

Louisiana NEVI Workshop

January 24, 2023

Ann Vail, Executive Director & Tyler Herrmann, Project Manager



CLEAN CITIES COALITION NETWORK



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CONNECTION

EV Charging Solutions



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DEMCO

A Touchstone Energy
Cooperative

SJB GROUP, LLC

SOLAR
ALTERNATIVES

Exhibitors

Grey Engineering • DECO Electric • Cleco
Kenworth of Louisiana • Francis Energy
Lightning eMotors • BTC Power • ChargePoint
Solar Alternatives • ProCharge EV • Curtis Stout
Impower-Connection • APTIM • Gerry Lane
Sustainability Partners • Walter J Barnes Electric

Agenda

Louisiana NEVI
Workshop & Expo
January 24, 2023

Time	Speaker	Topic
7:30 AM	Exhibitor Set Up	
8:30 AM	Registration	Breakfast with Exhibitors
9:00 AM	Ann Vail, LCF Executive Director	Welcome
9:30 AM	Alex Schroeder, Chief Technology Officer for the Joint Office of Energy and Transportation	Keynote (via virtual presentation)
9:45 AM	Scott Barrios, Entergy & Jeff Thigpen, SWEPCO	Working with your Utility
10:45 AM	BREAK	Break with Exhibitors
11:00 AM	Jeff Cantin, Solar Alternatives & Ben Kessler, ChargePoint	DCFC Ownership and Operations Basics
11:45 AM	LUNCH	Lunch with Exhibitors
12:30 PM	Jason Stopa, Planning director from St. Bernard Parish, Tara Lambeth, Planning direct from St. John the Baptist, and Jackie Baumann, City of Gonzales	Permitting and Code Compliance
1:15 PM	Tyler Herrmann, LCF / Cedric Grant	Understanding Justice 40
1:45 PM	BREAK	Break with Exhibitors
2:15 AM	Tyler Herrmann, Cedric Grant & Ann Vail	Application Process – Scoring Criteria
3:00 PM	Jason Hewitt, Sustainability Partners & Matt Jones, Francis Energy	Partnering for Success
3:30 - 4:30 PM	Exhibiting & Networking Reception	Exhibiting

How Do Clean Cities Coalitions Fit Within DOE?

Vehicle Technologies Office



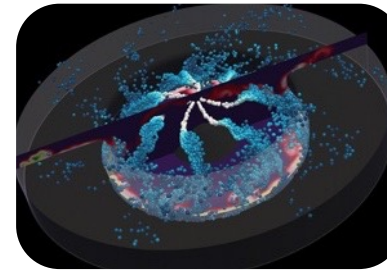
Batteries and Electrification



Materials Technologies



Energy Efficient Mobility Systems



Advanced Engine and Fuel



Technology Integration

VTO develops advanced transportation technologies to:

- ✓ Improve energy **efficiency**
- ✓ Increase domestic energy **security**
- ✓ Reduce operating **cost** for consumers and business
- ✓ Improve global **competitiveness** of U.S. economy

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

National Network of Clean Cities Coalitions

More than 75 active coalitions covering nearly every state with thousands of stakeholders

cleancities.energy.gov

Clean Cities Coalitions



Map Date: 11/3/22

Measuring Clean Cities Coalition Impact

Coalition projects have resulted in a cumulative impact in energy use equal to nearly **12 billion** gasoline gallon equivalents resulting from reduced fuel use and increased fuel diversity.¹



Enough to drive
the distance to the
sun and back

1,540
times



Enough fuel to
fill nearly

1.49 million
tanker trucks

Full infographic: cleancities.energy.gov/files/pdfs/29th_infographic.pdf

Coalition projects have helped to put more than
**1 million alternative fuel
vehicles** on the road.²



Full infographic: cleancities.energy.gov/files/pdfs/29th_infographic.pdf

**88 million gasoline
gallon equivalents**

of energy were saved through fuel
economy improvement projects like
telematics, driver training, and outfitting
fleets with idle reduction equipment.²



Full infographic: cleancities.energy.gov/files/pdfs/29th_infographic.pdf

cleancities.energy.gov/coalitions

Locally Based Public-Private Partnerships

- 18,000 stakeholders nationwide
- 39% private sector
- 61% public sector



Diverse Stakeholders

Fleets:

- Private companies
- Federal, state, and municipal
- School districts, universities
- Airports, transit agencies
- Taxi companies, ride share services.

