What to Expect Today

• Overview of DC Fast Priority Corridors program
• When/how to submit your application
• Scoring criteria
• Where to find information after this workshop
• Questions and answers

This is not a public forum for comments on implementation of the VW Settlement
Phase 2 DC Fast Priority Corridors was Released on February 14, 2022

Applications opened in DAQ Grant Management System (GMS) on February 14, 2022

Applications are due: May 16, 2022, 11:59 PM EST
Subscribe to our VW Email List!

If you are not currently on our mailing list and would like to receive email updates about the Volkswagen Settlement Program, please send an email with the word “Subscribe” in the subject line to daq.NC_VWGrants@ncdenr.gov.
DC Fast – Priority Corridors Program
## Level 2 vs DC Fast

<table>
<thead>
<tr>
<th>Type</th>
<th>Kilo watts hours (kWH)</th>
<th>Miles of Range Per Hour (RPH)</th>
<th>Time to Full Charge</th>
<th>Best use Locations</th>
<th>Connector Images</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2</td>
<td>3.7 to 14.4 kWh</td>
<td>12 to 80 RPH</td>
<td>3 ~ 8 Hours depending on Battery Size</td>
<td>• Home &lt;br&gt; • Work &lt;br&gt; • Topping off around Town</td>
<td>J1772 Connector</td>
</tr>
<tr>
<td>DC Fast</td>
<td>50kWH +</td>
<td>200+ RPH</td>
<td>80% in 30 minutes</td>
<td>• Short Stops Less than 1 Hour &lt;br&gt; • Express Corridor Locations</td>
<td>CCS, CHAdeMO, Tesla</td>
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</table>
Phase 2 Zero Emission Vehicle Light-Duty Infrastructure Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Charger Type</th>
<th>Request for Proposal</th>
<th>RFP Release Date</th>
<th>Available Funding</th>
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<tbody>
<tr>
<td>ZEV Infrastructure</td>
<td>DC Fast</td>
<td>Priority Corridors</td>
<td>February 12, 2022</td>
<td>$4,997,424</td>
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<tr>
<td></td>
<td></td>
<td>Existing Sites</td>
<td>April 2022</td>
<td>$1,642,927</td>
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<tr>
<td>ZEV Infrastructure</td>
<td>Level 2</td>
<td>State Agencies</td>
<td>February 28, 2022</td>
<td>$1,009,684</td>
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<tr>
<td></td>
<td></td>
<td>Publicly Accessible</td>
<td>March 2022</td>
<td>$1,070,877</td>
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<tr>
<td></td>
<td></td>
<td>Multi-Unit Dwellings</td>
<td>April 2022</td>
<td>$489,544</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Workplace</td>
<td>April 2022</td>
<td>$489,544</td>
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<tr>
<td>Total ZEV Infrastructure</td>
<td></td>
<td></td>
<td></td>
<td>$9,700,000</td>
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</table>
## DC Fast Priority Corridors Funding Levels

<table>
<thead>
<tr>
<th>Charging Capacity</th>
<th>Priority Corridor (Per Port)</th>
<th>Non-Priority Corridor (Per Port)</th>
<th>Maximum Number of Ports Funded per Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Government Owned Property</td>
<td>Non-Government Owned Property</td>
<td>Government Owned Property</td>
</tr>
<tr>
<td>50kW to 60kW</td>
<td>100% $67,500</td>
<td>80% $54,000</td>
<td>100% $52,500</td>
</tr>
<tr>
<td>60kW to 75kW</td>
<td>100% $76,000</td>
<td>80% $60,800</td>
<td>100% $60,000</td>
</tr>
<tr>
<td>76kW to 120kW</td>
<td>100% $114,000</td>
<td>80% $91,200</td>
<td>100% $90,000</td>
</tr>
<tr>
<td>121kW and over</td>
<td>100% $142,500</td>
<td>80% $114,000</td>
<td>100% $120,000</td>
</tr>
</tbody>
</table>
Eligible applicants include:

• Government organizations
• Non-government organizations

Specific details on eligible applicants can be found in the RFP.
DC Fast – Priority Corridors Program

This RFP is for funding new DC Fast charging sites along identified priority corridors.
DC Fast – Priority Corridors Program

- This RFP is for funding new DC Fast charging sites along identified priority corridors.

- What if my proposed location is NOT on the priority corridor?
  - Apply!
DC Fast – Priority Corridors Program

Before beginning the application, please make sure you have the following information available.

