



SMART COLUMBUS MULTI-UNIT DWELLINGS (MUD) REBATE PROGRAM APPLICATION

MULTI-UNIT DWELLINGS (MUD) REBATE PROGRAM SUMMARY

According to the U.S. Department of Energy and other sources, 80-85% of electric vehicle (EV) charging occurs at home. Unfortunately, many people in multi-unit dwellings (apartments and condos) lack basic access to electricity for their vehicle. This presents a significant market barrier for residents of MUDs.

The Smart Columbus Electrification Program (SCEP) has launched a new rebate program to provide partial funding for new and existing multi-unit dwelling (MUD) developments in the Greater Columbus region to install electric vehicle (EV) charging facilities. The program will provide rebates to qualified applicants. Funding will be awarded on a first-come-first-serve basis, but SCEP reserves the right to select awardees based on overall geographical distribution of projects and other factors.

Developers and owners of MUD properties throughout the seven-county Columbus metro area (Franklin county and the six contiguous counties) are eligible for rebates as long as program funding is available. Property owners and developers will need to complete the application below, providing all required information. The Smart Columbus program office, with support from Clean Fuels Ohio, can provide assistance to help develop the project scope and provide required information. If the project meets required criteria and if funding remains, the project will be selected for an award. Actual payments will be made after all work is completed and can be inspected.

FUNDING LEVELS AND REQUIREMENTS

- Each applicant may receive a rebate of up to \$25,000 per property or facility, but cannot exceed \$3,500 per installed plug or parking space. This is calculated based on the total award divided by the number of EV connections or plugs dedicated for use by residents in the project.
- Applicants must provide a 35% of total project cost cash match requirement. Other incentives and funding programs can be used to meet the 35% match. (Additional non-residential plugs, i.e. for employees or the public, may count toward an applicant's match requirement but not for direct funding, since the program is designed to support residential charging.)

ELIGIBLE COSTS (REBATE AND MATCH-ELIGIBLE)

- Rebates may fund Electric Vehicle Supply Equipment (EVSE), either level 1 or level 2, and installation of equipment including wiring, needed panel upgrades, and labor, also signage and parking space stenciling. EVSE equipment is defined as chargers themselves plus systems designed to provide data capture, networking and demand response capabilities to multiple EVSE units. Funding can also cover pre-paid networking costs for one year.
- Applicants should specify equipment for use by residents (rebate eligible with match) and any equipment for use by non-residents (can be included as part of required match).



- SCEP recommends that developers of new properties, during the construction process, incorporate electrical wiring and panel capacity to electrify a minimum of 10% and up to 50% of parking spaces. While these make-ready costs are not eligible for rebate dollars, they will save considerable future costs for the developer.
- Costs related to education and promotion may be counted as part of match requirements.

EQUIPMENT REQUIREMENTS

- Installed equipment and system must be capable of capturing data from charging episodes. These data must be shared with SCEP for at least three years.
- The equipment must be subject to control by the utility and/or building management by accepting a demand response (DR) signal to control time of charge and possibly rate of charge to manage peak loads and mitigate possible facility demand charges.
- The project may include level 1 or 2 EVSE, or a combination of both.
- Minimum equipment requirements for the program are as follows: 2 spaces for buildings with 20 units or less; 3 spaces for buildings with 21 to 40 units; 4 spaces for buildings above 40 units.
- The rebate program encourages facilities to propose and install more chargers and plugs than the minimum requirement.
- The facility may install “smart” EVSE units, each with data capture and DR capabilities, or integrate technology to provide the entire system with these “smart” capabilities.
- The number of electrified spaces must correspond exactly to the number of plugs. Each EVSE unit may include one or multiple plugs. This must be specified.

FACILITY REQUIREMENTS

- Parking spaces must be clearly marked and reserved for plug-in EVs only.
- The facility must retain full ownership of equipment, not residents.
- Applications must spell out detailed site and engineering plans that show locations of EVSE units, parking spaces to be electrified, wiring, and any needed panel upgrades. These plans must be reviewed and approved by a licensed electrical engineer.
- Applicants must consult with the utility serving them in advance, and include information from the utility testifying to the suitability of the site for the amount of EVSE to be installed, any needs for service and/or distribution upgrades, cost of these upgrades and how these costs will be covered.
- SCEP recommends, but does not require, a system to authenticate users of each specific EVSE unit or the whole system.
- Charging must be free to users for the first 30 days upon installation. After this, the facility may either continue to provide free charging or require a reasonable monthly fee, and provide information on the fee and billing practices as part of quarterly reports. (SCEP reserves the right to offer tiered rebate funding for facilities that provide free charging to residents long-term.)

