

# **South Carolina Electric Vehicle Charging Infrastructure Deployment Plan**

**In Support of the National Electric Vehicle  
Infrastructure Formula Program**

**(SC NEVI Plan)**

**August 1, 2022**



**South Carolina Department of Transportation**

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## **Introduction**

The South Carolina Department of Transportation (SCDOT) is responsible for adoption and implementation of the National Electric Vehicle Infrastructure (NEVI) Formula Program. This plan was created in consultation with the Energy Office of the South Carolina Office of Regulatory Staff (Energy Office) and the South Carolina Division of the Federal Highway Administration (FHWA-SC).

It is important to acknowledge that this initial plan was established with limited input from stakeholders due to the federally-required timeframe for completion. A consultant will be procured to assist with revisions to this plan. A broad stakeholder engagement initiative will be initiated upon procurement of a consultant. The information obtained during stakeholder engagement will be used to revise this plan on an annual basis; therefore, the information in this plan is subject to revision as forthcoming stakeholder engagement occurs.

South Carolina’s plan will prioritize placement of passenger car electric vehicle (EV) charging equipment along the interstate highway system to complement completion of the national network. Initial emphasis will be placed on rural sections of interstate where the lack of urban facilities make it less feasible for investments from the private sector. Public outreach and stakeholder engagement will occur to identify fair, equitable, and contextually appropriate locations for the equipment.

### **Dates of State Plan for Electric Vehicle Infrastructure Deployment Development and Adoption**

Initial development of this plan began in early 2022. The following preliminary milestone dates will be adjusted as needed during the annual updates to the plan.

<b>Milestone</b>	<b>Date</b>
Implementation of Interagency Working Group	Pending
Submittal of Initial Plan to the Joint Office	August 1, 2022
Initiate Process to Advertise for Consultant to Assist with Plan Updates	October 3, 2022
Procurement of Consultant to Assist with Plan Updates	Early 2023
Implementation of Public Engagement	Mid/Late 2023
Annual Update to the Plan	August 1, 2023
Anticipated Completion of Public Engagement	Mid 2024
Annual Update to the Plan	August 1, 2024
Implementation of Deployment/Upgrades	Late 2024
Annual Update to the Plan	August 1, 2025

## **State Agency Coordination**

The South Carolina Department of Transportation (SCDOT) was established as the lead agency to oversee the implementation of the NEVI Formula Program. Consultation with the Energy Office was established due to their role as the principal energy planning entity for South Carolina. SCDOT and the Energy Office maintained regular communication throughout the development of this plan.

An Interagency Working Group is being created in coordination with South Carolina Governor Henry McMaster to support stakeholder input for this initiative. The Interagency Working Group will include representatives from the following agencies/utilities:

- Office of the South Carolina Governor;
- South Carolina Department of Commerce;
- South Carolina Department of Transportation;
- South Carolina Department of Health and Environmental Control;
- South Carolina Office of Regulatory Staff;
- South Carolina State Fiscal Accountability Authority; and
- State and Investor owned utility companies, electric cooperatives, and public power utilities.

## **Public Engagement - Stakeholders**

SCDOT will identify stakeholders to be involved in the development of the NEVI plan by building upon previous stakeholder efforts in the state. One such effort is the South Carolina Electric Vehicle Stakeholder Initiative conducted by the Energy Office. The South Carolina Electric Vehicle Stakeholder Initiative (EV Stakeholder Initiative) launched in November of 2020 and was conducted throughout 2021, involving over 300 stakeholders. The Energy Office contracted the services of the Duke University Nicholas Institute for Environmental Policy Solutions to support the planning and facilitation of the stakeholder process. An Advisory Committee was formed and met regularly to provide guidance to the Energy Office. The purpose of the EV Stakeholder Initiative was to facilitate a collaborative statewide discussion to explore the opportunities to advance EV deployment in South Carolina, with the goal of developing a list of policy and programmatic recommendations to further EV deployment. The findings of this initiative are currently in draft form and are expected to be released in fall of 2022. Information obtained through the EV Stakeholder Initiative will be incorporated into the annual update of this plan.

Signed by South Carolina Governor Henry McMaster in May 2021, Act 46 (available online at [https://www.scstatehouse.gov/sess124\\_2021-2022/bills/304.htm](https://www.scstatehouse.gov/sess124_2021-2022/bills/304.htm)) references the EV Stakeholder Initiative, and provides for the creation of a Joint Legislative Committee on the Electrification of Transportation (Joint Committee), whose purpose is to “study the challenges and opportunities associated with the electrification of the transportation sector and make recommendations to the General Assembly to enable a fair, efficient, and cost-effective transition to electric transportation.”. The Joint Committee’s recommendations are to be informed by reports received from the SC Office of Regulatory Staff (ORS), the SC Public Service Commission (PSC), and the SC Department of Revenue (DOR). The PSC is required to open a docket, no earlier than April 1, 2023, for the purpose of identifying the regulatory challenges and opportunities associated with the electrification of the transportation sector through the study of listed issues. While the Act does not set a deadline for the PSC’s initial report to the Joint Committee, the PSC is required to open a docket to study these issues every three years after submitting the initial report. Finally, Act 46 requires the DOR, by September first of each year, to provide the Joint Committee an annual report that “details the prior fiscal year’s revenue collections, from whatever source derived, designated for the repair, maintenance, or improvements of the South Carolina transportation system.”. The findings of this initiative will also be evaluated for incorporation into annual updates of this plan.

Palmetto Clean Fuels Coalition (PCF) is a US Department of Energy (US DOE) recognized Clean Fuels coalition and an initiative of the Energy Office. PCF is a grassroots, locally based, voluntary public/private partnership with the goal of promoting energy use in the transportation sector that is clean, safe, less dependent upon foreign sources, and sustainable. It is part of a network of more than 75 active Clean Cities Coalitions throughout the country to help local decision makers and fleets, enabling local coalitions to leverage the resources of the US DOE Vehicle Technologies Office and the National Labs. PCF works with a wide spectrum of stakeholders, fleet managers, fuel providers, vehicle and technology providers, governmental entities, community leaders, and others. SCDOT will coordinate with PCF’s network of stakeholders to obtain feedback for annual updates to this plan.

PCF works with a broad spectrum of stakeholders to assist with alternative fuel infrastructure planning, general outreach and awareness, technical assistance and fleet coaching, and technical training and education. Notable examples of PCF projects include work on the Alternative Fuel Corridor nomination process, fleet assessments and technical support to municipalities and other fleets considering transitioning to alternative fuels, producing informational materials on EVs, and collaborating on EV bus

maintenance training. Of particular note is the Plug in SC Incentive Program. In September 2020, PCF launched the Plug in SC program to support the adoption of standardized EV charging station signage and branding throughout the state. Through this program, qualifying participants receive EV signage free of charge, so that their charging stations are easily identifiable and provide a uniform user experience across the state. The program continues to garner success, with a total of 87 signs having been installed at various EV charging stations across the state to date. All of South Carolina's publicly accessible EV charging stations are eligible to participate in the program.

In addition, the following Clean Cities projects will be utilized as guidance to assist with annual updates to this plan:

- Carolina Alternative Fuel Infrastructure for Storm Resilience (see discussion on "Resilience" in the section of this plan titled, "State Geography, Terrain, Climate and Land Use Patterns"): [https://cleancities.energy.gov/partnerships/search?project\\_search=2019+Advanced+Vehicle+Technologies+Research#carolina-resilience](https://cleancities.energy.gov/partnerships/search?project_search=2019+Advanced+Vehicle+Technologies+Research#carolina-resilience)
- Southeast Alternative Fuel Deployment Partnership [https://cleancities.energy.gov/partnerships/search?project\\_search=2017+Community-Based+Advanced+Transportation+Projects#CTE](https://cleancities.energy.gov/partnerships/search?project_search=2017+Community-Based+Advanced+Transportation+Projects#CTE)
- Southeast Regional Readiness [https://cleancities.energy.gov/partnerships/search?project\\_search=Electric+Vehicle+Community+Readiness#EVCR-southeast](https://cleancities.energy.gov/partnerships/search?project_search=Electric+Vehicle+Community+Readiness#EVCR-southeast)

The following preliminary list of stakeholders will be included in addition to other members identified by the Interagency Working Group. This list will be routinely updated to include additional organizations as the plan evolves.

- Metropolitan Planning Organizations and Regional Transportation Planning Organizations;
- Counties and cities, including coordination with existing EV charging programs;
- SC Public Service Commission;
- SC Department of Employment and Workforce;
- Regional and local public transit agencies;
- State logistics industry partnerships;
- State economic development entities;
- Responsible emergency/disaster preparedness functions in the State;
- Federally Recognized Tribes;
- Electric utilities and transmission and distribution owners;
- Port and freight authorities;
- Community-based organizations, small business associations, Chambers of Commerce;
- Private sector EV charging station owners and network operators;
- Investors in EV charging infrastructure;
- Minority and women-based organizations;
- Environmental justice, equity, and other community organizations with an interest in EV charging;
- EV industry organizations and EV advocacy groups;
- Automotive manufacturing;
- Tire manufacturing; and
- Gas station owners and operators.

Another relevant stakeholder initiative is the South Carolina Electric Transportation Network organized by the Conservation Voters of South Carolina, which is intended for networking, collaboration, technical assistance, and updates. Coordination with this group has been initiated and will continue as stakeholder initiatives move forward.

The Interagency Working Group will also serve as a resource for identifying the appropriate stakeholders to engage as part of this initiative.

### Public Outreach

South Carolina will utilize public engagement to ensure that decisions are made in consideration of and for the benefit of public needs and preferences. Public outreach will occur through a combination of in-person meetings, online meetings, online surveys, and workshops.

SCDOT will utilize the consultant to assist with creation and implementation of the public engagement initiative. The public engagement efforts will include the use of online engagement. SCDOT has successfully utilized online engagement for extensive and diverse public engagement for a number of planning initiatives recently, including the current update to the South Carolina Multimodal Transportation Plan.

## **Plan Vision and Goals**

This plan provides a multi-year approach to support a convenient, affordable, reliable, and equitable statewide and national EV network that is compliant with the NEVI Formula Program standards and requirements, which are currently in draft form as part of the Notice of Proposed Rulemaking process.

South Carolina's vision is to prioritize placement of NEVI compliant passenger car EV charging equipment along the interstate highway system to compliment completion of the national network. Initial emphasis will be placed on rural sections of interstate where the lack of urban facilities make it less feasible for investments from the private sector.

The goals are as follows:

- Update this plan annually by August 1 for each year of the NEVI Formula Program;
- Conduct a robust stakeholder engagement initiative to guide annual updates to this plan;
- Implement EV charging infrastructure only upon completion and evaluation of stakeholder input;
- Work closely with electricity providers to ensure selected EV charging sites can be provided with electricity in a cost-effective and reasonable manner;
- Provide a minimum of four (4) – 150kW Direct Current Fast Chargers (DCFCs) per site that can simultaneously charge four (4) EVs with 150kW available per EV;
- Ensure EV charging infrastructure sites are located at a maximum spacing of 50 miles along the interstate system and a maximum of one (1) travel mile from the interstate; and
- Ensure the sites comply with the pending NEVI Formula Program standards and requirements.

Annual updates to this plan may modify the vision and goals based upon stakeholder input.

## **Contracting**

South Carolina will utilize a competitive advertisement for consultant services to procure expertise to revise this plan on an annual basis. Revisions to this plan will include criteria for designing, maintaining, constructing, monitoring, and operating EV charging equipment. Annual updates to this plan will incorporate feedback from all stakeholders.

A competitive advertisement will be pursued when the plan is ready for implementation. The contracting method is yet to be determined; however, the initial assumption will be to establish a contract for design, construction, maintenance, and operations of EV charging equipment. The contract will include the following requirements:

- Design and construct the sites in accordance with NEVI Formula Program requirements;
- Goals for disadvantaged business enterprises;
- Maintain and operate the EV charging sites; and
- Report on metrics as required by the NEVI Formula Program standards and requirements, including additional metrics as deemed appropriate to ensure effective implementation.

## **Buy America**

The program will achieve compliance with Buy America as specified in the April 18, 2022 memorandum from the Office of Management and Budget, available online at <https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf>. Close coordination will occur with FHWA-SC to determine if flexibility is allowed if a determination is made that domestic availability of EV charging equipment is delaying the implementation of the NEVI Formula Program.

The stakeholder initiative will serve as a resource to ensure the latest developments in domestic EV charging equipment are being considered. In addition, SCDOT has established monthly coordination calls with our neighboring states (Georgia and North Carolina) to ensure NEVI plans are well coordinated. These monthly coordination calls facilitate a discussion forum for domestic availability of EV charging equipment. SCDOT has also joined the EV Practitioners Working Group of the American Association of State Highway and Transportation Officials (AASHTO) to ensure engagement on a national level with developments for EV charging infrastructure.

## Existing and Future Conditions Analysis

South Carolina registration of EVs, to include battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs), are depicted in Figure 1. BEVs are defined as battery powered electric vehicles that operate without an internal combustion engine. PHEVs are defined as vehicles that have both an internal combustion engine and a battery powered electric motor.

