



Louisiana State Plan for Electric Vehicle Infrastructure Deployment

2025 UPDATE

Introduction

As part of the EV infrastructure deployment, Congress has made National Electric Vehicle Infrastructure (NEVI) Formula Program funds available for expenditure by state transportation agencies. These funds will cover up to 80 percent of the EV infrastructure expenses with a minimum of 20 percent non-federal matching funds covered by grant recipients.

Louisiana will receive \$73,367,735 for electric vehicle (EV) infrastructure through federal funding. The Louisiana Department of Transportation and Development (LADOTD) will administer the funds for the deployment of electric vehicle charging infrastructure via a competitive grant process throughout the State.

NEVI Program Funding: Plan and Goals

The Louisiana NEVI State plan is designed to enable residents and businesses who currently own or want to purchase electric vehicles to fuel quickly and safely across the State for work, recreation, and travel. In order to accomplish this goal, LADOTD is in the final stages of creating a competitive grant program that allows for a phased approach to the buildout of electric vehicle supply equipment (EVSE) over 5 years that meets the FHWA requirements of DC Fast Chargers (DCFC). Under the State's forthcoming competitive grant guidelines, the state will develop a more robust charging network in all regions.

Year	Primary Goals	Funding Allocated from NEVI*
2022-2025	<ul style="list-style-type: none"> During this time, the State focused on developing the program, clarifying state needs, and conducting outreach 	No NEVI funding was spent during this time period
Year 1	<ul style="list-style-type: none"> Develop an application platform and process Solicit applications for site hosts and Identify sites along the AFC that will lead to fully built out Conduct outreach across the state 	\$0
Year 2	<ul style="list-style-type: none"> Award sites that will lead to fully built out status along the AFC 	~ 18,000,000
Year 3	<ul style="list-style-type: none"> Apply for and achieve fully built out status Solicit more applications for sites, continue to build sites throughout Louisiana to provide coverage to the entire state Track data and information from previously built sites 	~\$18,000,000
Year 4	<ul style="list-style-type: none"> Continue to solicit site applications, award funding to sites off the corridor to support other regions of the state Track data and information from previously built sites 	~\$37,136,735 **
Year 5	<ul style="list-style-type: none"> Continue to support site development across the state Track data and information from previously built sites 	
	FUNDING TOTALS:	\$73,367,735

*The funds allocated by NEVI account for 80% of the site cost assuming that a site development costs \$1,500,000, allocating \$1,200,000 per site.

** As off-corridor sites must have 4 plugs and can be a mix of level 2 and DCFC, their costs will vary more.

Plan for Compliance with Federal Requirements

LADOTD will review all project applications to ensure that they meet the Federal Minimum Standards (23 CFR 680) of the Program to determine Program eligibility, and will work to ensure that, if awarded, all applicants will comply with the necessary contracting requirements defined in 2 CFR 200.

Project features over and above Minimum Standards outlined in 23 CFR 680 may contribute to a higher score for the project. Any such projects will still need to comply with all Minimum Standards and all relevant State and Federal contracting requirements.

Per federal requirements, States must ensure annual and quarterly data is collected, maintained, and submitted in the manner prescribed by the FHWA. LADOTD seeks to hire a consultant to perform on-site inspections and reporting, including data collection, from the EV charger network to assess usage, identify trends for future development, and ensure network connectivity and interoperability of EV charging infrastructure. Submittals also include charger use, reliability, cybersecurity, and maintenance data for each site location. LADOTD expects each quarterly and annual submission to comply with all federal NEVI guidance and additional criteria set forth by LADOTD. Reports for each site will be compiled by the consultant into a master document and submitted by LADOTD to the FHWA.

A Community Engagement Outcomes Report

LADOTD has created an open information sharing process that is readily accessible to interested applicants of the state's competitive grant program. Virtual and in-person forums provided an overview of the program and allowed for ample Q&A from the audience. Virtual meetings were recorded and posted on the LADOTD website for public viewing. Attendees were encouraged to share their contact information and the resulting list has been published and shared to allow for collaboration amongst potential applicants, and underserved communities.

After the 2022 State Plan for Louisiana was published, LADOTD led public meetings across the state for education purposes and to connect with the community. These meetings were held in person with virtual options accessible:

- September 28, 2022- Monroe LA at Monroe City Hall
- November 10, 2022: 6:00 pm- LADOTD's Headquarters Auditorium at 1201 Capitol Access Road, Baton Rouge, LA 70802
- December 8, 2022: 6:00 pm- Shreveport LA, at Louisiana State University in Shreveport

Attendees of these events included local experts, policy makers, and the public to disseminate information about the NEVI program, timeline for Louisiana, as well as to solicit feedback on the program.

Community engagement will be an ongoing process over the life of the program, and feedback from community members has been, and will continue to be, incorporated into all aspects of the program.

LADOTD has an [open survey](#) that solicits feedback from the public on many aspects of the state plan priorities and an [interactive map](#) that encourages the public and potential applicants to share ideas on the siting of EV charging infrastructure throughout the state. A sample result pulled from the survey dated July 21, 2023 is shown below.

