Manhasset, New York
- Oakbrook Mall, Chicago
- Cherry Creek Shopping Centers, Denver
- Brickell City Center, Miami
- The Mall at Short Hills, New Jersey
- Northpark Mall, Dallas
- Malibu Country Mart, Malibu

Secondary targets for the EV Charging Expansion Project will include sports stadiums and arenas, event spaces, civic and cultural sites, concert and entertainment venues, parks and recreational areas, commercial real estate developments, and regional airports.

Project Management Team

The EV Charging Expansion Project will have a dedicated Project Management Team responsible for managing, overseeing, and supporting all aspects of the Project. The Project Management Team will utilize its time, energy, and resources to provide \$7.5 million worth of free chargers and install them at venues and destinations across the country. The Project Management Team will support Project recipients in connection with ordering hardware, site preparation, the installation process, and provide assistance with software updates and technical maintenance.

The Project Management Team will handle outreach to target venues and destinations and has already identified approximately 600 pre-existing locations that are ready, willing, and able to install the free chargers. The Project Management Team will be responsible for outreach to those approximately 600 pre-existing locations to offer participation in the Project and will also work to identify the next tranche of Project targets.

No cy pres funds allocated to the Project will revert back to Porsche.

Project Website

The Project Management Team will develop and monitor a website solely dedicated to the EV Charging Expansion Project. The Project Website will allow entities to learn about the benefits of the Project, and include the application process for requesting free chargers. The Project Website will also provide information on what hardware is provided, what to expect during the installation process, how to request more information, program participation requirements, as well as links to all hardware owner's manuals, install guides, and troubleshooting steps.

Budget Summary

The typical total site cost of EV Charging Expansion Project chargers are \$11,000-\$12,000, assuming the installation of two Project chargers per site.

Charger Specifications & Capabilities

Specifications

Electrical:

Max continuous Output current 80A
AC Power Input Rating – Standard 208/240VAC 60Hz single phase
With IEC15118/ISO15118 YES
UL Listed YES
Wiring – Standard 3-wire (L1, L2, G)
Output Power (kW @ max A) 19.2kW (240VAC @ 80A)
Input Cord Requirement Hardwire
Charging plug SAE J1772 (80A)

Environmental:

NEMA/IP Rating (Dust/Moisture) NEMA 3R
IK Rating (Mechanical Impact) IK 10
Altitude 11400ft (3,500m)
Solar radiation 1120 W/m² (Class 2K4)
Wind rating 12 Beaufort
Operating temperature –22°F to +122°F (–30°C to +50°C)
Storage temperature –40°F to +140°F (–40°C to +60°C)
Operating humidity Up to 85%



	Charging Hardware	19.2 kW Charger \$ 967.60 ea.
		Mounting Pedestal \$ 1357.02 ea.
		Charge Point Operation Center (Software) \$100 per annum
	Installation	Installation & Service \$ 5,500 -12,000 ⁽¹⁾

Typical total site cost are \$11,000 - \$12,000 assuming two chargers per site





Capabilities

**EV Vehicle max OBC
(kWh delivered in 2 hour)**

Additional Miles in 1 hour

3.6kW	10 miles
7.2kW	21 miles
9.6kW	27 miles
19.2kW*	55 miles



19.2kW capable

*Source: in order to charge at this rate, the vehicle must be equipped with the optional 19.2kW On Board Charger (OBC)

** 0.346kW/Mile: <https://ecocostsavings.com/average-electric-car-kwh-per-mile/#:~:text=So%20I%20had%20to%20do,kWh%20to%20travel%20I%20mile;>

Vendor/Service Providers

While each site is unique and a local provider may be qualified, the Parties recommend the use of vetted electrical contractors to ensure consistency across all locations and to bolster potential warranty efforts if needed.

01

Qmerit

▶ <https://qmerit.com/ev-charger-installation>



02

ABM

▶ <https://www.abm.com/services/ev-charging>



03

Electrify EVSE

▶ <https://electrifyevse.com>

