# 2022 North Carolina VW Settlement Program

Phase 2 Zero Emission Vehicle Infrastructure Program Level 2 Charging Public Access Application

This is a representation of the application information submitted by the applicant in the DAQ Grants Management System. Required application attachments and the original application are available to view in the DAQ Grants Management System.

**Applicant Contact Information** 

Applicant Contact Information					
Project Title					
Downtown Charging Stations					
Organization Name					
CITY OF ALBEMARLE					
Organization Mailing Address					
City, State Zip					
ALBEMARLE NC 28002-0190					
Authorized Representative Name					
Authorized Representative E-mail Address	Authorized Representative Phone Number				
Project Manager Name (primary contact)					
Project Manager E-mail Address	Project Manager Phone Number				
Financial Contact Name					
Financial Contact E-mail Address	Financial Contact Phone Number				

### **Project Details**

Program Type	Eligible Applicant Type
ZEV Infrastructure (EMA-9)	Government
Vehicle/Equipment Type	Project Type



## Project Location (where equipment will be installed and/or used)

Street Address					
144 N 2nd St					
City	County	Zip			
Albemarle	Stanly	28001			
GPS Coordinates (decimal degrees)					
Latitude (°N):	35.3507				
Longitude (-°W):	-80.19741				
	Yes/No				
Annual average of 12 hours or longer:	yes				

### **Project Funding**

As outlined in the RFP, this program is through a rebate process and the maximum rebate is calculated per the amounts in the table below. Rebates are capped at \$25,000 per applicant at any one time. Please refer to the request for proposal for detailed information on rebate caps.

**Eligible Rebate Amounts** 

Project Type	Accessibility to Public	Maximum Rebate per Port	Or (whichever is less)	Maximum % of Total Project Costs	
Government-Owned Property	Yes	\$5,000	or	100%	
Non-Government Owned Property	Yes	\$4,000	or	80%	



## **Project Details**

Please provide a detailed description of the proposed project. Describe procurement, installation, activation/commissioning, testing, and signage. Describe collaborations with interested utilities, local businesses, cities, counties, or other entities. Describe sustainable business model for this project. Describe customer support service accessibility. Describe networking security for both payment and data capture.

The City of Albemarle (COA) proposes to install two (2) Level 2 EV charging stations in the City to help support current electric vehicle (EV) drivers, as well as encourage further EV implementation to help lower emission levels in North Carolina. One of the chargers will be installed at COA City Hall, 144 N 2nd St. and the other at the COA Police Department, 155 W South St., both in the downtown area. The location at City Hall is one block away from the new Pfeiffer University - Center for Health Services. This location is home for professors and graduate students who may adopt EV usage with the convenient location. With both chargers being located in our historic downtown district, they will offer convenience to many dining and shopping options, all within a short walk. Both charging locations will be available for a minimum of 12 hours per day without access restrictions.

The COA will advertise the stations to the public to promote the use of EV's in our community. The City will structure a rate to recover the costs of delivering power to the stations. The City will also promote the stations using SemaConnect. This system will populate the stations on EV map sites (PlugShare, AFDC, Google, etc.) making the stations easy to locate. Additionally, SemaConnect has interoperability agreements in place so EV drivers have easy access to locate and pay for COA chargers. SemaConnect provides encrypted cellular payment options via credit/debit cards, as well as by smart phone app. SemaConnect also provides 24/7 technical support, remote monitoring & diagnostics, energy management, utilization data and reporting capabilities as required. The COA will use this data to determine if and when to in invest in future EV charging stations. The unit will be purchased using the National Cooperative Purchasing Alliance (NCPA) contract number 05-45. Employees in the City's Electric Department will be handling the installation of the charging stations with the exception of the electrical hookup. The electrical work will be performed by a licensed electrician per the requirements and inspected by the County inspections department to ensure all codes are met. Once the electrician has installed the unit, SemaConnect will be notified and the unit will be activated remotely via the unit's cellular connection, almost immediately. Staff from the City's Public Works Department will make and install the required signage as well as the stenciling in designated parking spaces.



#### Certification

The undersigned is an official authorized to represent the applicant. The person that submitted this document in the DAQ Grants Management System has the authority to legally bind the applicant or be the designated fiscal agent. The application was electronically signed in the DAQ Grants Management System when submitted by the applicant.

I certify that all proposed activities will be carried out; that all money received will be utilized solely for the purposes for which it is intended; that records documenting the planning process and implementation will be maintained and submitted when requested, and DEQ is hereby granted access to inspect project sites and/or records. It is understood that if this project is selected an agreement with DEQ will be executed.

Print Name of Authorized Representative	Title
Date	

### Required and Optional Attachments

Required application attachments and the original application are available to view in the DAQ Grants Management System.

- 1. Any nonprofit applicants required to obtain a Charitable Solicitation License from the North Carolina Department of the Secretary of State must provide a copy of the license.
- 2. Completed EV Level 2 Public Access Rebate Calculator Form
- 3. An itemized budget for the project.
- 4. Any optional attachments such as any supporting documentation or letters of support, etc.



# NC Level 2 Charging Station Rebate Calculation Worksheet

Version date: March 18, 2022

#### **Worksheet Instructions**

1. Fill in the BLUE spaces with your project information and check the box that corresponds to your project category. The potential rebate amounts will automatically calculate.

2. Upon completion of this worksheet, first save it, then upload it as an attachment with your application in the DAQ Grant Management System.

Organization Name:		City of Albemarle								
Project Title:		Downtown Charging Stations								
Insert total number of charging po	orts to be ins	talled:				4				
Insert total project cost:			\$ 2	9,000.00	İ					
Insert total of other rebates, incentives, subsidies (this amount will be subtracted from the total			-	.,						
project cost): If none enter 0.		,			\$	-				
Net project cost:			\$ 2	9,000.00						
		Category (check the appropriate ject category. Only one box car			Rel	laximum pate per ging Port	C. Maximum Rebate per Port x Number of Ports	D. Maximum % of Project Cost Allowed		et Project t x Max %
Project will be on <b>Government</b> Owned Property	Public acce	ess		•	\$	5,000	\$ 20,000	100%	\$	25,000
Project will be on  Non-Government Owned  Property	Public acce	ess		0	\$	4,000		80%		
							The Calculated Rebate C or E with a	e Amount is the lov maximum of \$25,		Column
							Calculated Reb	ate Amount	\$	20,000
							Enter this value as the "Co space provided on the Fur If approved by DEQ, this in your rebate voucher. I determined following proj the final calculated rebate	nding tab in your reb may be the rebate an The final rebate amou sect completion and c	ate ap nount s nt will annot	plication. specified be exceed
		Applicat	tion Si	te Loca	tion	(s)				
All Sites	on a single v	worksheet MUST be of the sam	ne Project (	Category. F	or exa	mple: Non	-Government with publi	ic access.		
Site Project Title	Ports	Street Address	Ci	ity		ZIP	Location Phone Number	Lat	I	Long
Downtown Albermarle Chargers	4	144 N 2nd Street	Alber	rmarle	2	8001	(555)555-5555	35.3507	-80	.19741
	<del>                                     </del>							1		