



EV Charging Infrastructure Support Project

Proposed Project Overview

As part of our efforts to bring more energy solutions to our customers, Duke Energy is looking at ways to integrate new technologies like solar, plug-in-electric vehicles (EVs) and energy storage into our portfolio. Duke Energy is proposing to provide financial assistance up to \$1 million for the purchase and construction of electric vehicle charging stations (EVCS) with funds made available as part of a settlement agreement. The proposed EV Charging Infrastructure Support Project is structured to provide direct financial support to Duke Energy customers who wish to install and own charging stations at locations where an EV can be charged for several hours. Such deployments are expected to support EV drivers by providing more available and convenient access to charging solutions, improving range confidence and vehicle utilization, and thereby increasing the environmental benefits associated with electric transportation.

Proposed Project Highlights

The initial target market for the first round of funding will be local and state governmental entities, as well as non-profits, in North Carolina that wish to install, own, and operate EVCS. Duke Energy is proposing financial contribution/reimbursement for 100% of qualifying EVCS costs up to \$5,000 per charge port, or \$20,000 per site, or \$50,000 per entity. Caps may be adjusted based on interest and participation levels.

Charging infrastructure may be either AC level 1 (provided cord set is hardwired) or AC level 2 installed at locations designed to support charging of PEVs while parked for several hours. Good examples include parking decks/lots located near employers or destination sites, libraries, transit stations, large parks, etc.

The participating entity will own and operate the EVCS and be responsible for all ongoing costs including energy, maintenance, and any associated network fees. The entity will also have full control and responsibility over the selection and coordination of hardware and installation vendors.

Steps to Register Interest for Participation

In order to finalize project details and obtain funding authorization, Duke Energy would like to solicit the interest level of such entities to participate in the project. If your organization is interested, please reply to PlugIn@duke-energy.com and include an estimated quantity of stations, potential locations, and feedback on the concept structure. To assist with this effort, a template reply form has been provided or you can fill out [this survey](#) online. Please note this is not a formal commitment; you are under NO obligation, and that final details may change. However, your input is important to refine the project and will be used to prioritize participation in the application stage.

www.NCPEV.org

Additional PEV Resources:

www.afdc.energy.gov

www.goelectricdrive.com



Proposed Terms and Conditions (subject to modification for final project):

- Entity must be a Duke Energy Carolinas (DEC) or Duke Energy Progress (DEP) retail or wholesale customer and located within the state of North Carolina.
- Proposed location(s) must be a well-lit, safe location that is accessible and fits the use case to charge a plug-in electric vehicle for several hours. Preference will be given to underserved regions/locations.
- Proposed locations and projects will be assessed and ranked to ensure charging stations will be well utilized and maintained. Proposals not meeting initial thresholds may be considered during future rounds if funding is still available.
- Entities eligible for the initial round include local and state governmental entities, as well as non-profit organizations.
- Participants must agree to certify (as part of any formal agreement) that they had not otherwise committed to perform the EVCS installation (without project funding support) or are using the funds to satisfy any obligations that it may have under other applicable requirements of law.
- Financial compensation is proposed to be a reimbursement based on invoices paid and submitted by the participating entity, although upon request Duke Energy will consider upfront grant funding in situations where a detailed quote is provided and commitments are secured.
- Participants may choose to install EVCS behind their existing metered service or request a new extension service with a new meter. Standard tariff rates apply.
- Participants are responsible for all ongoing costs including but not limited to associated energy, maintenance, repair, and connectivity (if applicable) costs.
- EVCS must be new and purchased by the participant to qualify for any reimbursement (no used, refurbished, rented, leased, etc.).
- While participants must comply with state restrictions on the resale of electricity by kWh, it is up to the participant to decide whether to impose additional parking or service fees to users.
- Participant must agree to install proper signage to indicate parking space(s) served by the EVCS is for "Plug-in electrical vehicle use only."
- Participants must be the property owner, or have the express permission of the property owner, to install the EVCS.
- Third party vendors or businesses exclusively engaged in the provision of electric vehicle charging services are not eligible.
- Qualifying level of charging includes AC Level 1 (120 V up to 16 A) provided a cord set is hard-wired and AC Level 2 (208-240 V up to 40 A). Installation of basic 120 V outlets does not qualify.
- All city, county, or state government, property owner, rules, codes and regulations must be complied with during installation including the securing of any necessary permits and inspections.
- Qualifying costs for financial compensation include all reasonable costs associated with placing an EVCS in service including but not limited to the charging station equipment, installation labor, related materials and supplies, permitting fees, and utility service extension costs.
- Participants may be contacted to participate in Duke Energy's data collection on PEV charging practices to better understand EV driver's needs. Participation is appreciated but not required.