Louisiana NEVI Plan - Modeling

Public Meeting: November 10, 2022
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Clean Cities Coalition Network

Building partnerships to advance affordable, domestic transportation fuels and technologies

Clean Cities Coalitions:

• Serve as forums for local stakeholders to connect and collaborate on saving energy and using affordable alternative fuels

• Provide grassroots support and resources on new transportation technologies and infrastructure development

• Support networks to help their stakeholders identify cost-effective solutions that work locally
Alternative Fuel Corridors

Hydrogen (H2)

Electric Vehicles (EVs)
EV Corridors

Close up look at Shreveport nominated corridors
EV Corridors

Close up look at I-10 at Lake Charles to Lafayette
Modeling by the Center for Sustainable Energy

Preliminary Phase 1

- 1.1 Existing AFC-compliant DCFC charging station
- 1.2 Existing DCFC charging stations that have 4 chargers. To be upgraded by using CCS connectors and each support a power output of at least 150 kW
- 1.3 Planned Electrify America charging station. To be upgraded by adding 3 additional chargers
- 1.4 Existing DCFC charging stations that have 1 charger. To be upgraded by adding 3 additional chargers
- 1.5 Other out-of-state existing AFC-compliant DCFC charging stations
- 1.6 25-mi buffers for all existing AFC-to-be DCFC chargers
- 1.7 Other existing DCFC charging stations that are not eligible
- 2. Study Areas: DCFC chargers to be installed in Phase 1 that satisfy the minimum requirement. Installing 4 chargers at each location
- 2.1 25-mi buffers for all Phase 1 DCFC chargers
- AFC Corridors (Round 1-6)
- LA State Boundary
Modeling by the Center for Sustainable Energy

Preliminary Phase 2
Lower cost scenario
~760 Chargers
Preliminary Phase 2

Higher cost scenario

~300 Chargers

Modeling by the Center for Sustainable Energy

3. Study Areas: DCFC chargers to be installed in Phase 2 (300 chargers)
- Install 2 chargers
- Install 4 chargers
- Install 6 chargers
Online Feedback Options

https://lcf.mysocialpinpoint.com/la_ev_plan

**Survey**

The LA DOTD is requesting feedback from Louisiana residents and businesses regarding alternative fuel corridors and the use of National Electric Vehicle Infrastructure (NEVI) Formula Program Funds. Your involvement through the following survey will help us understand your concerns and future charging needs.

[Take the Survey]

**Draft Louisiana EV Infrastructure Plan**

Click below to view the draft plan. Please email your comments to DOTD.EVProgram@la.gov by July 18, 2023.

[View the Draft Plan]

**Interactive Map**

We encourage you to use the interactive map to identify new charging sites, preferred charging types, and provide comments.

[See Project Map]

**Drop a Pin**

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Interactive Map for Feedback

https://lcf.mysocialpoint.com/la_ev_plan
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LCF invites you to the Louisiana NEVI Workshop and Expo. This LCF Workshop is for all potential applicants who are interested in learning about the National Electric Vehicle Infrastructure program to build out our EV Charging Corridors. Participation in this event is a great way to meet and network with potential project partners.

This event is free and open for all interested stakeholders.
Contact LCF

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https://louisianacleanfuels.org/meetinginfo.php