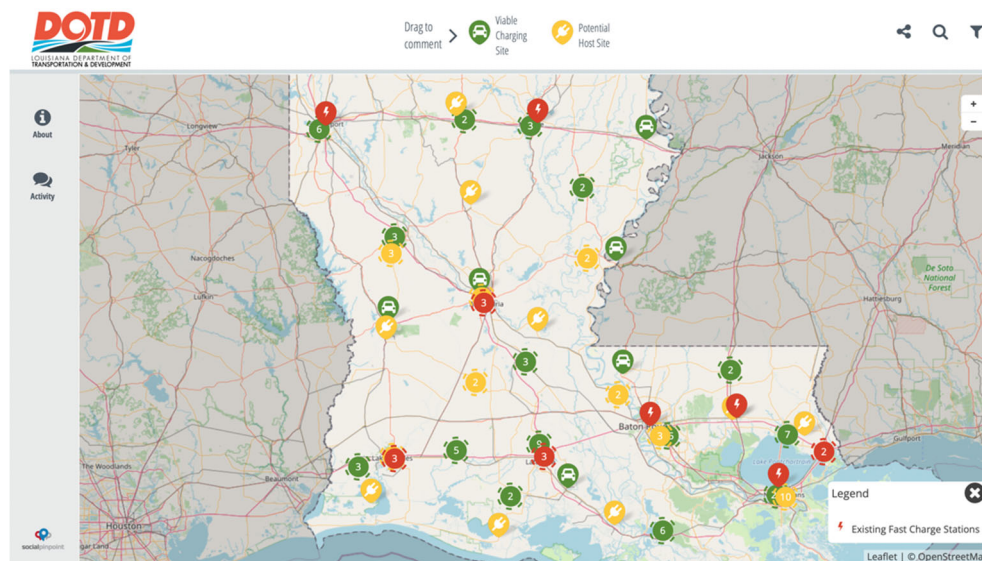


Figure 3: Interactive map via https://lcf.mysocialpinpoint.com/la_ev_plan

LADOTD solicited comments from interested parties through multiple feedback sessions and public meetings in December 2022. The feedback received during those public meetings and through both the DOTD.EVProgram@la.gov email and online survey provided valuable information. LADOTD will keep public comment channels open and will continue to evaluate and as deemed appropriate.

Stakeholders Involved in Plan Development

Following the publication of the NEVI guidance document in February 2022, LADOTD has had conversations with utilities, Metropolitan Planning Organizations, private sector companies, non-profit organizations, and other various entities. This outreach effort helped solicit diverse, high-quality feedback from these stakeholders across the State, and that feedback was crucial in guiding the development of the overall Electric Vehicle Infrastructure program.

In order to incorporate high-quality feedback from the public, LADOTD and its project partners held one-on-one calls, virtual meetings, and one hybrid (in person meeting with virtual component) with targeted stakeholders during the development of the state plan. The draft plan was published on June 18, 2022 for a 30-day public comment period on the LADOTD website. LADOTD hosted meetings (virtual and in person) with stakeholders to gather their feedback on the draft plan. Comments and feedback from stakeholders were accepted through the official LADOTD NEVI email account, DOTD.EVProgram@la.gov.

Outreach Conducted and Planned by LADOTD For State EV Plan Development

Completed Outreach		
Entity	Type of meeting	Date held
International Brotherhood of Electrical Workers - Business Development (AL, FL, GA, MS, LA)	Virtual Meeting	April 21, 2022
Adjacent State DOT (Mississippi Department of Transportation)	One-on-One Call	May 9, 2022
EVSE Company	Virtual / Feedback Session	May 11, 2022
EVSE Company	Virtual / Feedback Session	June 2, 2022
EVSE Company	Virtual / Feedback Session	June 3, 2022
U.S. Joint Office of Energy and Transportation Regions 6 & 8	Virtual Feedback Sessions	May 20, 2022, June 3, 2022, June 30, 2022, July 14, 2022
EV Planning Consultant (Stantec)	Virtual Meetings	April 6, 2022 & June 7, 2022
Municipalities (5 parishes in the Capital Region Planning Commission)	In Person / Presentation	June 8, 2022
Louisiana Dealers Association	Email correspondence / feedback	June 8, 2022
U.S. Joint Office of Energy and Transportation	One-on-One Virtual Meeting	June 9, 2022
EVSE Company	Virtual / Feedback Session	June 10, 2022
Tribes (Chitimacha Tribe, Coushatta Tribe, Tunica-Biloxi Tribe, and the Jena Band of Choctaw Indians)	Virtual / Regional Meeting in cooperation with various state DOTs and the FHWA	June 14, 2022
Utilities, Regulators	Virtual / Feedback Session	June 16, 2022
Baton Rouge City-Parish	In-Person Meeting	June 23, 2022
Gas Station Owners/Operators Conference	In Person / Presentation	July 12, 2022
Utilities, MPOs, RPCs, PSC	Hybrid Feedback Session	July 13, 2022
Monroe LA NEVI presentation at Monroe City Hall / General public and potential applicants	In Person / Presentation	September 28, 2022
NEVI Stakeholder Meeting in Lafayette at ULL / General public and potential applicants	Hybrid Informational and Feedback Session	October 5, 2023
NEVI Stakeholder Meeting in New Orleans / General public and potential applicants	Hybrid Informational and Feedback Session	October 26, 2023
Public Meeting: NEVI Presentation at DOTD Headquarters, Baton Rouge LA / General public and potential applicants	In Person / Presentation	November 10, 2022
NEVI Presentation at Louisiana State University in Shreveport LA / Utilities, General public and potential applicants	In Person / Presentation	December 8, 2022
Louisiana Dealers Association	In Person / Presentation by LCF	December 13, 2023
NEVI Feedback Session: Scoring Criteria	Webinar	January 5, 2023
"All About the DBE in 2023!" Statewide Meeting at DOTD Headquarters for DBEs (Over 200 attendees)	In person	January 18, 2023
LCF's NEVI Workshop and EVSE Expo / Utilities, EVSE Companies, Electricians,	In person event hosted by LCF	January 24, 2023