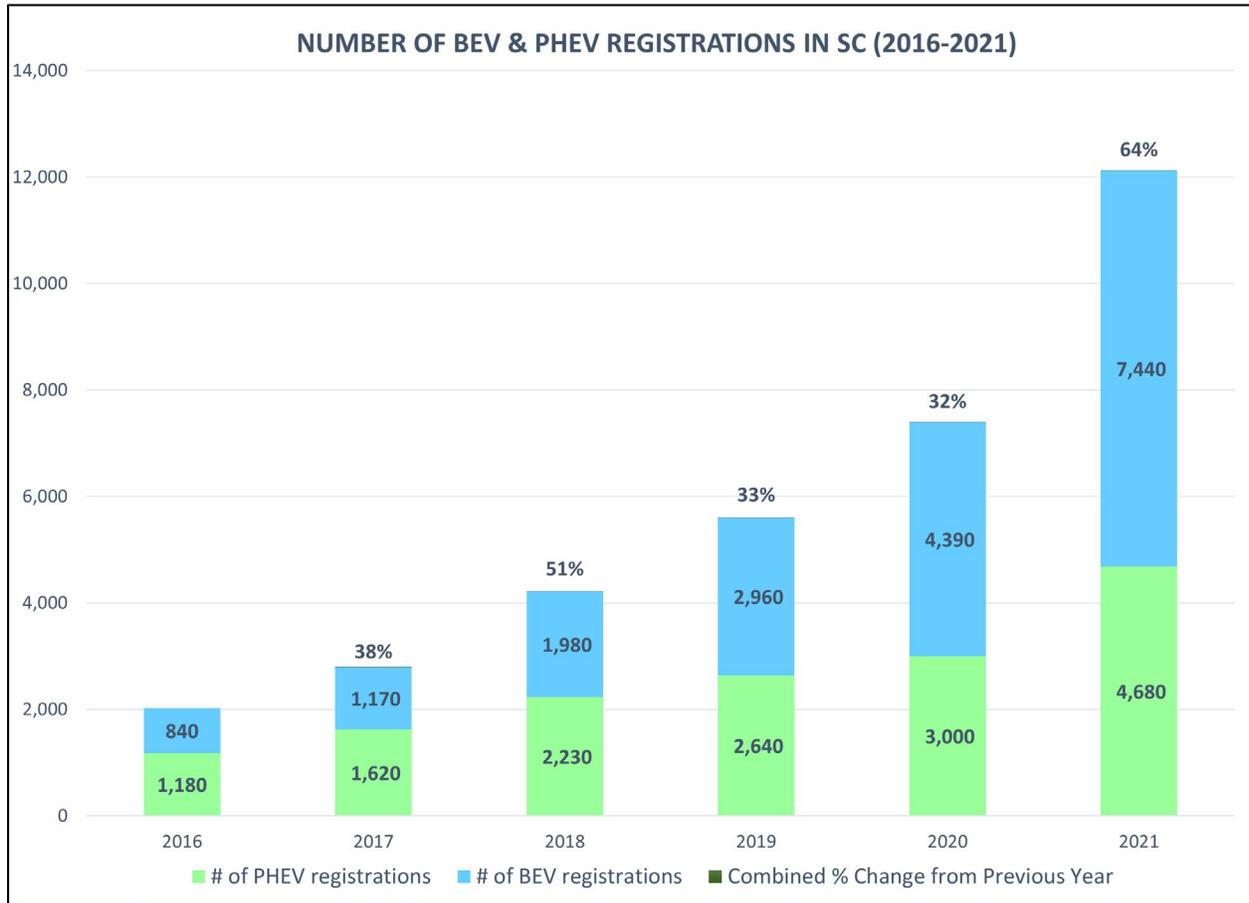


Figure 1 – Number of BEV and PHEV Registrations in South Carolina

Derived Registration Counts by the National Renewable Energy Laboratory, Experian Information Solutions

Figure 2 depicts EV registrations and Charging Stations located in South Carolina during 2016. For comparison purposes, Figure 3 depicts the same data for 2020.

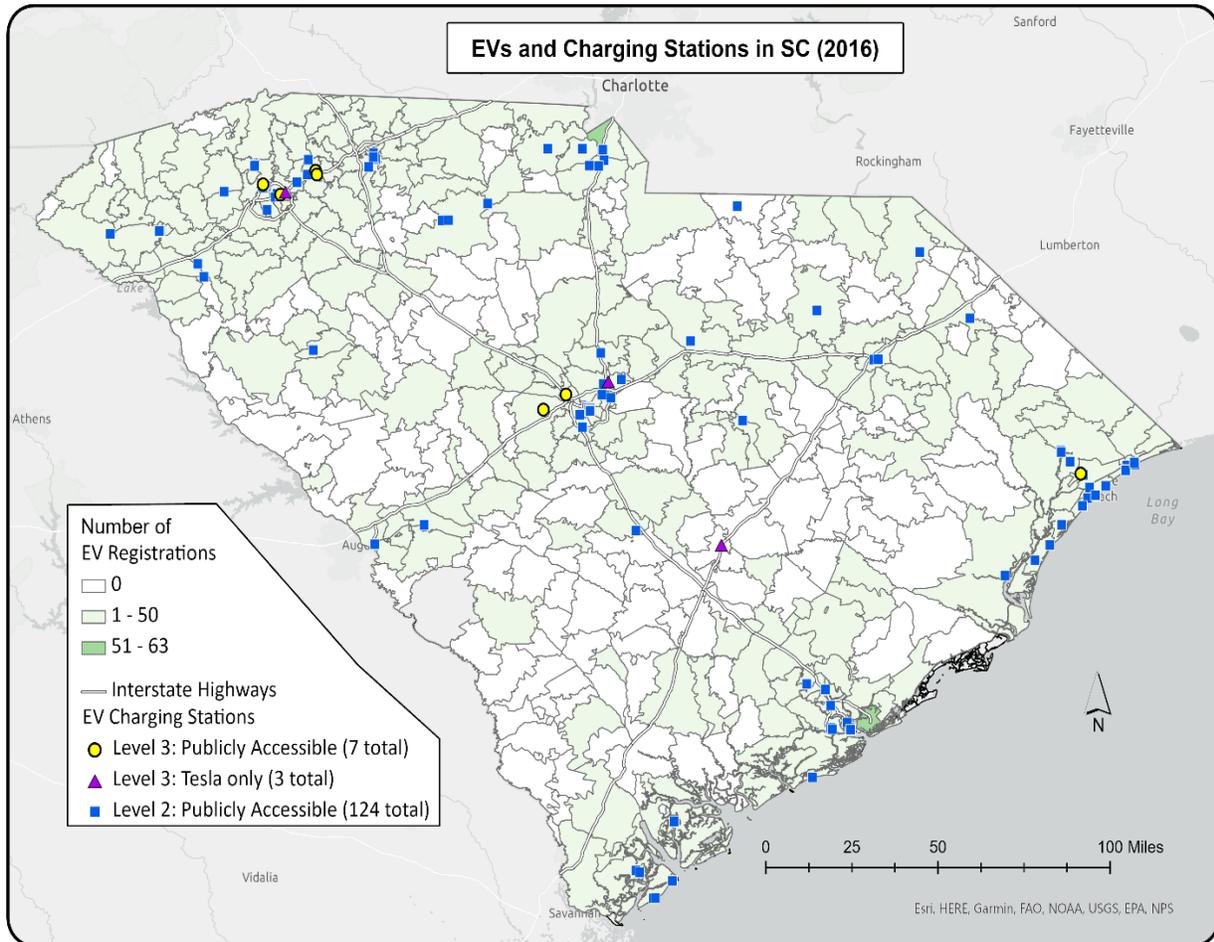


Figure 2 – South Carolina EV Registrations and Charging Stations in 2016

Information obtained from the National Renewable Energy Laboratory, Experian Information Solutions and the United States Department of Energy Alternative Fuels Data Center.

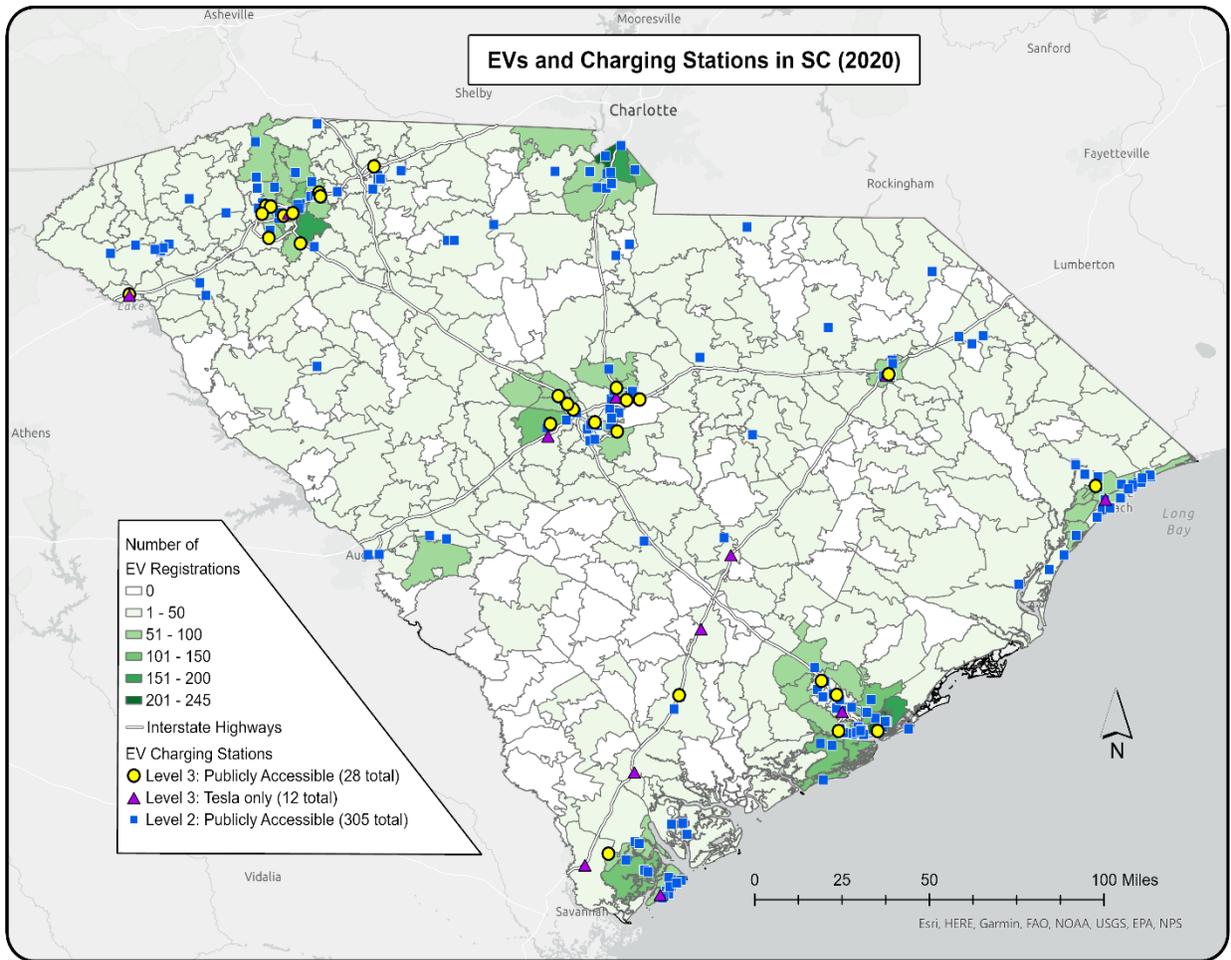


Figure 3 – South Carolina EV Registrations and Charging Stations in 2020

Information obtained from the National Renewable Energy Laboratory, Experian Information Solutions and the United States Department of Energy Alternative Fuels Data Center.

## Electric Utility Providers

Electric utility providers in South Carolina are comprised of the following service providers:

### State-Owned Utility

- Santee Cooper

### Investor-Owned Utilities

- Dominion Energy South Carolina
- Duke Energy Carolinas
- Duke Energy Progress
- Lockhart Power Company

### Electric Cooperatives

- Twenty-three (23) electric cooperatives located throughout the state

### Municipal Utilities

- Twenty (21) municipal utilities located throughout the state

Electric utility providers in South Carolina have displayed interest in supporting EV charging by way of the sharing information with the public as shown at websites below:

### Santee Cooper

<https://www.santeecooper.com/news/2022/012422-Santee-Cooper-approves-500000-grant-program.aspx>

### Dominion Energy

<https://www.dominionenergy.com/south-carolina/save-energy/electric-vehicles>

### Duke Energy

<https://www.duke-energy.com/energy-education/electric-vehicles>

### Electric Cooperatives

<https://energysmartsc.org/electric-vehicles/>

### Municipal Utilities

<https://www.masc.sc/Pages/newsroom/uptown/May%202022/Cities-Drive-Charge-for-Vehicle-Electrification.aspx>

A map of the electric utility service areas can be found online at <https://energy.sc.gov/node/3071>.

The demand for electricity depends on numerous variables, one of which is weather, with peaks resulting from air conditioning use in the summer and heating use in the winter. Most of South Carolina's utilities tend to reach their peak demand in the summer, although recently they have experienced peaks in both summer and winter. Utilities need sufficient capacity to meet this demand, which is defined as the maximum electric output a generator can produce under specific conditions and is measured in megawatts (MWs).

South Carolina has two multi-state utilities (Duke Energy Carolinas and Duke Energy Progress) that share the electricity generated in both South Carolina and North Carolina among their customers in the Carolinas. The pro rata share data in Figure 4 represents the portion of electricity generation capacity allocated in South Carolina.

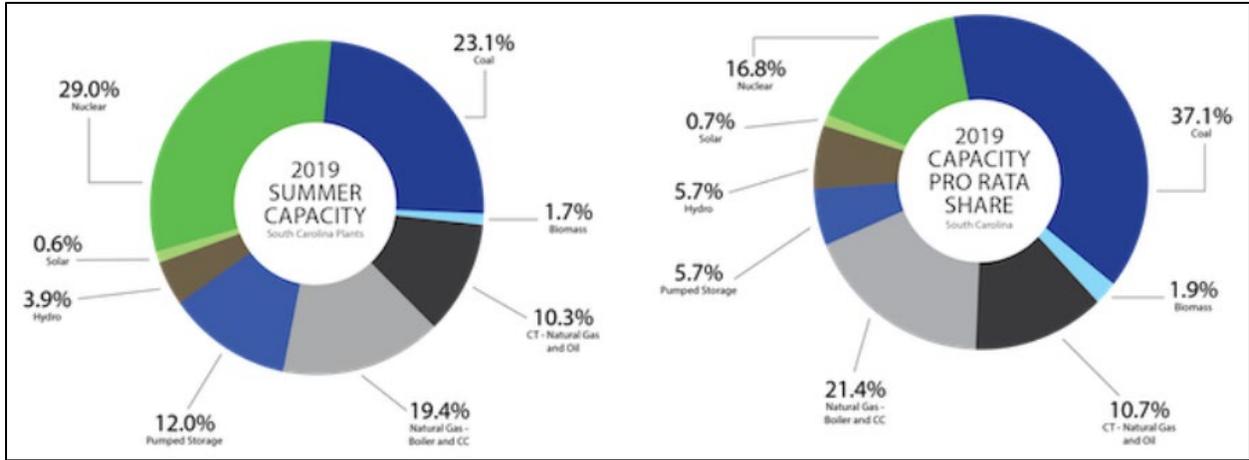


Figure 4 – South Carolina Electricity Grid Capacity and Pro Rata Share in 2019

Electricity generated in South Carolina is not necessarily consumed in the state. As previously discussed, South Carolina has two multi-state utilities (Duke Energy Carolinas and Duke Energy Progress) that share the electricity generated in both South Carolina and North Carolina among their customers in the Carolinas. Therefore, the generation fuel mix does not solely represent the consumption by South Carolina customers, due to electric resources being shared across both states. The pro rata share data in Figure 5 represents the portion of electricity consumed in South Carolina.