The application checklist can be found [here](#).

**Access to GMS.**

DO NOT Wait to the Last WEEK.

**General Application Requirements (All applications)**

- GMS Access (During the User Creating you are linked to a Business Entity)
- NCID
- Project Information

**Zero Emission Vehicle Infrastructure Charging Program**

(See Application for more Details)

- GPS coordinates of Charging Station Location and Street Address
- Charging Equipment Information (# of ports, spaces, model, manuf., etc.)
- Materials/Services/Labor estimated costs
- Site Host Letter of Commitment (if necessary) (for Upload)
- Utility Assessment of Site (for Upload)
- Local map to show amenities (for Upload)
- Plans to show exact charging station and parking space location (for Upload)
- Any other additional documentation to support application (Including use surveys, etc.)
DAQ Grant Management System (GMS)

• Setting up an NCID:
  https://ncid.nc.gov.

• Instructions are found here: How-to-Create-a-NC-ID.pdf

• Your NCID username and password are your credentials for the GMS System.
DAQ Grant Management System (GMS)

- After getting your NCID
- Completed the North Carolina Substitute **W-9** Form for your agency and email it to svc.NCVWApplication@ncdenr.gov.
- Finally Submit the **DAQ Access Authorization WEB Form**

Each organization is allowed up to 3 authorized users.

Once the authorization is processed, you will receive an email from NCDOT IT SAP Support Services.
DAQ Grant Management System (GMS)

- DAQ Grant Management System (GMS) can be accessed at: https://www.ebs.nc.gov/irj/portal

- GMS Instructions can be found at: https://deq.nc.gov/about/divisions/air-quality/motor-vehicles-and-air-quality/volkswagen-settlement/grants-management

- Downloadable GMS Manual
DAQ Training Library
DC Fast – Priority Corridors Program
DC Fast – Priority Corridors Program

![Search Criteria and Result List](image)

<table>
<thead>
<tr>
<th>Program ID</th>
<th>Description</th>
<th>Application Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCDEQDAQ0005</td>
<td>FY2021 Diesel Emissions Reduction Act</td>
<td>DAQ Grant Application - DERA</td>
</tr>
<tr>
<td>NCDEQDAQ0006</td>
<td>Phase 2 Transit and Shuttle Bus Program</td>
<td>DAQ Grant Application - Diesel</td>
</tr>
<tr>
<td>NCDEQDAQ0007</td>
<td>Phase 2 DCFast Priority Corridor Program</td>
<td>DAQ Grant Application - Fast Charge</td>
</tr>
</tbody>
</table>
DC Fast – Priority Corridors Program

Auto Filled from your User Account

Check Each Page as you proceed.
If the Contacts are the Same Copy
Just start with the Line Number if You have multiple Chargers this will auto add new lines.
DC Fast – Priority Corridors Program

Check and Save.
1. Please provide a detailed description of the proposed project. Describe procurement, installation, activation/commissioning, testing and signage. Describe collaborations with interested utilities, local business, cities, counties or other entities. Describe sustainable business model for this project. Describe customer support/service accessibility. Describe networking and networking security for both payment and data capture. 6 out of 3000

2. Explain how this request fits into North Carolina’s Beneficiary Mitigation Plan. 6 out of 1316

3. What is the likelihood that the project will incentivize future indirect NOx and other emission reductions? 0 out of 1462

4. Renewable Energy Certificates: Please provide detailed plans for any use of any renewable energy certificates for powering the charging station and how the energy will be provided. Include a signed copy of the agreement. 0 out of 731

5. Project Feasibility: Provide a description of how you as the applicant have the necessary technical, managerial, procurement, and financial capability and experience to execute on your proposed project. 0 out of 731

6. Use this space for any additional information that you believe will be helpful in evaluating the project. (Optional) 0 out of 731
DC Fast – Priority Project Details

1. Please provide a detailed description of the proposed project. Explain how this request fits into North Carolina's Beneficiary Mitigation Plan.

2. What is the likelihood that the project will incentivize future indirect NOx and other emission reductions?

3. Renewable Energy Certificates: Please provide detailed plans for any use of any renewable energy certificates for powering the charging station and how the energy will be provided. Include, a signed copy of the agreement. (The Signed REC expending or allotting them to your project is required for the contract.)