FUNDING AND REPORTING REQUIREMENTS

- Applicants need to be pre-approved by SCEP prior to installing EVSE at their facility.
- Funds will be reserved upon approval and awarded to selected applicants following completion and inspection of installed equipment. Applicants have six months to



complete selected projects, after which reserved funding will be released to be used toward other projects. Applicants can reapply for funding.

- All rebates are subject to funding availability.
- Awardees must provide quarterly reports to include data on utilization, marketing/educational efforts and any useful feedback from the facility and residents that can provide lessons learned and development of best practices.



Send application via email with subject line “Smart Columbus MUD Rebate Application” to: Nolan@cleanfuelsohio.org and copy: Sam@cleanfuelsohio.org

1. Type of Application

- New
- Revision

2. Date of Submission

Date:

3. Applicant Information

Legal Name of Entity/Applicant:

Address:

Applicant Mailing Address:

Street:

City:

State:

Zip/Postal Code:

Applicant Proposed Site Address:

Street:

City:

State:

Zip/Postal Code:

Employer/Taxpayer Identification Number (EIN/TIN):



Organizational DUNS:

Name and contact information of person to be contacted on matters involving this application:

First Name:

Last Name:

Title:

Phone:

Email:

4. Proposed Project

Start Date:

End Date:

5. Estimated Funding

Number of Parking Spaces to be Electrified (*enter total request*):

**minimum requirements:*

2 spaces for buildings with 20 units or less

3 spaces for buildings with 21 to 40 units

4 spaces for buildings above 40 units

***The program encourages facilities to propose and install more chargers and plugs than the minimum requirement*



MUD Program Funding Request (*enter dollar amount*):

**up to \$25,000 per facility/site & \$3,500 per plug*

Applicant/Matching Funds (*enter dollar amount*):

**minimum of 35%*

Total Project Costs (*enter dollar amount*):

6. Proposed Project Summary

Number of Residential Units in Dwelling:

Number of Parking Spaces in Dwelling:

Please Attach Site Drawing Indicating Specific Parking Spaces to be Electrified (required):

Is the Site Drawing Attached?

YES

NO

Please Attach Electrical Drawings Indicating Power Supply, Wiring Details, Locations of EVSE Units and Any Associated Equipment (required):

Is the Electrical Drawing Attached?

YES

NO

Are Project Details and Quote(s) for Installation, Equipment and Other Requirements Attached to Application?

YES

NO

Discuss Efforts Already Made to Engage Residents on Plans to Purchase EV, and Potential EV Charging at Facility:



How Many, if Any, Residents Own or Are Planning to Purchase an EV:

Discuss Plan for Outreach and Education to Encourage and Facilitate EV Adoption and Use of Chargers:

Has Applicant Been in Contact with Industry Providers to Solicit a Quote for Equipment or Installation?

YES

NO

Has Applicant Been in Contact with Electrician and the Electric Service Provider to determine new load requirements and capacity needs? (If Yes, provide verification)

YES, Verification Attached

NO

Additional Information (optional):

7. Detailed Budget

Cost of EVSE equipment:

(attached itemization in one or more quotes and specify what portion is designed for residents and what, if any, is available for non-residents and only can count as part of matching requirement)

Cost of installation:

Cost of electrical upgrades:



Pre-paid networking:

(include in attached quote(s))

Education and Promotion Costs:

(match eligible only)

Total Project Costs:

Total Rebate Requested:

Total Match Pledged:

8. Applicant Certifications

By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

I AGREE

Is the Applicant Delinquent on Any Debt? (If "Yes", provide explanation.)

YES

NO

Applicant is willing to meet equipment requirements outlined above:

YES

NO

Applicant is willing to meet facility requirements outlined above:

YES



NO

Applicant is willing to meet funding and reporting requirements outlined above:

YES

NO

9. Additional Attachments

Map of proposed site (please attach)

Quotes from vendors (if applicable)

10. Authorized Representative

First Name:

Last Name:

Title:

Phone:

Email:

Signature:

X

Applications for funding will be reviewed as they are received. Applicants will be notified if selected for funding as soon as September 2017.

Send application as an attachment via email with subject line “Smart Columbus MUD Rebate Application” to Nolan@cleanfuelsohio.org and copy Sam@cleanfuelsohio.org.