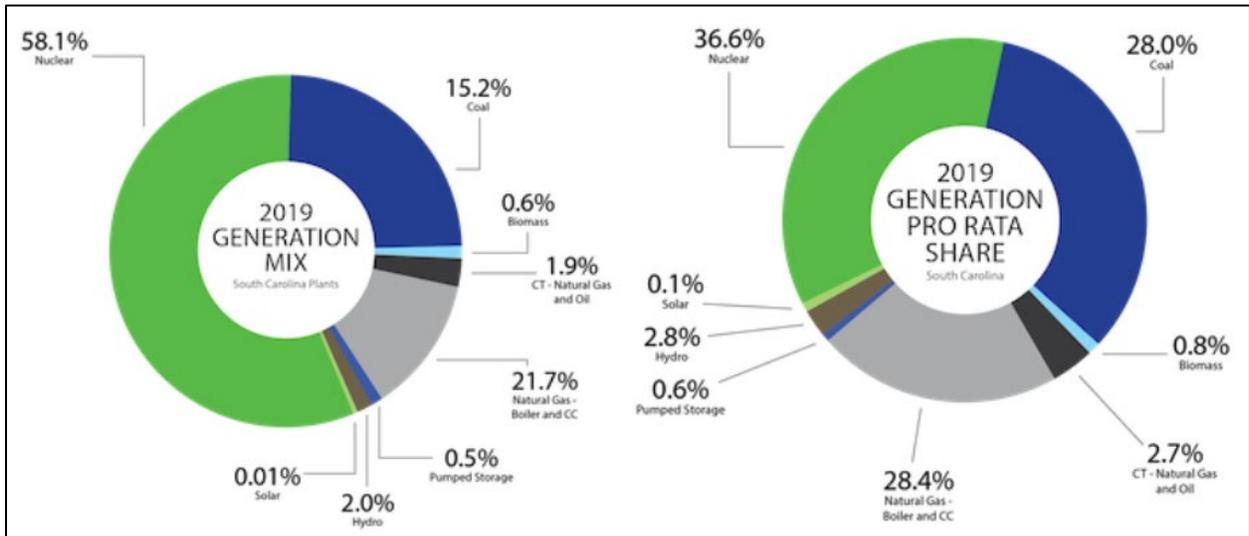


Figure 5 – South Carolina Electricity Generation and Pro Rata Share in 2019

## State Geography, Terrain, Climate and Land Use Patterns

South Carolina's geography, terrain, climate, and land use patterns will influence the load profiles for EV charging equipment and will also play a role in how EV owners will charge and drive. Consideration will be provided for these variables as further development of specific locations for EV charging equipment are identified. The following information provides an overview of South Carolina specific characteristics.

### Geography

The state can be divided into three natural geographic areas which then can be subdivided into five distinct cultural regions. The natural environment is divided from east to west by the Atlantic coastal plain, the Piedmont, and the Blue Ridge Mountains. Culturally, the coastal plain is split into the Lowcountry and the Pee Dee region. The upper Piedmont region is referred to as the Piedmont and the lower Piedmont region is referred to as the Midlands. The area surrounding the Blue Ridge Mountains is known as the Upstate.

### Terrain

The state's terrain can be divided into three areas. The Atlantic coastal plain, the Piedmont, and the Blue Ridge Mountains. The Atlantic coastal plain is relatively flat. The Piedmont is also relatively flat in the southern portion with rolling hills near the center of the state and high hills to the northern portion of the Piedmont. The Blue Ridge Mountains have low soft hills in the southern portion and majestic mountains in the northern portion.

### Climate

The following information was obtained from the website of the South Carolina State Climatology Office (<https://www.dnr.sc.gov/climate/sco/index.php>). South Carolina has primarily a humid subtropical climate, with hot humid summers and mild winters. There is no wet or dry season; only relatively heavy precipitation periods or light precipitation periods. No month averages less than two inches of precipitation anywhere in South Carolina. In northwestern South Carolina, winter precipitation is greater than summer; the reverse is true for the remainder of the state. During summer and early fall of most years, the state is affected by one or more tropical storms or hurricanes.

Severe weather occurs in South Carolina occasionally in the form of violent thunderstorms and tornadoes. Although less frequent than surrounding states, thunderstorms are common in the summer months. The more violent storms generally accompany squall lines and active cold fronts of late-winter or spring. Strong thunderstorms usually bring high winds, hail, considerable lightning, and rarely spawn a tornado.

Tropical cyclones affect the South Carolina coast on an infrequent basis, but do provide significant influence annually through enhanced rainfall inland during the summer and fall months. Depending on the storm's intensity and proximity to the coast, tropical systems can be disastrous. The major coastal impacts from tropical cyclones are storm surge, winds, precipitation, and tornadoes. Hurricanes are the most intense warm season coastal storms and routinely threaten South Carolina during the Atlantic Hurricane Season, which runs from June 1 through November 30 of each year.

Flooding occurs on several streams in the state each year. A certain amount of control can be effected on the large rivers which have dams. The state can experience riverine flooding any month of the year. However, it is most likely to occur in association with tropical cyclones, because of their typically slow forward motion and abundant moisture.

## Resilience

A project is underway by E4 Carolinas titled, “Carolina Alternative Fuel Infrastructure for Storm Resilience Plan”. This project engages appropriate Carolina alternative fuel vehicle stakeholders. They will undertake planning, training, and implementation to create an integrated Carolina plan to employ alternative fuel vehicles in enhancing resilience during, and recovery from, infrastructure disruption. The plan will establish emergency procedures, training, and best practices for the diversification of, and access to, alternative fuels to expedite storm recovery, increase disruption resilience and ensure that alternative fuel supplies are reliable during times when conventional fuel supplies are susceptible to disruption. This project will produce a plan augmenting the content of both North Carolina’s and South Carolina’s emergency preparedness plans by clearly identifying 1) alternative fuel vehicle (AFV) fleets which can be employed in storm, disaster, or petroleum fuel disruption recovery, 2) alternative fuel resources for such fleets, 3) means by which alternate fuel vehicles can better serve in recovery actions, and 4) communication of information regarding fleets and alternate fuel systems to facilitate increased utilization. The final report for this project will be issued on or before November 1, 2022. The findings of this report will be reviewed to determine if they are appropriate for South Carolina’s implementation of the NEVI Formula Program.

## Land Use Patterns

The stakeholder engagement process will ensure coordination occurs with the local/regional planning authorities. This coordination will allow us to understand existing and future development characteristics of land with the goal of using the information to assist with strategic placement of EV charging equipment.

State Travel Patterns, Public Transportation Needs, Freight and Other Supply Chain Needs

Population in South Carolina has continued to increase, with the state ranked as the 10<sup>th</sup> fastest growing in the country following the 2020 Census. Between the decennial Census of 2010 and 2020, the population in South Carolina grew by 10.7% to 5.1 million citizens, an increase of 493,041 people. By 2040, the population is expected to surpass 6.3 million.

Between 2010 and 2020, South Carolina saw a shift in population from the state’s rural to urban areas, with significant growth following the I-26, I-85 and I-77 corridors. Reference Figure 6 for a map depicting this shift in population.

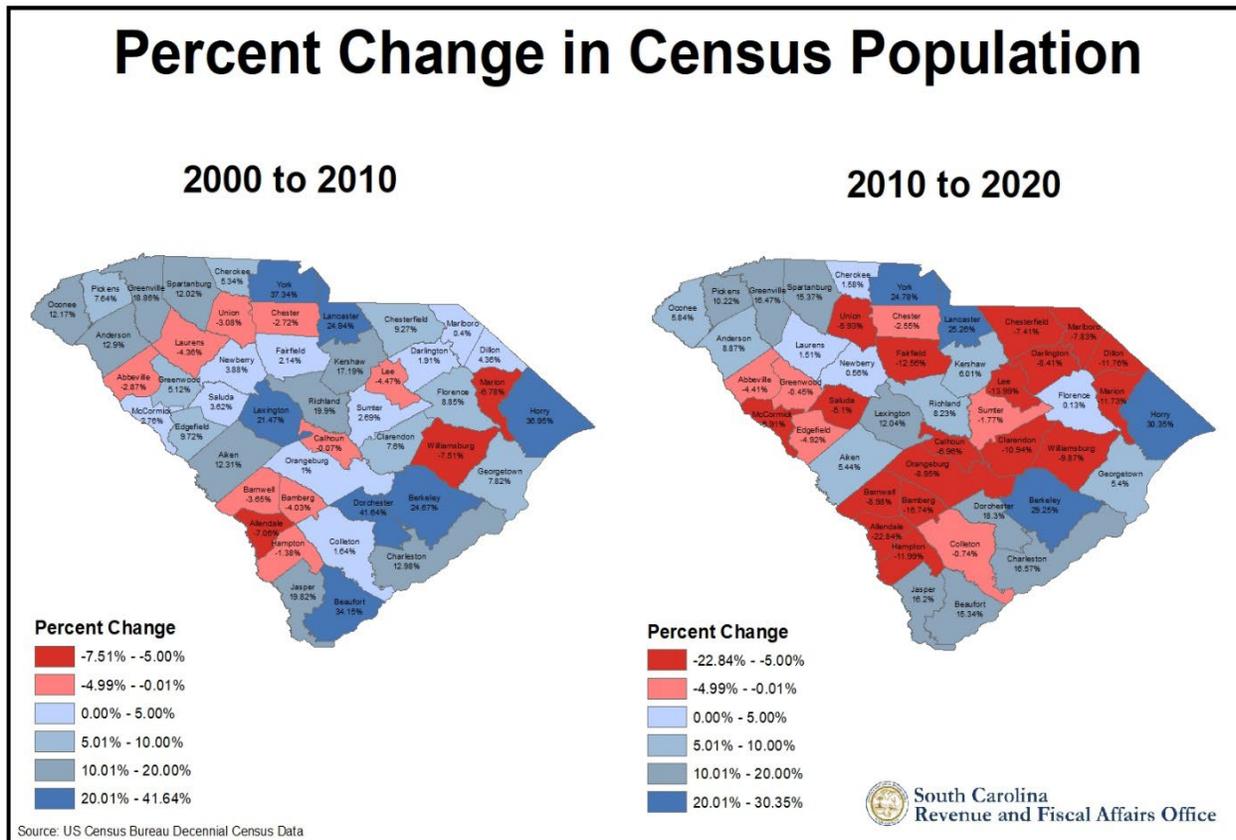


Figure 6 – South Carolina Percent Change in Census Population

Over 30 million visitors come to South Carolina each year to enjoy our rich history, charming cities, beautiful beaches, and mountains. South Carolina is home to industry giants, such as BMW in the Upstate region as well as Boeing, Mercedes Benz, and Volvo in the Charleston region. South Carolina is also considered the “Tire Capital of the World” with Bridgestone, Continental, and Michelin manufacturing plants around the state.

The South Carolina Ports Authority (SCPA) relies on an effective highway and rail system to move goods throughout South Carolina as well as throughout the southeastern United States. SCPA operates the state’s vital seaport assets in Charleston. This is a \$53 billion-a-year economic engine generating 1 of every 11 jobs within the state. In October 2013, the first inland port opened in South Carolina allowing

the Port of Charleston to reach 212 miles inland to Greer and in 2018, the second inland port opened in Dillon, South Carolina. The addition of these two South Carolina inland ports provides shippers' access to more than 95 million consumers within a day's drive.

Twenty-eight public transit systems operate in 42 of South Carolina's 46 counties. Given the close proximity to Clemson University's International Center for Automotive Research (CU-ICAR), Proterra, a manufacturer of electric transit buses and electric charging systems, located a manufacturing facility in Greenville. With the advantage of having an industry leader within the state, a number of transit systems, including those in Charleston, Greenville, Clemson, and Rock Hill (just south of Charlotte), have introduced electric buses and charging infrastructure to their fleets.

**AFC - Corridor Networks**

The below chart specifies the Alternative Fuel Corridor (AFC) designations that have been identified by South Carolina as part of rounds 1 through 6 of the AFC designation process.

<b>Route</b>	<b>Status - Date</b>	<b>Amount of Corridor</b>
I-85	Ready as of 2022	Entire Length of Corridor
I-77	Ready as of 2022	Entire Length of Corridor
I-26	Ready as of 2022	From Irmo to Orangeburg and from Ladson to Charleston
I-26	Pending as of 2022	From SC/NC border to Irmo and from Orangeburg to North Charleston
I-95	Pending as of 2022	Entire Length of Corridor
I-20	Pending as of 2022	Entire Length of Corridor

All of the aforementioned AFCs will require evaluation of existing EV charging infrastructure to ensure compliance with the NEVI Formula Program standards and requirements. Figure 8, Figure 10, and Appendix B specify the current EV charging sites along AFCs that are potentially NEVI compliant as-is. Annual updates to this plan will include evaluations of existing EV charging sites along AFCs to determine if they can be utilized as-is or upgraded to meet the requirements of the NEVI Formula Program.

## Existing Locations of Charging Infrastructure Along AFCs

The following figures depict public accessible EV chargers in South Carolina. Reference Appendix A for data that was utilized to create Figure 7. Reference Appendix B for data utilized to create Figure 8.

