



U.S. Department of Transportation

National Electrical Vehicle Infrastructure (NEVI) Formula Program

Louisiana Department of Transportation & Development
Jeff Landry, Governor
Terrence (Joe) Donahue, Secretary of Transportation



Federal Funding

➤ \$73.1 million – Louisiana – Infrastructure
and Jobs Act (IIJA)

❖ **Actual** FY 2022 Funding = \$10,859,512
FY 2023 Funding = \$15,626,960

❖ National Electric Vehicle Infrastructure (NEVI)
Formula Program

❖ Updated Statewide Deployment Plan Approved 10/17/2023

❖ The updated plan for 2024 was submitted in August and is pending approval. Upon approval, the 3rd year of funding will be released.

Federal Funding

➤ Estimated Future Disbursements for DOTD

- ❖ FY 2024 Funding = \$15,627,068
- ❖ FY 2025 Funding = \$15,627,081
- ❖ FY 2026 Funding = \$15,627,114

Disbursement Grant Program

- Up to 80% Federal Match (NEVI Funds)
 - ❖ Minimum 20% Non-Federal Match
- Competitive Selections
 - ❖ Site-specific applications
 - ❖ Selection committee
- Procurement
 - ❖ Single-phase procurement
 - ❖ FHWA Form 1273/Title 23 U.S.C.
- Contracts

Statewide EV Deployment Plan

➤ Direct Current (DC) Fast Chargers

❖ Four 150 kW ports = 600 kW/site

➤ Phase 1 ~ 25 new sites (built-out)

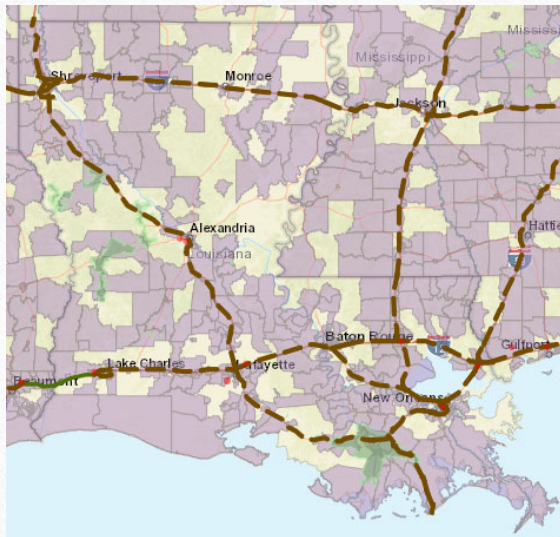
➤ Phase 2 ~ 50 new sites including and beyond corridors

Louisiana State Plan
for Electric Vehicle
Infrastructure
Deployment

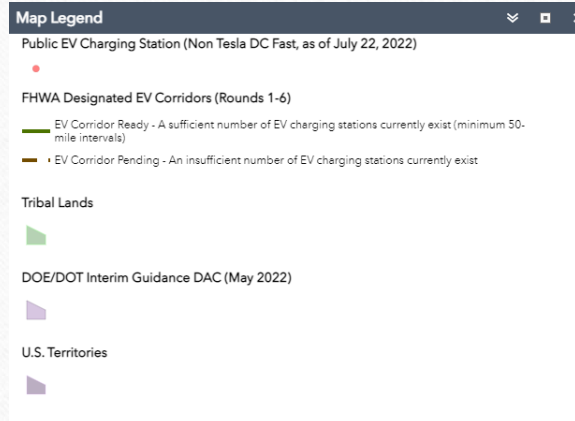


Louisiana Department of Transportation and Development | 1201 Cabell Avenue South | Baton Rouge, LA 70802
225-379-1333 | An Equal Opportunity Employer | A Drug-Free Workplace | Agency of Louisiana.gov | 10/2022

RFP Application Rules and Process



- [Energy Justice Dashboard \(anl.gov\)](https://anl.gov)
- [Electric Vehicle Charging Justice40 Map \(arcgis.com\)](https://arcgis.com)



Justice40

- 40% of EV Program benefits are to be delivered to Disadvantaged Communities (DACs)
 - ❖ Tribal Nations, Women, Black, Latino, Asian American Pacific, Indigenous, and other historically underrepresented groups
 - ❖ Charging Sites in DAC's (Access, Zero Emissions)
 - ❖ Affordable Charging Rates
 - ❖ Job Training/ Workforce Development/ Entrepreneurship
 - Disadvantaged Business Enterprise (DBE) Participation
 - Ownership, Installation, Operation, Maintenance, Apprenticeships, On-the-job training