4. Project Feasibility: Provide a description of how you as the applicant have the necessary technical, managerial, procurement, and financial capability and experience to execute on your proposed project.

5. Use this space for any additional information that you believe will be helpful in evaluating the project. (Optional)
## DC Fast – Priority Corridors Program

### Application Form

<table>
<thead>
<tr>
<th>Project</th>
<th>Contact</th>
<th>Charger Details</th>
<th>Budget</th>
<th>Project Details</th>
<th>Certification</th>
</tr>
</thead>
</table>

- By checking this box, 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 a contract with DEQ will be executed.

**Authorized Representative**

Name:  
Title:  
Date:  

[Submit]
DC Fast – Priority Corridors Program

Confirmation

Your Application has been Saved successfully. - Application ID 1000010853

Your application is not complete until all required documents have been submitted.

To download the Required Attachments Checklist, please click link: (Link to Checklist)

Click browse to select file (100 MB maximum) [Choose File] No file chosen [Attach]
Editing an Existing Application
Editing an Existing Application

<table>
<thead>
<tr>
<th>Pre-Agreement Request ID</th>
<th>Description</th>
<th>Created By</th>
<th>Status</th>
<th>Created On</th>
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</thead>
<tbody>
<tr>
<td>1000010853</td>
<td>New Electric Bus</td>
<td>BCPHILLIPS</td>
<td>In Process by Applicant</td>
<td>02/02/2022 10:38:42</td>
</tr>
</tbody>
</table>
Submitting Your Application

By checking this box, 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 a contract with DEQ will be executed.

Authorized Representative

Name: John Doe  Title: Director  Date: 

Previous  Check  Save & Close  Submit
Submitted Application and Uploading Attachments

Your Application has been **Submitted** successfully. - **Application ID** - 1000010853

Your application is not complete until all required documents have been submitted.

To download the Required Attachments Checklist, please click link: [Link to Checklist]

Click browse to select file (100 MB maximum) [Choose File] No file chosen [Attach]
Finding an Application in GMS

Partner Name: is
Grantee ID: is
Application ID: is 1000010853
Description: is
Program ID: is

Maximum Number of Results: 100

Search

<table>
<thead>
<tr>
<th>Pre-Agreement Request ID</th>
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</tr>
</tbody>
</table>
Tips and Things to Know

• DO NOT WAIT TO THE LAST WEEK TO REQUEST GMS ACCESS OR APPLY!!!!!!!!!!
• The RFP to expand and replace existing DC Fast sites will be released April 2022
• Budget information should be as accurate as possible
• DEQ reserves the right to partially fund awarded projects
• Essays will be used to assist in evaluating projects that score similarly to determine awardees
• We will not accept paper, scanned, emailed, or faxed applications. We will not accept applications after the due date.
• Do not sign any agreements with vendors or start work until your contract is fully executed

• APPLICATION AWARD IS NOT A FULLY EXECUTED CONTRACT
Subscribe to our VW Email List!

If you are not currently on our mailing list and would like to receive email updates about the Volkswagen Settlement Program, please send an email with the word “Subscribe” in the subject line to daq.NC_VWGrants@ncdenr.gov.
This is a Competitive reimbursement program.
DC Fast Priority Corridors Application Scoring
Lifetime Cost Effectiveness: VW$ funded per kW charging rate * number of charging ports (20 points)

Cost Effectiveness (CE) (VW$ funded per kW charging rate * number of charging ports):

\[
CE = \frac{VW\$}{\text{Maximum Available (kW} \times \text{Ports)}}
\]

CE is based on applicant provided budgets. Projects are ranked best to least CE. The most CW will get 20 points the least 0.
Distance to other DC Fast Charging Stations (20 points)

Distance to other DC fast charging sites: How many miles to existing DC fast charging sites (not including dealerships or Tesla Supercharger locations) along interstate to project area?

- Over 100 miles: 20 points
- 99 to 51 miles: 15 points
- 50 to 26 miles: 10 points
- Less than 25 miles: 5 points
Distance Off Interchange (15 points)

Distance off interchange: Ranked highest to lowest; based on proposed site location from interchange.

• Less than 2 miles: 15 points
• 2 to 3 miles: 10 points
• Over 3 miles but less than 5 miles: 5 points
• Over 5 miles: 0 points
To determine environmental justice (EJ) scores for the purpose of ranking and rating vehicles and projects, the following analysis was done at the block group level using the 2019 American Community Survey (ACS) five-year estimates. The ACS is a demographic survey conducted each year by the U.S Census Bureau to collect detailed demographic information. For this analysis, aggregated five-year data from the 2017 and 2019 surveys was used to increase reliability.