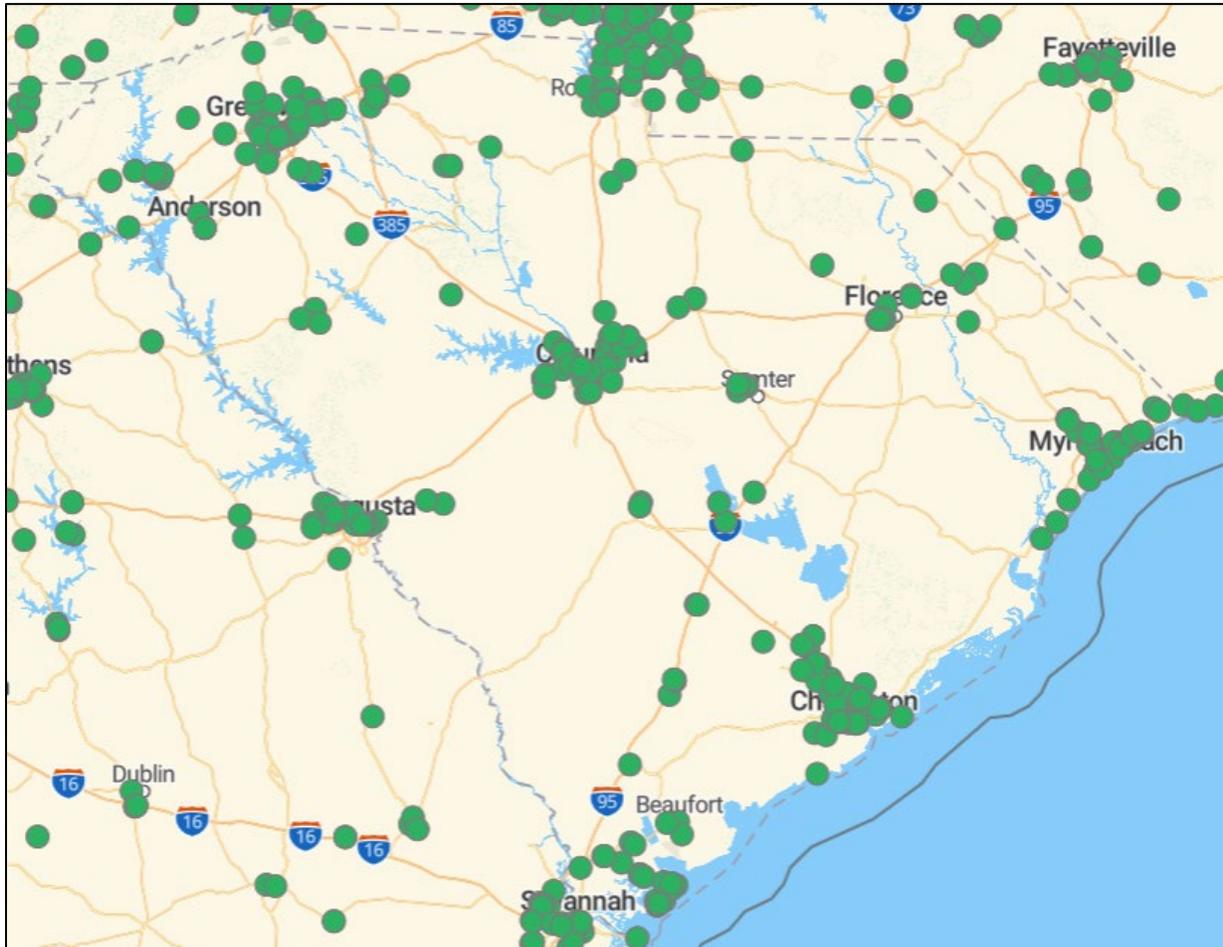


Figure 7 – Existing Public DCFC and Level 2 Chargers in South Carolina  
Information Obtained from <https://afdc.energy.gov>

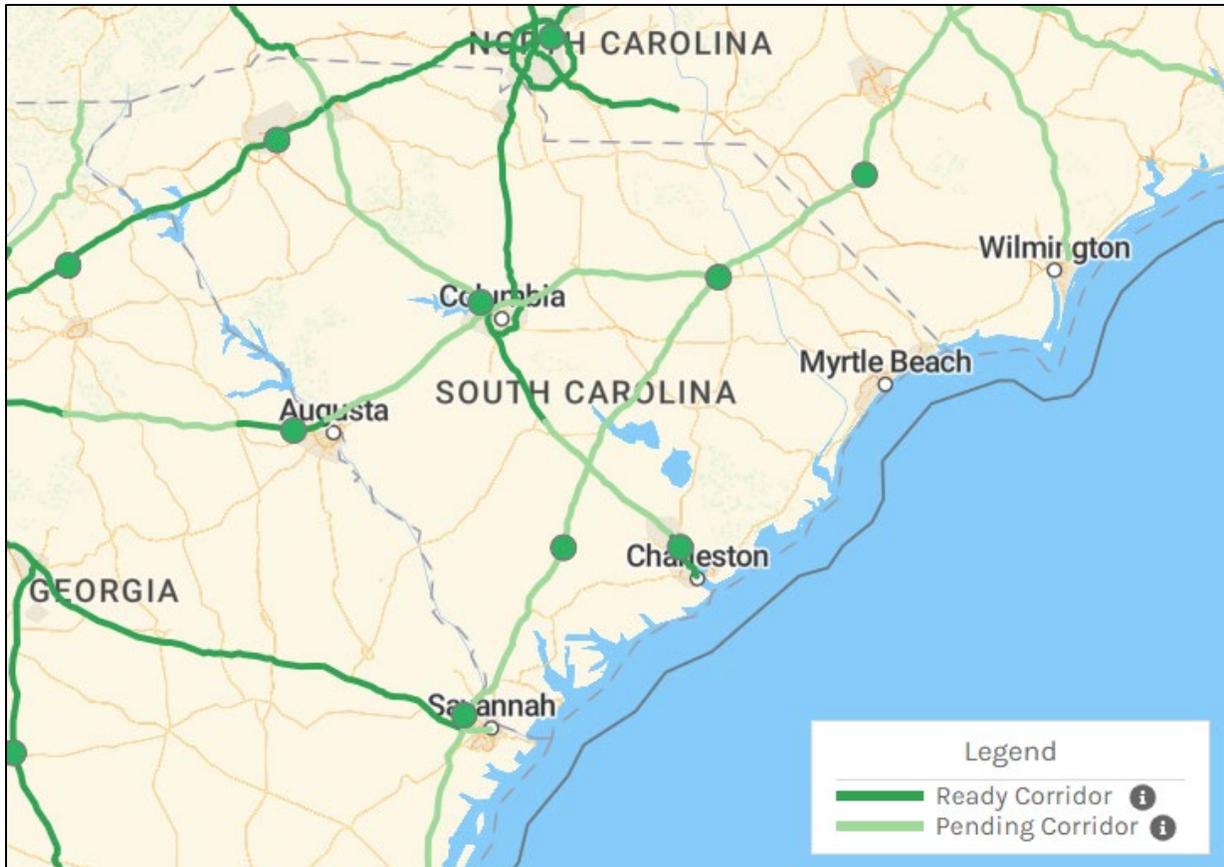


Figure 8 – Existing Public DCFC Locations on South Carolina AFC Corridors  
 Information Obtained from <https://afdc.energy.gov>

### Known Risks and Challenges

In the current market, it is reasonable to consider challenges may arise concerning labor shortages, supply chain issues with construction materials and computer chips, volatile fuel prices, and unstable cost estimation. These issues may impact timeliness and efficiency for the delivery of this initiative.

Upon selection of a consultant, the forthcoming stakeholder engagement initiative will potentially identify other risks for which mitigation strategies will be developed to ensure challenges are overcome.

## **EV Charging Infrastructure Deployment**

South Carolina is aware of the NEVI Formula Program Guidance document (dated February 10, 2022) and also of the Notice of Proposed Rulemaking (NPRM) for Minimum Standards and Requirements for the NEVI Formula Program that was issued for public comment on June 22, 2022. The comment period for the NPRM closes on August 22, 2022. South Carolina will ensure that the deployment of EV charging equipment occurs in compliance with the program guidance and final version of the minimum standards. The deployment is anticipated to focus on rural sections of the interstate system where the lack of urban facilities make it less feasible for private sector investments. Upon selection of a consultant, public outreach and stakeholder engagement will be initiated to serve as the primary resource of information to guide revisions to the vision and goals specified in this plan.

### **Funding Sources**

SCDOT will evaluate the feasibility for obtaining the matching funds from entities that will receive revenue from the EV charging stations. SCDOT will also evaluate the feasibility of providing matching funds from the State Highway Fund or the State General Fund.

### **2022 Infrastructure Deployments/Upgrades**

Figure 9 depicts the results of a preliminary analysis to identify the anticipated maximum number of EV charging sites that will be needed to achieve compliance with the NEVI Formula Program. The number of interchanges are also specified to assist with understanding the feasibility of establishing host sites along these corridors.

<b>AFC</b>	<b>Amount of Corridor</b>	<b>Length (miles)</b>	<b>Number of Interchanges</b>	<b>Anticipated Maximum Number of EV Charging Sites to Achieve NEVI Compliance</b>
I-85	Entire Length of Corridor	106	37	2
I-77	Entire Length of Corridor	91	29	2
I-26	From Irmo to Orangeburg	48	17	1
I-26	From Ladson to Charleston	16	9	1
I-26	From SC/NC border to Irmo	101	25	2
I-26	From Orangeburg to North Charleston	56	13	1
I-95	Entire Length of Corridor	199	39	4
I-20	Entire Length of Corridor	141.5	34	3

Figure 9 - Anticipated Maximum Number of EV Charging Sites to Achieve NEVI Compliance

Figure 10 identifies EV charging sites on AFCs that are potentially NEVI compliant. These sites will be further evaluated to ensure compliance with the current and pending NEVI requirements and if deemed compliant, will be used to supplement the number of new sites needed to achieve compliance with the NEVI Formula Program.

Information in Figure 10 was obtained from the US Department of Energy Alternative Fuels Data Center. All locations have been identified as being within one (1) mile of an AFC designation by FHWA with a minimum of four (4) 150kW DC Fast Chargers with Combined Charging System (CCS) connectors.

<b>ID</b>	<b>Alternative Fuel Corridor</b>	<b>Street Address</b>	<b>City</b>	<b>Zip Code</b>	<b>EV Network</b>
122985	I-26	7250 Rivers Ave	North Charleston	29406	Electrify America
133662	I-85 / I-385 (interchange)	1211 Woodruff Road	Greenville	29607	Electrify America
167167	I-20 / I-95 (interchange)	230 N Beltline Drive	Florence	29501	Electrify America
169353	I-26	360 Harbison Blvd	Columbia	29212	Electrify America
169461	I-95	2110 Bells Highway	Walterboro	29488	Electrify America

Figure 10 – Potential NEVI Compliant EV Charging Sites

Annual updates to this plan will include evaluations of existing EV charging sites along AFCs to determine if they can be utilized as-is or upgraded to meet the requirements of the NEVI Formula Program.

The consultant will assist with identifying more precise locations for the EV charging infrastructure based upon completion of the stakeholder engagement initiative.

State, Regional, and Local Policy

The Interagency Working Group and the stakeholder initiative establishes a statewide forum to ensure that state and local policies are implemented to support the completion of the NEVI Formula Program. South Carolina is engaged on a monthly basis with our neighboring states to ensure regional approaches are coordinated.

## **Implementation**

Implementation of the plan will adhere to all applicable requirements specified for the NEVI Formula Program. Additional details are provided in the following sections.

### **Strategies for EV Charging Infrastructure Operations & Maintenance**

Based upon an initial assessment of industry trends, a minimum five (5) year period of support after construction will be established for maintenance and operations of the equipment. This timeline will be reevaluated as part of the annual update to this plan and in conjunction with stakeholder engagement. The costs for maintenance and operations are anticipated to be 5 – 10 percent of the installation costs.

### **Strategies for Identifying Electric Vehicle Charger Service Providers and Station Owners**

The current strategy is to utilize a competitive process to identify the selected service provider(s) to design, construct, operate, and maintain EV charging stations. The selected service provider(s) will also be responsible for generating reporting metrics to measure success of the NEVI Formula Program. This strategy may evolve based on the information received from stakeholder engagement.

We anticipate the selected service provider(s) will obtain the necessary agreements and permits to establish host sites with public or private entities.

### **Strategies for EV Charging Equipment Data Collection & Sharing**

The selected service provider(s) will be contractually obligated to provide data required for compliance with the NEVI Formula Program. South Carolina will ensure open and transparent availability of data.

### **Strategies to Address Resilience, Emergency Evacuation, Snow Removal/Seasonal Needs**

South Carolina climate, as previously discussed in this plan, includes snow/ice, tropical systems, and heavy rains with flooding. The level of climate diversity requires that each EV charging station site have a unique analysis of natural threats to ensure resiliency is established at the host sites.

Further considerations will be provided to determine the feasibility of providing backup power generation for the EV chargers in the event of a natural disaster that interrupts the power grid.

In addition, reference the narrative for the E4 Carolinas project that was provided in the section of this plan titled, “State Geography, Terrain, Climate and Land Use Patterns”.

### **Strategies to Promote Strong Labor, Safety, Training, and Installation Standards**

South Carolina will coordinate with EV charging industry leaders to ensure appropriate certifications for labor are contractually required by the service provider to promote safety, training, and compliant installation/operation of EV chargers.

Reference the section of this plan titled, “Equity Considerations” for additional information on labor/workforce strategies.

## **Civil Rights**

South Carolina will adhere to Title VI of the Civil Rights Act of 1964 regarding discrimination by recipients of federally funded programs, Section 504 for the Rehabilitation Act of 1973, and with the American with Disabilities Act. SCDOT is the lead agency for implementation of the NEVI Formula Program and has extensive experience with achieving compliance with the aforementioned Acts. The SCDOT Office of Minority & Small Business Affairs will provide expertise and assistance on matters related to Civil Rights. The forthcoming stakeholder engagement initiative will connect relevant stakeholders (both public and private) to ensure a well-balanced approach to implementation of the NEVI Formula Program. Contractual controls will be implemented to ensure compliance with the necessary requirements. These controls will apply to everything from EV charger installation, operation and maintenance, to equitable and accessible unit placement and payment methods.

## **Equity Considerations**

With the cost of gasoline significantly increasing in 2022, the extreme fluctuation of gasoline makes travel by electric vehicle a competitive option for consumers. Limited transportation options and high fuel prices disproportionately impact many low-income neighborhoods across our state. Expanding accessibility to electric vehicle charging in low-income and disadvantaged communities is important to provide all income groups with opportunities to access alternative sources of transportation.

Consistent with the Justice40 initiative, SCDOT will consider how disadvantaged communities will benefit from the added job growth resulting from the NEVI Formula Program and will examine the availability of the workforce to meet the proposed requirements. The installation and maintenance of EV charging equipment is required to be performed safely by a skilled workforce that has appropriate licenses, certifications, and training. SCDOT will take proactive steps to work with entities like training providers, workforce boards, labor unions, other worker organizations, community-based organizations, and non-profits to build a local workforce that will support the EV network. This includes encouraging the expansion of registered apprenticeship programs and other programs that prepare workers for employment opportunities in this emerging field.

To ensure payment options are not only secure but also equitable and accessible, SCDOT will evaluate innovations in payment methods. This includes proposed requirements that payment options are ADA compliant and include contactless payment be accepted from all credit and debit cards, and that access and service are not restricted by membership or payment method type. Not requiring that a sole payment method be credit card takes into consideration the needs of the unbanked and underbanked who may need to pay via another payment method, such as a prepaid card developed to be used at EV charging stations or software applications on smart devices.