Federal Program Requirements

- At least 4 network-connected DCFC charging ports capable of simultaneously charging a minimum of 4 EVs along AFCs
- Off-AFC sites must have at least 4 network connected DCFC or AC Level 2 charging ports capable of charging at least 4 EVs simultaneously.
- Each DCFC must be capable of charging any CCS-compliant vehicle
- DCFCs located along AFCs must have a continuous power delivery of at least 150 kW simultaneously from each charging port
- Each AC Level 2 charging port must have continuous power delivery of at least 6 kW simultaneously

Federal Program Requirements

- AFC sites shall be accessible to the public 24/7
- Off-AFC sites shall be available at least as frequently as the business hours of the site host
- All chargers shall provide secure payment methods
 - Accessible to persons with disabilities
 - Include contactless payment methods

Federal Program Requirements

- Cannot require a membership
- No limiting power flow
- Provide access for users limited in English
- Accessible to people with disabilities
- OSHA and Energy Star certified
- Implementation of physical and cybersecurity strategies

Federal Program Requirements

- Be maintained in compliance for a 5 year period of performance
- Provide qualified technicians
 - EVITP certified
- Customer Service availability
- Use revenue during the 5 year period of performance for EV charging station (may be obligated for other purposes under USC Title 23)

LA DOTD Requirements and Optional Items

(Optional items will be awarded additional points)

- Include NACS connector at each port, in addition to CCS connectors (Optional)
- Minimum of 1 pull-through bay at each station (Optional)
- Include station-specific overhead lighting (Optional)
- Include overhead canopy for drive-up EV charging bays (Optional)
- Include bollards at each EV charging port (Optional)
- Clean energy backup power for at least 1 port/station (Optional)
- 5 year O&M Contract with a qualified NEVI EVITP contractor (Mandatory)
- LA DOTD intends on awarding 10 sites in Round 1 (Depending on Applications)

Drive-Up Bay Canopies

Will the Applicant include overhead canopy for drive-up EV charger bays at each site?



One pull-through bay per station

Will the Applicant include at least one pull-through bay at each site for light duty vehicles with trailers?



Bollards

Will the Applicant include bollards at each EV charging port?



Lighting

Will the Applicant include station-specific overhead lighting at each site?



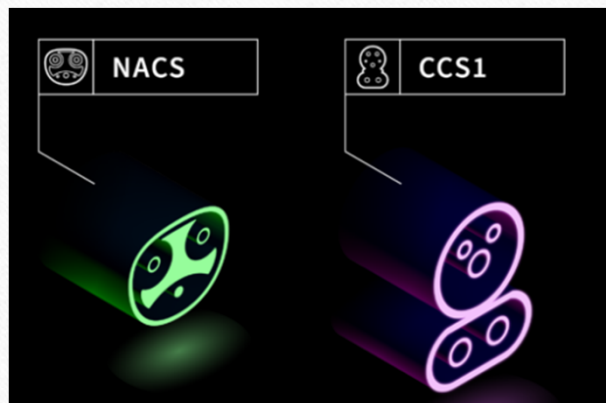
Clean Energy Backup

Will the Applicant include clean energy backup power for any number of ports at each station along the AFC?