Product and Service Providers:

- Vehicle and engine manufacturing
- Conversion companies
- Vehicle dealerships
- Fueling equipment suppliers, installers, and providers.

Others:

- Environmental and energy agencies
- Alternative fuel and clean air advocacy organizations
- General public.

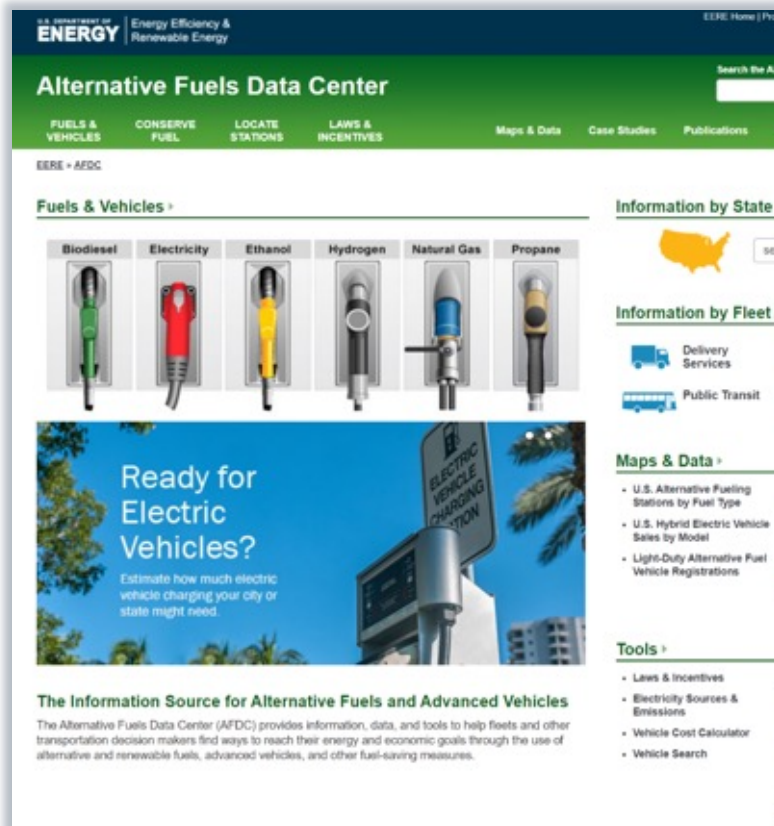


Building Relationships and Strengthening Markets

- Connecting fleets with fuel providers and industry partners
- Offering training and information
- Supplying access to technical assistance
- Identifying funding
- Providing public recognition
- Collecting data and tracking progress



Information & Education: Websites



afdc.energy.gov



fueleconomy.gov

Technical & Problem Solving Assistance



Technical Response Service

- **First-level** resource for stakeholders, consumers, and others
- Research and response to general inquiries
- Help with challenging questions
- Education for legislators and government officials.