Given that South Carolina's population centers are largely spread out across the state, moving people to and from these centers via the major interstates is important. Moreover, South Carolina's economy is largely dependent on tourism and manufacturing. With an unemployment rate of 3.4 percent, and the importance of manufacturing and tourism, it is critical that the state be able to effectively move both goods and people. Increasing access to electric vehicle charging along these corridors is essential to increasing opportunities and improving the lives of disadvantaged groups and communities by providing transportation options.

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

South Carolina will utilize the EV Charging Justice40 Map Tool from the United State Department of Energy and United States Department of Transportation to identify DACs in South Carolina. This map tool is available online at <https://www.anl.gov/esia/electric-vehicle-charging-equity-considerations>.

Other tools will also be evaluated as follows:

- FHWA Screening Tool for Equity Analysis of Projects (STEAP), available online at <https://hepgis.fhwa.dot.gov/fhwagis/buffertool/>
- The Council on Environmental Quality Economic (CEQ) Climate Justice Screening Tool, available online at <https://screeningtool.geoplatform.gov/en/#4.29/38.32/-85.06>
- The United States Environmental Protection Agency (US EPA) Environmental Justice Screening and Mapping Tool, available online at <https://ejscreen.epa.gov/mapper/>

## Process to Identify, Quantify, and Measure Benefits to DACs

Annual updates to this plan will identify metrics to quantify and measure in order to evaluate benefits to DACs. Upon selection of a consultant, public outreach will serve to establish metrics that are meaningful to DACs to ensure the appropriate issues are targeted and tracked.

## Benefits to DACs through this Plan

Providing transportation options is an essential principal to benefit DACs. The NEVI Formula Program will provide DACs will a transportation option that will hopefully decrease in expense as availability of EVs and EV chargers becomes more prevalent. Targeted public outreach to DACs will be implemented and used to modify the annual updates to this plan.

Coordination will occur with FHWA-SC and the Joint Office to adapt as additional guidance is provided on this subject.

## **Labor and Workforce Considerations**

The Interagency Working Group is comprised of the appropriate members to initiate discussion of labor and workforce related to EV charging equipment. Subsequent coordination with EV charging industry leaders will occur to ensure a partnered approach to solving challenges related to labor and the workforce.

Options for addressing issues related to this subject are to engage with the South Carolina technical college system. South Carolina's technical college system and its internationally renowned programs - readySC™ and Apprenticeship Carolina™ - provide the training and education necessary to build a competitive and diverse workforce.

As an integral part of the SC Technical College System, readySC™ works together with the state's 16 technical colleges to prepare South Carolina's workforce to meet the needs of the state's industries. Established in 1961, readySC™ is one of the oldest and most experienced workforce training programs in the country, and seeks to assist companies with identifying the skills, knowledge and abilities needed, designing new and innovative training solutions, and developing training and project management programs.

Apprenticeship Carolina™, a division of the SC Technical College System, leads South Carolina in registered apprenticeship programs that help businesses and communities thrive economically. Through innovation and partnerships, Apprenticeship Carolina catalyzes the promotion of registered youth, adult, and pre-apprenticeships. Apprenticeship Carolina is also a resource to help employers create, maintain, and maximize the use of these programs. Apprenticeship Carolina is committed to creating and strengthening career pathways that enrich and enhance South Carolina's existing and future workforce.

## **Cybersecurity**

The consultant selected to assist with the annual updates will provide industry expertise on cybersecurity provisions. Contract specifications for cybersecurity provisions will be required as part of the implementation of EV charging stations. Information from the National Institute of Standards and Technology will be utilized in conjunction with feedback from industry leaders to ensure risk of cyber threat is managed to not impact payment or data analytics at EV charging stations.

## **Program Evaluation**

Procurement of a consultant with expertise in EV charging programs will assist with identifying measurements for acceptable performance. The annual plan update will include a review of reporting data and if needed, revised strategies to mitigate inefficiencies. This annual review will also evaluate emerging technology and industry innovations to determine if the implementation plan needs refinement.

## **Discretionary Exceptions (if any)**

If needed, discretionary exceptions will be reviewed in coordination with FHWA-SC prior to formal consideration. There are no discretionary exceptions identified at this time. Annual updates to this plan may introduce the need to use this tool; however, it will be reserved for unique scenarios that are well justified.

## **Appendix A**

### **Tabular Data for Existing Public DCFC/Level 2 Chargers in South Carolina**

### Existing Public DCFC/Level 2 Chargers in South Carolina

ID	Charger Level	Number of Connectors	Street Address	City	Zip Code	Location	EV Network	Date Last Confirmed
36709	2	2	100 Dunbar St	Spartanburg	29306	City of Spartanburg - Municipal Parking Garage	Non-Networked	10/12/2021
36710	2	2	130 E Saint John St	Spartanburg	29306	City of Spartanburg - Municipal Parking Garage	Non-Networked	10/12/2021
36711	2	2	101 Sharpe Ave	Union	29379	City of Union Town Hall	Non-Networked	6/14/2022
37056	2	1	1619 Decker Blvd	Columbia	29206	Spinx #149	Non-Networked	12/9/2021
38298	2	10	1100 Taylor St	Columbia	29201	City of Columbia - Cannon Garage	Non-Networked	10/12/2021
38299	2	2	1100 Washington St	Columbia	29201	City of Columbia - Washington Street Garage	Non-Networked	10/12/2021
38300	2	2	1812 Lincoln St	Columbia	29201	City of Columbia - Arsenal Hill Garage	Non-Networked	10/12/2021
38301	2	2	820 Washington St	Columbia	29201	City of Columbia - Lincoln Street Garage	Non-Networked	1/10/2022
38302	2	2	150 Cleveland Park Dr	Greenville	29601	Greenville Zoo	Non-Networked	6/14/2022
38303	2	4	25 W McBee Ave	Greenville	29601	City of Greenville - Poinsett Garage	Non-Networked	6/14/2022
38304	2	2	316 S Spring St	Greenville	29601	City of Greenville - Spring Street Garage	Non-Networked	6/14/2022
38305	2	2	320 N Church St	Greenville	29601	City of Greenville - Church Street Garage	Non-Networked	6/14/2022
38306	2	2	1007 Park St	Columbia	29201	City of Columbia - Park Street Garage	Non-Networked	1/10/2022

38307	2	2	60 Beattie Pl	Greenville	29601	City of Greenville - Commons Garage	Non-Networked	6/14/2022
38308	2	2	65 Beattie Pl	Greenville	29601	City of Greenville - Liberty Square Garage	Non-Networked	6/14/2022
38309	2, DCFC	Level 2 - 2, DCFC - 1	66 Richardson St	Greenville	29601	City of Greenville - Richardson Garage	Non-Networked	6/14/2022
38310	2	2	121 E Black St	Rock Hill	29730	City of Rock Hill - Municipal Garage	Non-Networked	1/10/2022
38312	2	2	725 Rice Ave	Union	29379	Timken Sports Complex	Non-Networked	10/12/2021
38313	2	2	420 River St	Lockhart	29364	Lockhart Power	Non-Networked	3/15/2021
39842	2, DCFC	Level 2 - 2, DCFC - 1	3670 Fernandina Rd	Columbia	29210	Dick Smith Nissan	Non-Networked	6/9/2020
39844	2, DCFC	Level 2 - 2, DCFC - 1	5536 Sunset Blvd	Lexington	29072	Dick Smith Nissan	Non-Networked	3/7/2022
40522	2	1	2 Exchange St	Greenville	29605	South Carolina Technology and Aviation Center	Non-Networked	1/14/2021
40570	2	2	301 University Ridge	Greenville	29601	County of Greenville - County Square	Non-Networked	11/4/2021
40571	2	1	3300 Poinsett Hwy	Greenville	29613	Furman University - Admissions Building	Non-Networked	1/10/2022
40940	2	1	120 Saxe Gotha Rd	West Columbia	29172	SHEALY-COLUMBIA COUNTER SALES	ChargePoint	6/29/2022
41264	2	2	1980 GSP Dr	Greer	29651	Greenville-Spartanburg International Airport - Parking Lot B	Non-Networked	6/14/2022
43458	2	2	1400 Sumter St	Columbia	29201	City of Columbia - Sumter Street Garage	Non-Networked	10/12/2021
43459	2	2	1100 Lady St	Columbia	29201	City of Columbia - Lady Street Garage	Non-Networked	10/12/2021

45770	2	4	32 Alexander St	Charleston	29401	City of Charleston - Gaillard Auditorium	Non-Networked	9/3/2020
45771	2	2	93 Queen St	Charleston	29401	City of Charleston - Queen Street Garage	Non-Networked	9/3/2020
45772	2	2	63 Mary St	Charleston	29403	City of Charleston - Visitor Center Garage	Non-Networked	9/3/2020
45773	2	2	150 Township Cir	Conway	29526	Coastal Carolina University	Non-Networked	7/14/2021
45774	2	2	801 Main St	Conway	29526	Horry County Library	Non-Networked	1/10/2022
45777	2	1	3500 Pampas Dr	Myrtle Beach	29577	Horry Georgetown Technical College - Speir Building	Non-Networked	6/14/2022
45779	2	2	998 Riverwalk Pkwy	Rock Hill	29730	City of Rock Hill - YMCA	Non-Networked	1/10/2022
45780	2	2	155 Johnson St	Rock Hill	29730	City of Rock Hill - City Hall	Non-Networked	1/10/2022
45782	2	2	160 E Kennedy	Spartanburg	29306	City of Spartanburg - Municipal Parking Garage	Non-Networked	10/12/2021
45784	2	2	111 Magnolia St	Spartanburg	29306	City of Spartanburg - Municipal Parking Garage	Non-Networked	10/12/2021
45786	2	2	299 N Church St	Spartanburg	29306	Spartanburg Marriott	Non-Networked	1/10/2022
45790	2	2	310 E Academy St	Union	29379	University of South Carolina - Union	Non-Networked	1/14/2021
45791	2	1	400 Laurel St	Conway	29526	City of Conway - Public Parking Lot	Non-Networked	12/9/2021
45796	2	1	550 Airport Rd	Rock Hill	29732	City of Rock Hill - York County Airport	Non-Networked	1/10/2022

46456	2	3	9940 Two Notch Rd	Columbia	29223	Dick Smith Nissan	Non-Networked	6/9/2020
47066	2	1	3510 Clemson Blvd	Anderson	29621	Grainger Nissan - Anderson	Non-Networked	6/9/2020
47068	2	1	5590 Jefferson Davis Hwy	Beech Island	29842	Bob Richards Nissan	Non-Networked	6/9/2020
47070	2	1	1714 Savannah Hwy	Charleston	29407	Hudson Nissan	Non-Networked	6/9/2020
47073	2	1	4676 Calhoun Memorial Hwy	Easley	29640	Benson Nissan	Non-Networked	6/9/2020
47075	2	1	311 N Cashua Dr	Florence	29501	Five Star Nissan - Florence	Non-Networked	6/9/2020
47077	2	1	2712 Laurens Rd	Greenville	29607	Crown Nissan - Greenville	Non-Networked	6/9/2020
47079	2	1	1724 Montague Ave Ext	Greenwood	29646	Quality Nissan - Greenwood	Non-Networked	6/9/2020
47081	2	1	14125 E Wade Hampton Blvd	Greer	29651	Nissan of Greer	Non-Networked	6/9/2020
47086	2, DCFC	Level 2 - 1, DCFC - 1	4701 Highway 501	Myrtle Beach	29579	Grand Strand Nissan	Non-Networked	3/7/2022
47088	2	1	7331 Rivers Ave	North Charleston	29406	Hudson Nissan	Non-Networked	6/9/2020
47090	2	1	2827 Saint Matthews Rd NE	Orangeburg	29118	Orangeburg Nissan	Non-Networked	6/9/2020

47092	2	1	8519 Ocean Hwy	Pawleys Island	29585	Coastal Nissan	Non-Networked	6/9/2020
47094	2	1	550 Galleria Blvd	Rock Hill	29730	Rock Hill Nissan	Non-Networked	6/9/2020
47096	2	1	1100 N Pine St	Spartanburg	29303	Benson Nissan	Non-Networked	6/9/2020
47098	2	1	1260 Broad St	Sumter	29150	Nissan of Sumter	Non-Networked	6/9/2020
47233	2	1	2790 Wagener Rd	Aiken	29801	Aiken Electric Co-op	Non-Networked	6/14/2022
48585	2	2	2328 Sandifer Blvd	Westminster	29693	Blue Ridge Electric Co-op	Non-Networked	1/10/2022
48587	2	1	1025 Henderson St	Columbia	29201	University of South Carolina - Senate Street Garage	Non-Networked	1/14/2021
48630	2	1	676 Highway 9E	Bennettsville	29512	Marlboro Electric Co-op	Non-Networked	1/14/2021
48631	2	1	808 Knox Abbott Dr	Cayce	29033	South Carolina Electric Co-op	Non-Networked	9/3/2020
48634	2	1	611 Bull St	Columbia	29201	University of South Carolina - Bull Street Garage	Non-Networked	1/14/2021
48635	2	1	821 Park St	Columbia	29201	Innovista Discovery Garage	Non-Networked	6/14/2022
48636	2	1	519 Main St	Columbia	29201	University of South Carolina - Horizon Garage	Non-Networked	6/14/2022
48638	2	1	501 Sumter St	Columbia	29201	University of South Carolina - Sumter Street Garage	Non-Networked	1/14/2021
48640	2	1	6001 S Kings Hwy	Myrtle Beach	29575	Ocean Lakes Family Campground	Non-Networked	1/14/2021