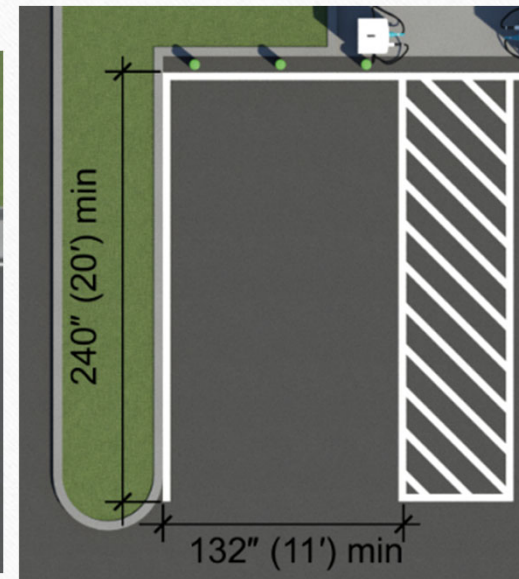
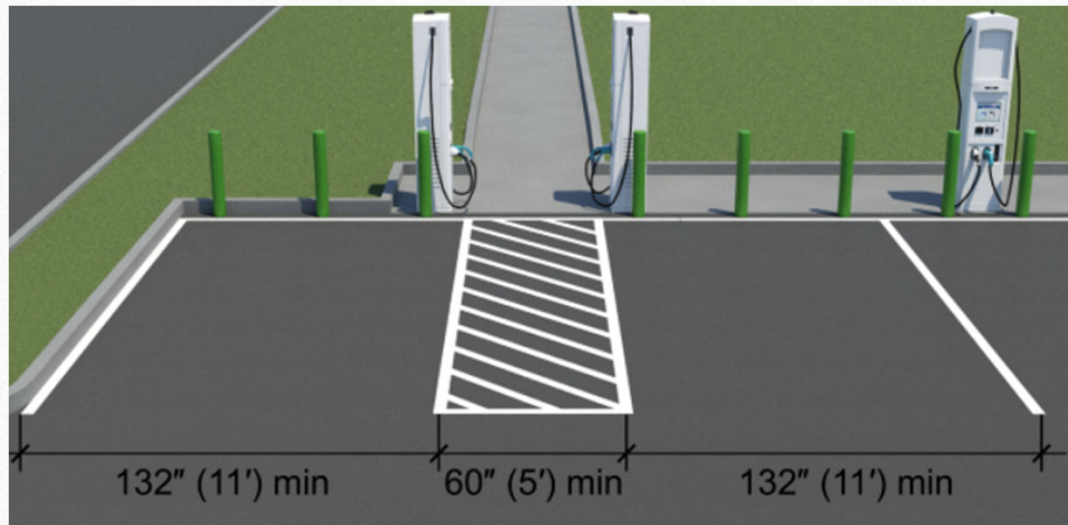
NACS Connectors (in addition to CCS)

Will each site's EV charging infrastructure include at least four 150 kW Direct Current Fast Chargers (DCFCs) consisting of 4 Combined Charging System (CCS) ports and 4 North American Charging Standard (NACS) connectors capable of simultaneously DC fast charging four EVs continuously?



ADA Compliance

Will the Applicant comply with the ADA NEVI program's requirements at each site?



5 year O & M Contract

Full-Coverage Operations and Maintenance Contract: The Grantee shall comply with a five-year operations, maintenance and data submittal plan. The Grantee shall acquire a five-year service contract from a qualified NEVI EVITP (Electric Vehicle Infrastructure Training Program) contractor in compliance with the Final Rule, providing 100% coverage of labor, parts, and materials as well as emergency maintenance service. This contract shall include comprehensive preventive maintenance for the covered equipment and systems and repair and replacement coverage (sometimes called a “breakdown” insurance policy) for the covered equipment. Operations and maintenance funds will be distributed as an annual reimbursement at the end of each 12 month period following Final Acceptance for each station and only after Grantee has submitted operations and maintenance reports documenting they met operations and performance requirements.

Eligible for Reimbursement

- ❖ Necessary charger components
- ❖ Directional signage
- ❖ Repairs and upgrades to existing chargers
- ❖ On-site renewable energy generation and storage
- ❖ Transformers and other on-site electrical
- ❖ Workforce development related to charging EV's
- ❖ Pre-construction activities (environmental, engineering)
- ❖ Purchase of proprietary adaptors
- ❖ Maintenance and operation costs



Minimum Cybersecurity

- User identity access management
- Appropriate encryption systems
- Intrusion and malware detection
- Event logging and reporting
- Management of software updates
- Secure operation during communication outages



Application Scoring Worksheet

Table 2 - Scoring Worksheet

Item	Description	Criteria	Max Points
1	Describe Staffing Plan and Experience installing, operating, maintaining, and reporting for NEVI projects over the past five years. Highlight any LA and regional experience. Highlight experience from all team members.	Evaluation of Staffing Plan and Experience.	10
2	Describe Financial Plan for site construction.	Evaluation of the Financial Plan.	9
3	Amenities – describe availability of food/beverages, dining, open/free Wi-Fi/internet, retail shopping in vicinity, dedicated support staff for EV charging, 24/7 access to restrooms.	Evaluation of Customer Amenities	9
4	Describe Project Approach - planning, design/permitting, site preparation/construction, approach to rates/billing, O&M contracting commitment, up time, data sharing, cybersecurity, physical security, estimated schedule, safety/training.	Evaluation of Project Approach	8
5	Describe Approach to Plan Equity Goals (Refer to Equity Plan Guidance for NEVI Applications (Including Justice40 Initiative))	Evaluation of Approach to Plan Equity Goals.	7
6	Business Model Beyond 5 Years - describe how the company plans to increase revenue with its services and customer base beyond the Period of Performance of 5 years.	Evaluation of Business Model Beyond 5 Years	5
7	Describe Training and Certification Plan for employees/contractors that install, operate and maintain DCFC equipment.	Evaluation of Training and Certification Plan	5