The Environmental Protection Agency defines environmental justice (EJ) as “the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.” (US EPA). Historically, people of color and people of low-income, along with other vulnerable populations, have been disproportionately exposed to harmful pollutants.

See Table B-1 of the RFP.
Traffic Density of Location (15 points)

Traffic Density of location: Annual Average Daily Traffic (AADT) of the proposed project area. (See AADT map in Appendix C).

- 90,001 to 195,000: 15 points
- 42,001 to 90,000: 10 points
- 1,600 to 42,000: 5 points
Accessibility and Proximity to Amenities (15 points)

Accessibility and proximity to amenities: Distance to amenities such as restrooms, food, local restaurants, and retail shopping.

• Onsite: 15 points
• Less than ¼ mile from amenities: 10 points
• ¼ mile or more from amenities: 5 points
Renewable Energy Certificates (10 points)

Renewable Energy Certificates: Percentage of electricity to power the DC fast charging station for five-years.

- 100%: 10 points
- 50% to 99%: 7.5 points
- 26% to 50%: 5 points
- 1% to 25%: 2.5 points
Bonus Points: Historically Under-Resourced County Outreach Program (10 points)

The Historically Under-Resourced Counties Outreach Program includes counties that have an underserved population greater than 15% and are designated as Tier 1 by the NC Department of Commerce.

For projects located in one of these counties, a bonus of 10 points will be awarded.
# DC Fast – Priority Corridors Project Scoring Criteria

<table>
<thead>
<tr>
<th>Category</th>
<th>Maximum Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Effectiveness</td>
<td>20</td>
</tr>
<tr>
<td>Distance to Other DC Fast Charging Sites</td>
<td>20</td>
</tr>
<tr>
<td>Distance Off Interchange</td>
<td>15</td>
</tr>
<tr>
<td>Environmental Justice</td>
<td>15</td>
</tr>
<tr>
<td>Traffic Density of Location</td>
<td>15</td>
</tr>
<tr>
<td>Accessibility and Proximity to Amenities:</td>
<td>15</td>
</tr>
<tr>
<td>Bonus: Renewable Energy Certificate:</td>
<td>10</td>
</tr>
<tr>
<td>Bonus: Historically Under-Resourced County</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total Points Possible</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
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## DC Fast – Priority Corridors Project Scoring Criteria

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<tr>
<td>Distance to Other DC Fast Charging Sites</td>
<td>20</td>
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<tr>
<td>Distance Off Interchange</td>
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<td>Environmental Justice</td>
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<td>Traffic Density of Location</td>
<td>15</td>
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<tr>
<td>Accessibility and Proximity to Amenities:</td>
<td>15</td>
</tr>
<tr>
<td><strong>Bonus: Renewable Energy Certificate:</strong></td>
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<td><strong>Total Points Possible</strong></td>
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DC Fast – Priority Corridors Applications

• Due date for application and all supporting materials:

  May 16, 2022, by 11:59 PM EST

• Please submit all applications and supporting documentation in the DAQ Grant Management System:

  https://www.ebs.nc.gov/irj/portal

• We will not accept paper, scanned, emailed, or faxed applications. We will not accept applications after the due date.
DC Fast – Priority Corridors RFP Timeline

- Release of RFP: February 14, 2022
- Applications open in GMS: February 14, 2022
- Proposal applications due date: May 16, 2022
- Proposal application evaluations: May – June 2022
- Phase 2 project selections: July 2022
- Grant awards announced: July – August 2022
DC Fast – Priority Corridors Program Contacts

Dave Willis, Environmental Program Consultant, DC Fast Program Manager
Phone: 919-733-1482
Email: dave.willis@ncdenr.gov

Brian Phillips, Mobile Sources Compliance Branch Supervisor
Phone: 919-707-8426
Email: brian.phillips@ncdenr.gov

Robin Barrows, Allied Programs Supervisor – VW Outreach
Phone: 919-707-8445
Email: robin.barrows@ncdenr.gov
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Where to get more information after today?

DC Fast Priority Corridors RFP Program
https://deq.nc.gov/VWsettlement-DCPriority-RFP

E-mail questions to: daq.NC_VWGrants@ncdenr.gov