48641	2	1	1104 W McGregor St	Pageland	29728	Lynches River Electric Co-op	Non-Networked	1/10/2022
48643	2	2	500 Ammons Rd	Spartanburg	29306	Spartanburg Downtown Airport	Non-Networked	6/7/2021
49714	2	2	2671 Hospitality Blvd	Florence	29501	Hilton Garden Inn - Florence	Non-Networked	6/9/2020
49715	2	2	126 N 5th St	Hartsville	29550	City of Hartsville - 5th Street Parking Lot	Non-Networked	1/14/2021
61932	2	2	1081 Morrison Dr	Charleston	29403	STATION 1 HALF MILE NORTH	ChargePoint	6/29/2022
62352	2	2	1230 Fording Island Rd	Bluffton	29910	HILTON HEAD BMW STATION 01	ChargePoint	6/29/2022
62827	2	1	120 Creech Rd	Blythewood	29016	Holiday Inn Express & Suites - Blythewood	Non-Networked	10/12/2021
63182	2	1	120 Pisgah Church Rd	Columbia	29202	Columbia Friends Meeting House	Non-Networked	1/14/2021
63637	2	2	5919 Two Notch Rd	Columbia	29223	BMW OF COLUMBIA STATION 01	ChargePoint	6/29/2022
63885	2	3	1625 Savannah Hwy	Charleston	29407	Palmetto Ford Lincoln	Non-Networked	1/14/2021
65364	DCFC	1	1155 Hwy 101 S.	Greer	29651	BMW FAST CHARGER 01	ChargePoint	6/29/2022
65365	DCFC	1	1400 Hwy 101 S	Greer	29651	BMW FAST CHARGER 02	ChargePoint	6/29/2022
65407	2	2	237 Park Ave SW	Aiken	29801	Dumpster Depot	Non-Networked	10/12/2021

66357	2	2	515 Calhoun Drive	Clemson	29634	STATION E 04 LOT	ChargePoint	6/29/2022
66764	2	2	412 Cherry Road	Clemson	29631	STATION E 21 LOT	ChargePoint	6/29/2022
67326	2	2	1256 Fording Island Rd	Bluffton	29910	HILTON HEAD TANGER 1 EV 1	ChargePoint	6/29/2022
67327	2	2	1414 Fording Island Rd	Bluffton	29910	HILTON HEAD TANGER 2 EV 1	ChargePoint	6/29/2022
67659	2	2	4620 Factory Stores Blvd	Myrtle Beach	29579	TANGERMHWY501 TANGER EV 2	ChargePoint	6/29/2022
67663	2	2	4840 Tanger Outlet Blvd	North Charleston	29418	N CHARLESTON TANGER CHS EV 2	ChargePoint	6/29/2022
67667	2	2	10831 Kings Rd	Myrtle Beach	29572	KINGS RD TANGER EV 2	ChargePoint	6/29/2022
68597	2	2	300 River St	Greenville	29601	City of Greenville - Riverplace Garage	Non-Networked	6/14/2022
68598	2	1	414 River St	Greenville	29601	City of Greenville - River Street Garage	Non-Networked	6/14/2022
69954	2	2	400-462 N Jones Rd	Greer	29651	BMW STATION 08	ChargePoint	6/29/2022
69955	2	2	N Jones Rd	Greer	29651	BMW STATION 07	ChargePoint	6/29/2022
74090	2	2	1255 Knox Abbott Dr	Columbia	29033	212 Motors Columbia	Non-Networked	6/14/2022
76285	2	2	720 McMillan Rd	Clemson	29631	STATION E 01 LOT	ChargePoint	6/29/2022
78914	2, DCFC	Level 2 - 1, DCFC - 1	5 Research Dr	Greenville	29607	Clemson University - International Center for Automotive Research	Non-Networked	6/7/2021

79156	2	2	9698 Patriot Blvd	Ladson	29456	ABBERLYCROSSING BLDG 100 LEFT	ChargePoint	6/29/2022
79987	2	2	Delta Epsilon Ct	Clemson	29631	STATION E-15 LOT	ChargePoint	6/29/2022
80486	2	1	199 Tungsten Blvd	Greer	29651	BMW FACILITIES GREER SA 01	ChargePoint	6/29/2022
80853	2	2	State Rd S-42-9927	Greer	29651	BMW SOC #1	ChargePoint	6/29/2022
81423	2	2	240 Killian Commons Pkwy	Columbia	29203	BMW OF COLUMBIA STATION 1	ChargePoint	6/29/2022
85454	2	2	34 Richardson St	Greenville	29601	City of Greenville - One City Place Garage	Non-Networked	6/14/2022
85455	2	2	125 E Broad St	Greenville	29601	City of Greenville - Broad Street Garage	Non-Networked	6/14/2022
86282	2	2	299 YMCA Cir	Seneca	29678	STATION P 06 LOT	ChargePoint	6/29/2022
87940	2	2	763 Fashion Dr	Columbia	29223	R2I2 & RCPL R2I2 EV3	ChargePoint	6/29/2022
91852	2	1	111 Mathews Dr	Hilton Head Island	29926	Palmetto Electric Co-op	Non-Networked	6/14/2022
91853	2	1	15 Park Ln	Hilton Head Island	29928	Popeye's	Non-Networked	7/13/2020
91859	2	1	9700 Kings Rd	Myrtle Beach	29572	Apache Family Campground	Non-Networked	6/14/2022
91860	2	1	610 International Dr	Myrtle Beach	29579	Sandhills Bank	Non-Networked	6/14/2022

92498	2	2	Sawmill Creek Rd	Bluffton	29910	HILTON HEAD TANGER 1 EV 2	ChargePoint	6/29/2022
96679	2	1	2383 Coastal Grand Circle	Myrtle Beach	29577	Hilton Garden Inn Myrtle Beach	Blink Network	6/28/2022
96880	2	2	1801 Indigo Market Dr	Mount Pleasant	29464	INDIGO STATION IS STATION 3	ChargePoint	6/29/2022
96979	2	2	8007 N Kings Hwy	Myrtle Beach	29572	BRIX PIZZA STATION 1	ChargePoint	6/29/2022
98556	2	6	3300 Poinsett Hwy	Greenville	29613	Furman University - South Chapel	Non-Networked	1/10/2022
98777	2	2	80 Carolina Point Pkwy	Greenville	29607	RESIDENCEINNGVL EV CHARGER 02	ChargePoint	6/29/2022
99367	2	1	500 E Daniel Morgan Ave	Spartanburg	29302	VBHCS SHOP2	ChargePoint	6/29/2022
99502	2	1	200 Fording Island Rd	Bluffton	29910	Vaden Nissan of Hilton Head	Non-Networked	6/9/2020
102401	DCFC	8	8910 Farrow Road	Columbia	29203	Hilton Garden Inn Columbia Northeast - Tesla Supercharger	Tesla	10/11/2021
102402	DCFC	18	2701 David H McLeod Blvd	Florence	29501	Magnolia Mall - Tesla Supercharger	Tesla	10/11/2021
102403	DCFC	8	108 Carolina Point	Greenville	29607	Hilton Garden Inn Greenville - Tesla Supercharger	Tesla	10/11/2021
102404	DCFC	10	2000 Coastal Grand Circle	Myrtle Beach	29577	Coastal Grand Mall - Tesla Supercharger	Tesla	10/11/2021
102405	DCFC	8	114 Bradford Blvd	Santee	29142	Clark's Inn and Restaurant - Tesla Supercharger	Tesla	10/11/2021

103071	2	2	1125 Savannah hwy	Charleston	29407	WHOLE FOODS MKT CHARLESTON SC 1	ChargePoint	6/29/2022
104664	2	2	604 67th Ave N	Myrtle Beach	29572	SEAPATH ON 67TH EV STATION 02	ChargePoint	6/29/2022
105275	2	1	4333 Sunset Blvd	Lexington	29072	HONDA OF COLA. STATION 2	ChargePoint	6/29/2022
105439	2	1	686 Galleria Blvd	Rock Hill	29730	HCRH SHOP01	ChargePoint	6/29/2022
105532	2	2	1221 Main Street	Columbia	29201	MAINANDGERVAIS1 STATION 1	ChargePoint	6/29/2022
115514	2	2	151 E Church St	Anderson	29624	The Bleckley Inn - Tesla Destination	Tesla Destination	11/3/2020
115515	2	2	1009 Craven St	Beaufort	29902	Rhett House Inn, a Select Registry Property - Tesla Destination	Tesla Destination	11/3/2020
115516	2	1	142 Secession Dr	Beaufort	29907	Secession Golf Club - Tesla Destination	Tesla Destination	11/3/2020
115517	2	2	1707 Lyttleton Street	Camden	29020	Bloomsbury Inn, a Select Registry Property - Tesla Destination	Tesla Destination	11/3/2020
115519	2	2	205 Meeting St	Charleston	29401	Belmond Charleston Place - Tesla Destination	Tesla Destination	11/3/2020
115520	2	2	301 Savannah Hwy	Charleston	29407	Holiday Inn Charleston-Riverview - Tesla Destination	Tesla Destination	11/3/2020
115521	2	3	55 Wentworth St	Charleston	29456	Grand Bohemian Charleston Hotel - Tesla Destination	Tesla Destination	11/3/2020
115522	2	2	68 Wentworth St	Charleston	29401	Renaissance Charleston Historic District - Tesla Destination	Tesla Destination	11/3/2020

115523	2	2	1310 Tiger Blvd	Clemson	29631	Best Western Plus University Inn & Conference Center - Tesla Destination	Tesla Destination	11/3/2020
115524	2	4	217 Lanneau Ct	Columbia	29212	Aloft Columbia Harbison - Tesla Destination	Tesla Destination	11/3/2020
115525	2	1	131 Falls St	Greenville	29601	Downtown Greenville - Tesla Destination	Tesla Destination	11/3/2020
115527	2	8	31 Market Point Dr	Greenville	29607	Staybridge Suites Greenville I-85 Woodruff Road - Tesla Destination	Tesla Destination	11/3/2020
115528	2	1	47 Fisherman Ln	Greenville	29615	Wyndham Garden Greenville Airport - Tesla Destination	Tesla Destination	11/3/2020
115529	2	3	670 Verdae Blvd	Greenville	29607	Embassy Suites by Hilton Greenville Golf Resort - Tesla Destination	Tesla Destination	11/3/2020
115530	2	3	119 E College Ave	Hartsville	29550	City of Hartsville East College Ave. Parking Lots - Tesla Destination	Tesla Destination	11/3/2020
115531	2	2	1 Harbourside Ln	Hilton Head Island	29928	Shelter Cove Harbour - Tesla Destination	Tesla Destination	11/3/2020
115532	2	3	10 Surfwatch Wy	Hilton Head Island	29928	Marriott's Surfwatch - Tesla Destination	Tesla Destination	11/3/2020
115533	2	2	11 Lemoyne Ave	Hilton Head Island	29928	Best Western Ocean Breeze Inn - Tesla Destination	Tesla Destination	11/3/2020
115534	2	2	130 Shipyard Dr	Hilton Head Island	29928	Sonesta Resort Hilton Head Island - Tesla Destination	Tesla Destination	11/3/2020
115535	2	1	2 Grasslawn Ave	Hilton Head Island	29928	The Westin Hilton Head Island Resort & Spa - Tesla Destination	Tesla Destination	11/3/2020
115536	2	2	4 Lagoon Rd	Hilton Head Island	29928	Bomboras Grille - Tesla Destination	Tesla Destination	11/3/2020

115537	2	8	51 S Forest Beach Dr	Hilton Head Island	29928	Marriott's Grande Ocean - Tesla Destination	Tesla Destination	11/3/2020
115538	2	1	1 Sanctuary Beach Dr	Kiawah Island	29455	Sanctuary at Kiawah Island Golf Resort - Tesla Destination	Tesla Destination	11/3/2020
115539	2	2	307 Church St	Latta	29565	Abingdon Manor, Country Inn & Restaurant - Tesla Destination	Tesla Destination	11/3/2020
115540	2	2	101 W Main St	Lexington	29072	Alodia's Cucina Italiana - Tesla Destination	Tesla Destination	11/3/2020
115541	2	4	1218 Belk Dr	Mount Pleasant	29464	Mount Pleasant Towne Centre - Tesla Destination	Tesla Destination	11/3/2020
115542	2	2	1350 Stuart Engals Blvd	Mt. Pleasant	29464	Towneplace Suites Charleston Mt. Pleasant - Tesla Destination	Tesla Destination	11/3/2020
115543	2	2	911 Riverwood Dr	Murrells Inlet	29576	Ellington at Wachesaw East - Tesla Destination	Tesla Destination	11/3/2020
115544	2	2	10000 Beach Club Dr	Myrtle Beach	29572	Hilton Myrtle Beach Resort - Tesla Destination	Tesla Destination	11/3/2020
115545	2	3	1804 S Ocean Blvd	Myrtle Beach	29577	Best Western Plus Grand Strand Inn & Suites - Tesla Destination	Tesla Destination	11/3/2020
115546	2	2	3000 N Ocean Blvd	Myrtle Beach	29577	The Caribbean Resort & Villas - Tesla Destination	Tesla Destination	11/3/2020
115547	2	2	9800 Queensway Blvd	Myrtle Beach	29572	Embassy Suites Myrtle Beach Oceanfront Resort - Tesla Destination	Tesla Destination	11/3/2020
115548	2	2	7535 N Forest Dr	North Charleston	29420	SpringHill Suites by Marriott Charleston North - Tesla Destination	Tesla Destination	11/3/2020

115549	2	4	100 North Beach Blvd	North Myrtle Beach	29582	North Beach Plantation - Tesla Destination	Tesla Destination	11/3/2020
115550	2	2	719 North Beach Blvd	North Myrtle Beach	29582	21 Main at North Beach - Tesla Destination	Tesla Destination	11/3/2020
115551	2	3	14276 Ocean Hwy	Pawleys Island	29585	Litchfield Beach & Golf Resort - Tesla Destination	Tesla Destination	11/3/2020
115552	2	4	1285 Old Springdale Rd	Rock Hill	29730	Home2 Suites by Hilton Rock Hill - Tesla Destination	Tesla Destination	11/3/2020
115553	2	5	1300 River Run Ct	Rock Hill	29732	Courtyard by Marriott Rock Hill - Tesla Destination	Tesla Destination	11/3/2020
115554	2	5	575 Herrons Ferry Rd	Rock Hill	29732	The Pump House Restaurant - Tesla Destination	Tesla Destination	11/3/2020
115555	2	1	419 Hwy 38	Sellers	29592	Shuler's Bar-B-Que - Tesla Destination	Tesla Destination	11/3/2020
115556	2	3	225 Main St	Spartanburg	29306	AC Marriott Spartanburg - Tesla Destination	Tesla Destination	11/3/2020
115557	2	2	1245 Sniders Hwy	Walterboro	29488	Ramada Walterboro - Tesla Destination	Tesla Destination	11/3/2020
117158	2	1	115 Calhoun St	Charleston	29401	HOTELBELLAGRACE BELLA GRACE	ChargePoint	6/29/2022
117216	2	1	3340 Shipley Street	Ladson	29456	Palmetto Exchange Apartments	Blink	6/28/2022
119027	2	2	701 E Bay	Charleston	29403	CIGAR FACTORY EV STATION 01	ChargePoint	6/29/2022
121247	2	2	1805 Shoremeade Rd	Mount Pleasant	29464	INDIGO STATION IS STATION 1	ChargePoint	6/29/2022