Potential Applicants, Engineering firms, NPOs		
2023 Louisiana Transportation Conference / Transportation professionals, Engineers, State Agencies	In Person / Presentation	March 15, 2023
Clean Fuels Summit / CBOs, Municipalities, Fleets, and Clean Cities stakeholders	In Person / Presentation	April 19, 2023
Planned Outreach		
Entity	Type of meeting	Date held
Public Meeting at LADOTD	In Person and Virtual	One week after RFP is issued
Public Meeting	In Person and Virtual	During RFP open period, before due date
Louisiana Municipal Assoc Annual Conference / Rural and Small municipalities around LA/ in Alexandria, LA	In Person	August 3-5, 2023
Virtual “office hours” for all applicants	Virtual	Approximately two webinars during application period
Awardee Informational Sessions /Public Meeting at LADOTD	Virtual and In Person	TBD - Periodic informational sessions to allow for awardees to check in on their deliverables
Community Engagement along AFC potential site areas	In Person	TBD

A description of physical and cybersecurity strategies

LADOTD is committed to ensuring that cybersecurity charging networks, electric vehicles, including Electric Vehicle Charging Networks, do not pose a cybersecurity risk to people or property in Louisiana. The agency will comply with both federal and state (Louisiana Division of Administration) cybersecurity standards. LADOTD’s grant recipients who own, operate, and maintain EV charging stations and their data are required to share anonymized data with LADOTD on a recurring basis. These grant recipients should also publish station locations, power ratings, and costs to various sites tracking EV charging stations including the U.S. Department of Energy’s Alternative Fuel Data Center (AFDC.gov).

As part of award agreements, prior to issuance of the award, the grant recipients will be required to:

- Provide details about how they have hardened their infrastructure to minimize cybersecurity risks to protect their station, the network of stations or the electrical infrastructure
- Provide a cybersecurity plan that demonstrates the cybersecurity maturity of the recipient and its compliance with State regulatory and federal cybersecurity requirements
- Demonstrate how they will maintain and improve cybersecurity throughout the life of the proposed solution
- Alert LADOTD and the Cybersecurity and Infrastructure Security Agency (CISA) of any known suspected network of system compromises

- Report any cyber-related incidents (along with incident data) in a timely fashion to LADOTD
- Provide evidence on how the cybersecurity plan was implemented

Immediate Notification: Internet Service Providers (ISPs) and EV Charging Providers (EVCPs) are expected to report all identified threats to the state in near real- time. This should be facilitated through threat sharing technology platforms, which ensure that threat intelligence is disseminated promptly and effectively.

Mandatory Reporting (during Period of Performance): Any attempted or successful cyber-attacks on the network or infrastructure of an ISP must be promptly reported to the State of Louisiana Fusion Center. This requirement is non-negotiable and is critical for the state to assess the larger cyber threat landscape.

Regular reviews of ISP's cybersecurity measures will be conducted by the appropriate state authority to ensure adherence to this policy.

Third-party Cyber Risk Assessment: Every 3 years, ISPs and EVCPs are mandated to undergo a cyber-risk assessment conducted by an independent third party. This assessment will evaluate the effectiveness and resilience of the ISP's cybersecurity measures, ensuring that they are in line with best practices and state requirements. Risk Assessment scope shall also include a review of ISP critical vendors, partners, and shared services. Non-compliance with any of the stipulated guidelines may result in penalties or further action as deemed necessary by the state.

Physical Security: Strategies may include topics such as lighting; siting and station design to ensure visibility from onlookers; driver and vehicle safety; video surveillance; emergency call boxes; fire prevention; charger locks; and strategies to prevent tampering and illegal surveillance of payment devices.