Application Scoring Worksheet

8	Total Project Installation Cost estimate for each site group installation.	(Lowest Total Cost per Group divided by Individual Applicant Total Cost per Group) x 14	14
9	Customer & Equipment Safety & Security (in addition to requirements) (Optional)	Bollards at all chargers = 3 points, station specific lighting = 3 points, video surveillance = 1 point, fire safety equipment = 1 point.	8
10	J3400 connectors in addition to required CCS 1 connectors (Optional)	Two J3400 connectors/station = 4 points, Four J3400 connectors/station = 8 points (in addition to CCS 1 connectors)	8
11	Charger canopies (Optional)	At least one canopy-covered drive up stall per station	5
12	Pull-through stall for light duty vehicles with trailers (Optional)	At least one pull-through stall per station	5
13	Charger clean fuel backup power (Optional)	At least one charger with clean fuel backup power per station	5
14	Generator Connectors (Optional)	All chargers with generator connectors per station	2
		Total:	100

RFP Application Rules and Process

- Application
 - Applicant information
 - Names
 - Addresses
 - Contact Info
 - Background/Experience
 - Privacy and Cybersecurity Plan
 - Safety and Security
 - Proposal Site Info

RFP Application Rules and Process

- EVSE Installations
 - Last 5 years
 - Contact Info
 - Start Date
 - Connector Types
 - Power Level
 - Charger Up-Time

RFP Application Rules and Process

- Candidate Site Info
 - Site Information
 - Host Information
 - Site Access Approach
 - Power Company Info
 - Equipment Vendor
 - Site Details/Schematic
 - Permit Status
 - Financial Considerations

RFP Application Rules and Process

- Power/Service Site Information
 - Utility Company Information
 - Applicant Affirmation
 - Utility Affirmation

RFP Application Rules and Process

- Cybersecurity Expectations
 - Monitoring for Cyber Threats
 - Threat Reporting
 - Cyber Incident Response Plan
 - Patch Management
 - Supply Chain Risk Management
 - Compliance and Review

RFP Application Rules and Process

- Pricing Proposal Breakdown

Table 3 – Payment Milestones

Milestones
Design and Permitting Completed
Utility Infrastructure Improvements Completed
Site Preparation and Construction Completed
EVSE Hardware and Software Completed
Annually – Operations and Maintenance, Network Subscription and Power

Liquidated Damages

Table 4 – Liquidated Damages

Range Uptime	Average Annual Percentage	# of days per Year in Range	Amount of Liquidated Damages Per Site
1	> than 97%	[11]	N/A
2	80% to </= 97%	[62]	33% of Previous Year O&M, Network Subscription and Power Invoices
3	50% to < 80%	[110]	66% of Previous Year O&M, Network Subscription and Power Invoices
4	< 50%	[182]	100% of Previous Year O&M, Network Subscription and Power Invoices

LA DOTD NEVI Website

National Electric Vehicle Infrastructure (NEVI) Funding Program



Louisiana will receive approximately 73 million dollars for electric vehicle (EV) infrastructure through President Biden's Infrastructure Investment and Jobs Act (IIJA). The Louisiana Department of Transportation and Development (LA DOTD) plans to administer the deployment of electric vehicle charging station infrastructure throughout the State.

As part of the EV infrastructure deployment plan, the U.S. Legislature has made National Electric Vehicle Infrastructure (NEVI) Formula Program funds available for expenditure by state transportation agencies. These funds will cover 80 percent of the EV infrastructure expenses with a minimum 20 percent state match covered by grant recipients. To disburse these funds, LA DOTD is developing a competitive grant program that allows for a phased approach to the buildout of electric vehicle supply equipment (EVSE) over five years that meets federal requirements of DC Fast Chargers within one mile of designated corridors.

Sign up for updates on our EV grant program through MyDOTD by visiting [La DOTD - MyDOTD](#) and selecting the option to "Sign Up Now" to create an account, or sign in to customize your alerts and select "Electric Vehicle Grant Program". Please send comments and/or inquiries to DOTD-EVProgram@la.gov. You can also take our public survey [here](#).

Questions?

- Email DOTDEVProgram@la.gov

- Website

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Operations/Electric-Vehicle/Pages/default.aspx