121296	2	2	8106 calvin hall rd	Indian Land	29707	COMPUCOM STATION 2	ChargePoint	6/29/2022
121297	2	2	8106 calvin hall rd	Indian Land	29707	COMPUCOM STATION 3	ChargePoint	6/29/2022
121653	2	2	10 Westedge St	Charleston	29403	Publix #1599	Non-Networked	4/6/2022
122542	2	2	550 Columbiana Dr	Columbia	29212	Home2 Suites by Hilton Columbia Harbison - Tesla Destination	Tesla Destination	11/3/2020
122543	2	2	3450 W Radio Dr	Florence	29501	Homewood Suites by Hilton Hotel Florence - Tesla Destination	Tesla Destination	11/3/2020
122875	2	1	18 Wilborn Rd	Hilton Head Island	29926	IRC EV 1 ISLAND EV	ChargePoint	6/29/2022
122985	DCFC	4	7250 Rivers Ave	North Charleston	29406	Target T1829 - N Charleston, SC	Electrify America	6/29/2022
122995	2	1	110 S 562	Landrum	29356	N. TRADE AVENUE LANDRUM	ChargePoint	6/29/2022
124982	2	1	YMCA Cir	Clemson	29678	Clemson University - P-6	Non-Networked	6/7/2021
131655	2, DCFC	Level 2 - 2, DCFC - 1	111 Newland Rd	Columbia	29210	Jim Hudson Chevrolet	Non-Networked	9/3/2020
133662	DCFC	4	1211 Woodruff Road	Greenville	29607	Sam's Club 8278 - Greenville, SC	Electrify America	6/29/2022
135488	2	2	429 N Church St	Spartanburg	29303	Wofford College	Non-Networked	10/12/2021
143450	2	2	1630 Bells Hwy	Walterboro	29488	WALTERBORO SBUX STARBUCKS 1	ChargePoint	6/29/2022
147098	2	1	42 Shelter Cove Ln	Hilton Head Island	29928	Starbucks	Non-Networked	7/13/2020

147465	2	2	400 Otarre Parkway	Cayce	29033	DOMINION ENERGY CORPORATE CAMP1	ChargePoint	6/29/2022
147466	2	2	400 Otarre Parkway	Cayce	29033	DOMINION ENERGY CORPORATE CAMP3	ChargePoint	6/29/2022
148536	2	2	400 Rhett ST	Greenville	29601	400 Rhett	SemaCharge	6/29/2022
149479	2	1	219 Robert Smalls Pkwy	Beaufort	29906	Grainger Nissan - Beaufort	Non-Networked	6/9/2020
150560	2	2	301 Simply Less Cir	Greer	29651	Barista Tiny - Tesla Destination	Tesla Destination	11/3/2020
150615	2	2	2007 S Ocean Blvd	Myrtle Beach	29577	Grand Atlantic Resort - Tesla Destination	Tesla Destination	11/3/2020
150735	2	2	10 Road of Vines	Travelers Rest	29690	Hotel Domestique - Tesla Destination	Tesla Destination	11/3/2020
150740	2	2	2140 W Lucas St	Florence	29501	Tru By Hilton Florence I-95 - Tesla Destination	Tesla Destination	11/3/2020
152052	2	1	41 S Forest Beach Dr	Hilton Head Island	29928	OCEAN OAK STATION 1	ChargePoint	6/29/2022
152238	2	2	311 Falls St	Greenville	29601	CAP DECK P1	ChargePoint	6/29/2022
152344	2	2	106 Old Salem Rd	Seneca	29678	HAMPTON INN 1 SATION 2	ChargePoint	6/29/2022
152466	2	2	320 Falls St	Greenville	29601	CAP DECK P2	ChargePoint	6/29/2022
154304	2	2	20 Cooperative Way	Columbia	29210	CEPCI DR EV 1	ChargePoint	6/29/2022
155156	2	2	Unnamed Road	Greer	29651	BMW BMW LOT C 6	ChargePoint	6/29/2022

155171	2	2	1025 Woodruff Rd	Greenville	29607	Bad Daddy's Burger Bar - Magnolia Park	Blink	6/28/2022
155683	2	2	200 Ports Authority Dr	Mt. Pleasant	29464	South Carolina Ports Authority	Non-Networked	1/10/2022
156062	2	2	325 Rocky Slope Rd	Greenville	29607	THE SUMEREL	ChargePoint	6/29/2022
158612	2	2	757 S Anderson Rd	Rock Hill	29730	City of Rock Hill - Operations Headquarters	Non-Networked	12/9/2021
158625	2	2	1139 Main Rd	Johns Island	29455	JOHNS ISLAND BERKELEY ELEC.	ChargePoint	6/29/2022
162529	2	2	1800 Indigo Market Dr	Mount Pleasant	29464	INDIGO STATION IS STATION 2	ChargePoint	6/29/2022
163528	DCFC	8	16319 Whyte Hardee Blvd	Hardeeville	29927	Parker's - Tesla Supercharger	Tesla	10/11/2021
166482	DCFC	1	9564 Two Notch Rd	Columbia	29223	Sesquicentennial State Park	Non-Networked	5/6/2021
166483	2	1	2401 State Park Rd	Greenville	29609	Paris Mountain State Park	Non-Networked	10/9/2020
166484	2	1	251 State Park Rd	Santee	29142	Santee State Park	Non-Networked	10/9/2020
166485	2	1	425 Meeting St	West Columbia	29169	West Columbia Interactive Art Park	Non-Networked	6/14/2022
167167	DCFC	4	230 N Beltline Drive	Florence	29501	Walmart 630 Florence	Electrify America	6/29/2022
167276	2	2	1871 Ashley River Rd	Charleston	29407	THE ASHLEY STATION 3	ChargePoint	6/29/2022

167277	2	2	1871 Ashley River	Charleston	29407	THE ASHLEY STATION 4	ChargePoint	6/29/2022
167650	2	2	2328 Sandifer Blvd	Westminster	29693	BREC OCONEE 1	ChargePoint	6/29/2022
168042	DCFC	8	4855 Tanger Outlet Boulevard	North Charleston	29418	Mellow Mushroom - Tesla Supercharger	Tesla	10/11/2021
168107	2	2	22 Harbourside Lane	Hilton Head Island	29928	HILTON HEAD HILTON HEAD 1	ChargePoint	6/29/2022
168282	DCFC	8	30 Office Park Road	Hilton Head Island	29928	Harris Teeter - Tesla Supercharger	Tesla	10/11/2021
168569	2	2	101 W Main St	Lexington	29072	Alodias Cucina Italiana - Tesla Destination	Tesla Destination	11/3/2020
168610	2	2	721 Okatie Hwy	Okatie	29909	Beaufort Jasper Hampton Comprehensive Health - Tesla Destination	Tesla Destination	11/3/2020
168797	2	4	1980 Clements Ferry Rd	Charleston	29492	Gildan HQ - Tesla Destination	Tesla Destination	11/3/2020
168828	2	2	1320 Hampton Ave Ext	Greenville	29601	Hampton Station - Tesla Destination	Tesla Destination	11/3/2020
168831	2	2	2 Vendue Range	Charleston	29401	HarbourView Inn - Tesla Destination	Tesla Destination	11/3/2020
168950	2	8	51 S Forest Beach Dr	Hilton Head Island	29928	Marriotts Grande Ocean - Tesla Destination	Tesla Destination	11/3/2020
168951	2	3	10 Surfwatch Wy	Hilton Head Island	29928	Marriotts Surfwatch - Tesla Destination	Tesla Destination	11/3/2020

169102	2	1	419 Hwy 38	Sellers	29592	Shulers Bar-B-Que - Tesla Destination	Tesla Destination	11/3/2020
169135	2	2	493 Galleria Blvd	Rock Hill	29730	Staybridge Suites Rock Hill - Tesla Destination	Tesla Destination	11/3/2020
169268	2	4	5757 Palm Boulevard	Isle of Palms	29451	Wild Dunes Resort, a Destination Hotel - Tesla Destination	Tesla Destination	11/3/2020
169290	2	2	International Blvd	North Charleston	29418	CCAA STATION 5	ChargePoint	6/29/2022
169353	DCFC	4	360 Harbison Blvd	Columbia	29212	Walmart 1164 - Columbia, SC	Electrify America	6/29/2022
169461	DCFC	4	2110 Bells Highway	Walterboro	29488	Walmart 1358 - Walterboro, SC	Electrify America	6/29/2022
169522	2	1	503 E. Stone Ave.	Greenville	29601	NorthPointe Apartment Homes	SemaCharge	6/29/2022
170185	2	6	50 Cheryl Lane	Summerville	29486	South City Summerville Apartments	SemaCharge	6/29/2022
170186	2	2	2000 Daniel Island Drive	Charleston	29492	Blackbaud	SemaCharge	6/29/2022
170510	2	2	1175 Stonecrest Blvd	Tega Cay	29708	STONECREST STONECREST	ChargePoint	6/29/2022
170697	2	2	2671 Hospitality Blvd	Florence	29501	Hilton Garden Inn - Florence, SC	EV Connect	1/14/2021
171204	2	4	1041 Portside Dr	Myrtle Beach	29572	Portside at Grande Dunes	Blink	6/28/2022
171362	2	1	4615 Forest Dr	Columbia	29206	The Cardinal Apartments	Blink	6/28/2022

171522	2	2	1518 Savannah Hwy	Charleston	29407	HENDRICK BMW STATION 01	ChargePoint	6/29/2022
171652	2	2	1 Whitlee Ct	Greenville	29607	PROTERRA J1772_GVL_AC2	ChargePoint	6/29/2022
171913	2	2	1155 Hwy 101 S	Greer	29651	BMW STATION 03	ChargePoint	6/29/2022
171914	2	2	1155 Hwy 101 S	Greer	29651	BMW STATION 02	ChargePoint	6/29/2022
171923	2	2	1400 Hwy 101 S	Greer	29651	BMW STATION 01	ChargePoint	6/29/2022
171924	2	2	1400 Hwy 101 S	Greer	29651	BMW STATION 04	ChargePoint	6/29/2022
171925	2	2	1400 Hwy 101 S	Greer	29651	BMW STATION 05	ChargePoint	6/29/2022
171926	2	2	1400 Hwy 101 S	Greer	29651	BMW STATION 06	ChargePoint	6/29/2022
171941	2	2	1414 Fording Island Rd	Bluffton	29910	HILTON HEAD TANGER 2 EV 2	ChargePoint	6/29/2022
171942	2	2	4620 Factory Stores Blvd	Myrtle Beach	29579	TANGERMHWY501 TANGER EV 1	ChargePoint	6/29/2022
171943	2	2	10831 Kings Rd	Myrtle Beach	29572	KINGS RD TANGER EV 1	ChargePoint	6/29/2022
172317	2	2	763 Fashion Dr	Columbia	29223	R212 & RCPL R212 EV1	ChargePoint	6/29/2022
172318	2	2	763 Fashion Dr	Columbia	29223	R212 & RCPL R212 EV2	ChargePoint	6/29/2022
172428	2	2	4840 Tanger Outlet Blvd	North Charleston	29418	N CHARLESTON TANGER CHS EV 1	ChargePoint	6/29/2022

172429	2	2	4840 Tanger Outlet Blvd	North Charleston	29418	N CHARLESTON TANGER CHS EV 4	ChargePoint	6/29/2022
172430	2	2	4840 Tanger Outlet Blvd	North Charleston	29418	N CHARLESTON TANGER CHS EV 3	ChargePoint	6/29/2022
172706	2	2	State Rd S-42-9927	Greer	29651	BMW SOC #4	ChargePoint	6/29/2022
172707	2	2	State Rd S-42-9927	Greer	29651	BMW SOC #5	ChargePoint	6/29/2022
172708	2	2	State Rd S-42-9927	Greer	29651	BMW SOC #3	ChargePoint	6/29/2022
172709	2	2	State Rd S-42-9927	Greer	29651	BMW SOC #2	ChargePoint	6/29/2022
173223	DCFC	1	145 Drivers Way	Hardeeville	29927	JLR HILTONHEAD DC FAST 01	ChargePoint	6/29/2022
173247	2	2	80 Carolina Point Pkwy	Greenville	29607	RESIDENCEINNGVL EV CHARGER 01	ChargePoint	6/29/2022
173437	2	2	1125 Savannah hwy	Charleston	29407	WHOLE FOODS MKT CHARLESTON SC 2	ChargePoint	6/29/2022
173540	2	2	604 67th Ave N	Myrtle Beach	29572	SEAPATH ON 67TH EV STATION 01	ChargePoint	6/29/2022
173652	2	1	686 Galleria Blvd	Rock Hill	29730	HCRH SHOP02	ChargePoint	6/29/2022
173948	2	2	8106 calvin hall rd	Indian Land	29707	COMPUCOM STATION 1	ChargePoint	6/29/2022
174275	2	2	1630 Bells Hwy	Walterboro	29488	WALTERBORO SBUX STARBUCKS 2	ChargePoint	6/29/2022

174640	2	2	400 Otarre Parkway	Cayce	29033	DOMINION ENERGY CORPORATE CAMP2	ChargePoint	6/29/2022
174940	2	2	106 Old Salem Rd	Seneca	29678	HAMPTON INN 1 STATION 1	ChargePoint	6/29/2022
175484	2	2	Unnamed Road	Greer	29651	BMW LOT C7	ChargePoint	6/29/2022
175485	2	2	Unnamed Road	Greer	29651	BMW LOT C5	ChargePoint	6/29/2022
181484	2	2	1871 Ashley River Rd	Charleston	29407	THE ASHLEY STATION 2	ChargePoint	6/29/2022
181485	2	2	1871 Ashley River Rd	Charleston	29407	THE ASHLEY STATION 1	ChargePoint	6/29/2022
181486	2	2	1871 Ashley River Rd	Charleston	29407	THE ASHLEY STATION 5	ChargePoint	6/29/2022
181729	2	2	International Blvd	North Charleston	29418	CCAA STATION 4	ChargePoint	6/29/2022
181730	2	2	International Blvd	North Charleston	29418	CCAA STATION 3	ChargePoint	6/29/2022
181731	2	2	International Blvd	North Charleston	29418	CCAA STATION 2	ChargePoint	6/29/2022
181732	2	2	International Blvd	North Charleston	29418	CCAA STATION 1	ChargePoint	6/29/2022
183931	2	2	4922 O'hear Ave	North Charleston	29405	Lee & Associates of Charleston	EV Connect	2/15/2021
183933	2	2	2513 Cattle Farm Rd	Latta	29565	Holiday Inn Express & Suites Latta	EV Connect	2/15/2021

185147	2	2	3117 Bramble Glen Dr	Myrtle Beach	29579	GRANDVIEW APTS. EV STATION 2	ChargePoint	6/29/2022
185148	2	2	3117 Bramble Glen Dr	Myrtle Beach	29579	GRANDVIEW APTS. EV STATION 1	ChargePoint	6/29/2022
185162	2	1	302 Seaboard Street	Myrtle Beach	29577	Homewood Suites Myrtle Beach	Blink	6/28/2022
185165	2	1	149 Rogers Bridge Rd	Duncan	29334	Fairfield Inn Spartanburg Greenville/Duncan	Blink	6/28/2022
186059	2	3	3014 Reva Ridge Drive	Johns Island	29455	Crown at Live Oak Square Apartments	Blink	6/28/2022
187824	2	2	52 Market Point Dr	Greenville	29607	OVERTURE GREENV STATION 1	ChargePoint	6/29/2022
187825	2	1	52 Market Point Dr	Greenville	29607	OVERTURE GREENV STATION 2	ChargePoint	6/29/2022
188179	2	2	734 W Main St	Pickens	29671	BREC PICKENS OFFICE	ChargePoint	6/29/2022
189148	2	2	2446 Laurens Rd	Greenville	29607	CARLTON SALES MERCEDES-BENZ	ChargePoint	6/29/2022
190282	2, DCFC	Level 2 - 2, DCFC - 2	490 Killian Rd	Columbia	29203	McDaniels Auto Group	Non-Networked	6/7/2021
190765	2	4	18 Chechessee Creek Drive	Okatie	29909	Chechessee Creek Club	SemaCharge	6/29/2022
190882	2	2	5721 Lancaster Hwy	Fort Lawn	29714	Landsford Inn	Non-Networked	7/14/2021
191032	2	2	930 Richland Street	Columbia	29201	930RICHLANDST STATION 1	ChargePoint	6/29/2022

194062	DCFC	12	272 Herring Road	Fair Play	29643	Carolina Travel Center - Tesla Supercharger	Tesla	10/11/2021
194591	DCFC	8	810 US-17	Yemassee	29945	Wendy's - Tesla Supercharger	Tesla	10/11/2021
194691	2	2	5335 Richburg Rd	Richburg	29729	IBHS #1 STATION 1	ChargePoint	6/29/2022
195355	2	7	6 Hoke Smith Boulevard	Greenville	29615	ROLLING GREEN VILLAGE location	SemaCharge	6/29/2022
195779	DCFC	12	5982 West Jim Bilton Boulevard	Saint George	29477	Food Lion - Tesla Supercharger	Tesla	10/11/2021
195940	2	4	25 Draper Street	Greenville	29611	West Village Lofts	SemaCharge	6/29/2022
196258	DCFC	8	1123 South Lake Drive	Lexington	29073	Lexington, SC - Tesla Supercharger	Tesla	10/11/2021
197045	2	2	8240 Windsor Hill Blvd	North Charleston	29420	Exchange at Windsor Hill	Blink	6/28/2022
197524	2	2	6809 State Park Rd	Travelers Rest	29690	Poinsett Highway Municipal Parking	Non-Networked	11/4/2021
197525	2	3	50 W Broad St	Greenville	29601	Courtyard Greenville Downtown	Non-Networked	11/4/2021
197526	2	2	160 Fairview St	Fountain Inn	29644	Commerce Park	Non-Networked	11/4/2021
197529	2	1	41 S Forest Beach Dr	Hilton Head Island	29928	Ocean Oak Resort By Hilton Grand Vacations	Non-Networked	11/4/2021
198286	DCFC	1	1417 E Washington St	Greenville	29607	Spinx	eVgo	6/29/2022
198287	DCFC	1	8001 Broad River Rd	Irmo	29063	Spinx	eVgo	6/29/2022

198288	DCFC	1	7495 Augusta Rd	Piedmont	29673	Spinx	eVgo	6/29/2022
198289	DCFC	1	9636 Highway 78	Ladson	29456	Spinx	eVgo	6/29/2022
198290	DCFC	1	1504 Boiling Springs Rd	Boiling Springs	29316	Spinx	eVgo	6/29/2022
198291	DCFC	1	697 Fairview Rd	Simpsonville	29680	Spinx	eVgo	6/29/2022
198292	DCFC	1	901 Marue Dr	Greenville	29605	Spinx	eVgo	6/29/2022
198334	DCFC	1	2031 Sam Rittenberg Blvd	Charleston	29407	AAA	eVgo	6/29/2022
201316	DCFC	8	3615 St Matthews Rd	Orangeburg	29118	Hickory Point Gas - Tesla Supercharger	Tesla	6/14/2022
201792	2	6	295 Midland Parkway	Summerville	29485	Summerville Medical Center	SemaCharge	6/29/2022
201796	2	2	1 Parkway S	Greenville	29615	HNA MAIN HNA MAIN	ChargePoint	6/29/2022
202445	2	2	10 Moorlyn Dr	Greer	29650	Venditio LLC	Blink	6/28/2022
202936	DCFC	2	33465 US-301	Hamer	29547	Sunoco West	Greenlots	1/10/2022
203259	DCFC	8	500 Buff Blvd	Summerton	29148	Dairy Queen - Tesla Supercharger	Tesla	1/10/2022
204267	2	2	2840 Saint Matthews Road	Orangeburg	29118	Gibbes Ford	Blink	6/28/2022
204598	2	2	200 Library St	Spartanburg	29306	COURTHOUSE PD STATION 1	ChargePoint	6/29/2022

206480	2	1	314 S McDuffie St	Anderson	29624	MARKET ST GRG STATION 5	ChargePoint	6/29/2022
206494	2	1	314 S McDuffie St	Anderson	29624	MARKET ST GRG STATION 3	ChargePoint	6/29/2022
206495	2	1	314 S McDuffie St	Anderson	29624	MARKET ST GRG STATION 1	ChargePoint	6/29/2022
206498	2	1	314 S McDuffie St	Anderson	29624	MARKET ST GRG STATION 4	ChargePoint	6/29/2022
206518	2	1	314 S McDuffie St	Anderson	29624	MARKET ST GRG STATION 2	ChargePoint	6/29/2022
206603	2	1	1211 S Darryl Pl	Sioux Falls	57110	GLO Best Western Dawley Farms Sioux Falls	Non-Networked	3/7/2022
207750	2	2	13500 Clemson Blvd	Seneca	29678	LAKESIDE LODGE STATION 1	ChargePoint	6/29/2022
211905	DCFC	8	2401 River Rd	Piedmont	29673	VGO - Tesla Supercharger	Tesla	4/6/2022
212643	2	1	2645 Broad St	Sumter	29150	2645 Broad St Sumter	Non-Networked	4/6/2022
212644	2	2	114 Three Point Dr	Ridgeville	29472	Camp Hall Info Center	Non-Networked	4/6/2022
212646	2	2	110 Friend St	Newberry	29108	Newberry County Library System	Non-Networked	4/6/2022
212647	2	2	2808 SC-72	Abbeville	29620	Lakelands Carts	Non-Networked	4/6/2022
212648	2	1	114 Gregor Mendel Cir	Greenwood	29649	Clemson University - Self Regional Hall	Non-Networked	4/6/2022
212649	2	2	103 S Harper St	Laurens	29360	S Harper St Parking Lot	Non-Networked	4/6/2022

212650	2	1	100 Parkridge Dr	Columbia	29212	Love Chevrolet	Non-Networked	4/6/2022
212651	2	2	750 Saturn Pkwy	Columbia	29212	Comfort Suites Columbia at Harbison	Non-Networked	4/6/2022
212652	2	2	2210 Bush River Rd	Columbia	29210	Quality Inn & Suites	Non-Networked	4/6/2022
212653	2	1	177 Greystone Blvd	Columbia	29210	Classic Ford Lincoln of Columbia	Non-Networked	4/6/2022
212654	2	1	7201 Garners Ferry Rd	Columbia	29209	Dick Smith Ford	Non-Networked	4/6/2022
212655	2	2	5617 Sunset Blvd	Lexington	29072	Herndon Chevrolet	Non-Networked	4/6/2022
212656	DCFC	1	825 US-1	Lugoff	29078	Lugoff Chevrolet Buick GMC	Non-Networked	4/6/2022
212761	2	1	2662 Broad St	Sumter	29150	Sumter Chrysler Dodge Jeep & Ram	Non-Networked	4/6/2022
212762	2	1	80 Pope Ave	Hilton Head Island	29928	Celebration Park	Non-Networked	4/6/2022
212765	2	1	430 William Hilton Pkwy	Hilton Head Island	29926	Petsmart	Non-Networked	4/6/2022
212766	2	2	20 Wilborn Rd	Hilton Head Island	29926	Hilton Head Recreational Center	Non-Networked	4/6/2022
212768	2	1	2645 Broad St	Sumter	29150	Springhill Suites Station	Non-Networked	4/6/2022
212769	2	1	2541 Broad St	Sumter	29150	Candlewood Suites Station	Non-Networked	4/6/2022
212770	2	1	2490 Broad St	Sumter	29150	Holiday Inn Express Station	Non-Networked	4/6/2022
212771	2	1	3355 Patriot Pkwy	Sumter	29154	Willie Sue's Station	Non-Networked	4/6/2022

213785	2	1	51 Auto Mall Blvd	Hardeeville	29927	ANHYUNDAIHH1 STATION #1	ChargePoint	6/29/2022
213786	2	1	225 Drivers Way	Hardeeville	29927	ANHYUNDAIHH1 SHOP CHARGER	ChargePoint	6/29/2022
213991	DCFC	2	71 Mathews Dr	Hilton Head Island	29926	Circle K #270277	Non-Networked	5/5/2022
214067	DCFC	1	71 Mathews Dr	Hilton Head	29926	Circle K	Non-Networked	5/5/2022
214709	DCFC	12	2076 Bells Hwy	Walterboro	29488	Shoppes of Walterboro - Tesla Supercharger	Tesla	5/5/2022
214915	2	2	3955 Faber Pl Dr	North Charleston	29405	3955 FABER PLAC STATION 1	ChargePoint	6/29/2022
214928	2	2	100 Bushwood Court	Summerville	29486	Building 100	SemaCharge	6/29/2022
214929	2	2	200 Bushwood Court	Summerville	29486	Building 200	SemaCharge	6/29/2022
214930	2	2	500 Raleigh Circle	Summerville	29486	Building 500	SemaCharge	6/29/2022
214931	2	2	300 Gozer Place	Summerville	29486	Building 300	SemaCharge	6/29/2022
214932	2	2	400 Gozer Place	Summerville	29486	Building 400	SemaCharge	6/29/2022
216566	2	4	65 Fairchild Street	Charleston	29492	Blackbaud - 65 Fairchild St	SemaCharge	6/29/2022
217422	2	1	1945 Hanahan Road	North Charleston	29406	The Burke	Blink	6/28/2022

218660	DCFC	16	3390 N Williston Rd	Florence	29506	Buc-ee's - Tesla Supercharger	Tesla	6/14/2022
220197	DCFC	12	3725 Avenue of the Carolinas	Fort Mill	29708	Comfort Inn - Tesla Supercharger	Tesla	6/14/2022
220289	2	1	2101 Florence Harlee Blvd	Florence	29506	Holiday Inn Express and Suites	Non-Networked	6/14/2022
220290	DCFC	2	2696 US-76	Mullins	29574	Marion Construction Center	Greenlots	6/14/2022
220291	2	3	2592 SC-9	Little River	29566	North Strand Nissan	Non-Networked	6/14/2022
220292	2	1	3740 Hwy 9 E	Little River	29566	Jud Kuhn Chevrolet	Non-Networked	6/14/2022
220295	2	2	9922 N Kings Hwy	Myrtle Beach	29572	Chestnut Hill Restaurant	Non-Networked	6/14/2022
220296	2	2	100 Duvall Dr	Greenville	29607	Steve White Volkswagen	Non-Networked	6/14/2022
220297	2	2	200 Duvall Dr	Greenville	29607	Audi Greenville	Non-Networked	6/14/2022
220298	2	1	166 Church St	Charleston	29401	French Quarter Inn	Non-Networked	6/14/2022
220300	2	1	1500 Savannah Hwy	Charleston	29407	Rick Hendrick Chevy	Non-Networked	6/14/2022
220301	2	1	1468 Savannah Hwy	Charleston	29407	Rick Hendrick Dodge Jeep Ram Chrysler	Non-Networked	6/14/2022
220302	2	1	1464 Savannah Hwy	Charleston	29407	Hendrick Volvo Cars of Charleston	Non-Networked	6/14/2022
220444	2	2	1475 Gunnison Cir	Sumter	29150	RTRT AT SUMTER BHC SUMTER 3	ChargePoint	6/29/2022

220445	2	2	3310 Sheminally Way	Sumter	29150	RTRT AT SUMTER BHC SUMTER 2	ChargePoint	6/29/2022
220446	2	2	1405 Gunnison Cir	Sumter	29150	RTRT AT SUMTER BHC SUMTER 1	ChargePoint	6/29/2022
220682	DCFC	8	436 William Hilton Pkwy	Hilton Head Island	29926	Parkers - Tesla Supercharger	Tesla	6/14/2022

## **Appendix B**

### **Tabular Data for DCFC Locations on South Carolina AFC Corridors**

**DCFC Locations on South Carolina AFC Corridors**

<b>ID</b>	<b>Charger Level</b>	<b>Number of Connectors</b>	<b>Street Address</b>	<b>City</b>	<b>Zip Code</b>	<b>Location</b>	<b>EV Network</b>	<b>Date Last Confirmed</b>
122985	DCFC	4	7250 Rivers Ave	North Charleston	29406	Target T1829 - N Charleston, SC	Electrify America	6/29/2022
133662	DCFC	4	1211 Woodruff Road	Greenville	29607	Sam's Club 8278 - Greenville, SC	Electrify America	6/29/2022
167167	DCFC	4	230 N Beltline Drive	Florence	29501	Walmart 630 Florence	Electrify America	6/29/2022
169353	DCFC	4	360 Harbison Blvd	Columbia	29212	Walmart 1164 - Columbia, SC	Electrify America	6/29/2022
169461	DCFC	4	2110 Bells Highway	Walterboro	29488	Walmart 1358 - Walterboro, SC	Electrify America	6/29/2022