TechnicalResponse@icf.com, 800-254-6735



Tiger Teams

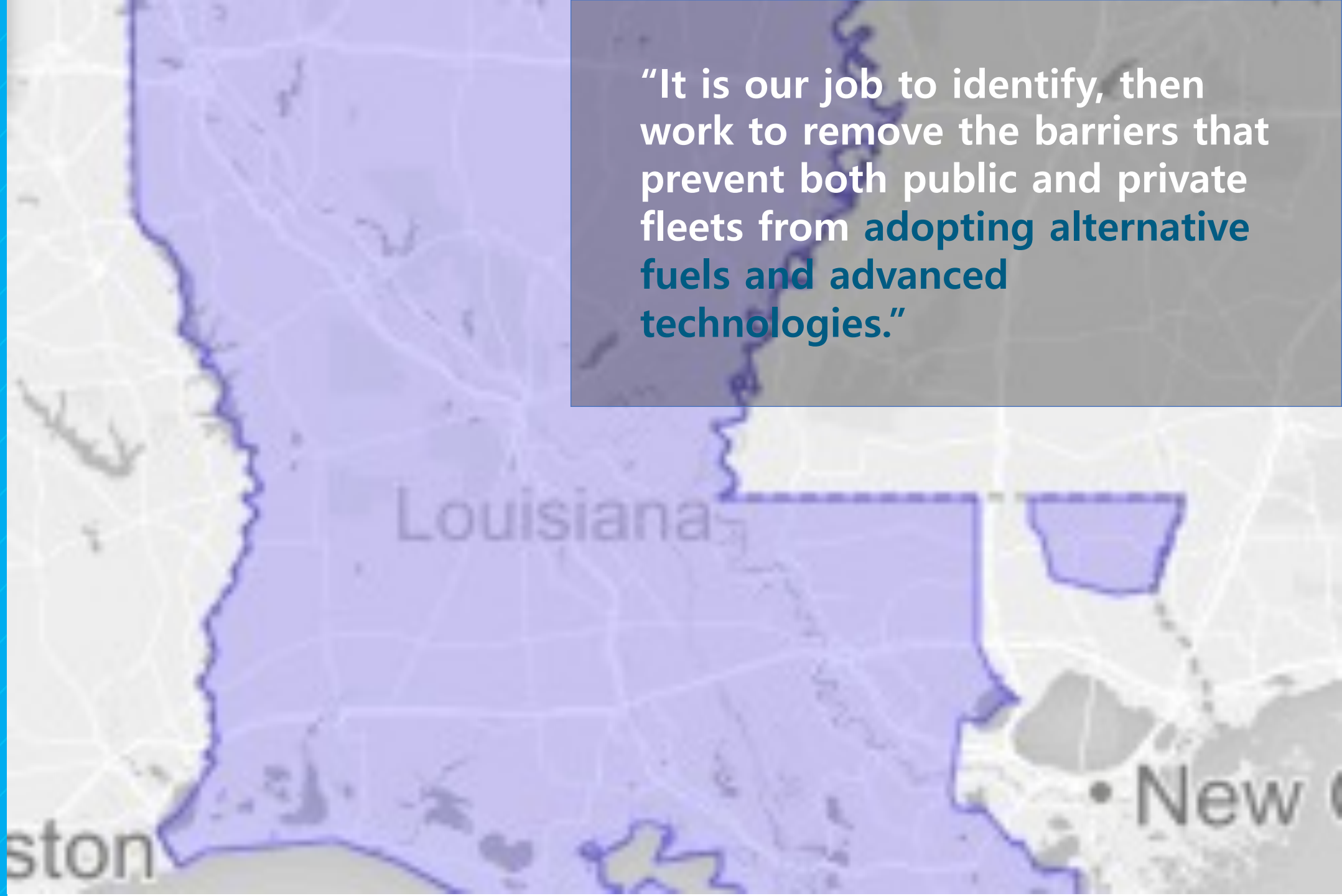
- **Second-level** resource for coordinators, stakeholders, and others
- Expert technical problem-solving to overcome obstacles
- Assistance on barriers that challenge local resources
- Help at any point in the project/product life cycle (concept, development, execution, operation/maintenance, closure)



Louisiana Clean Fuels

Territory: 56
Parishes

"It is our job to identify, then work to remove the barriers that prevent both public and private fleets from **adopting alternative fuels and advanced technologies.**"



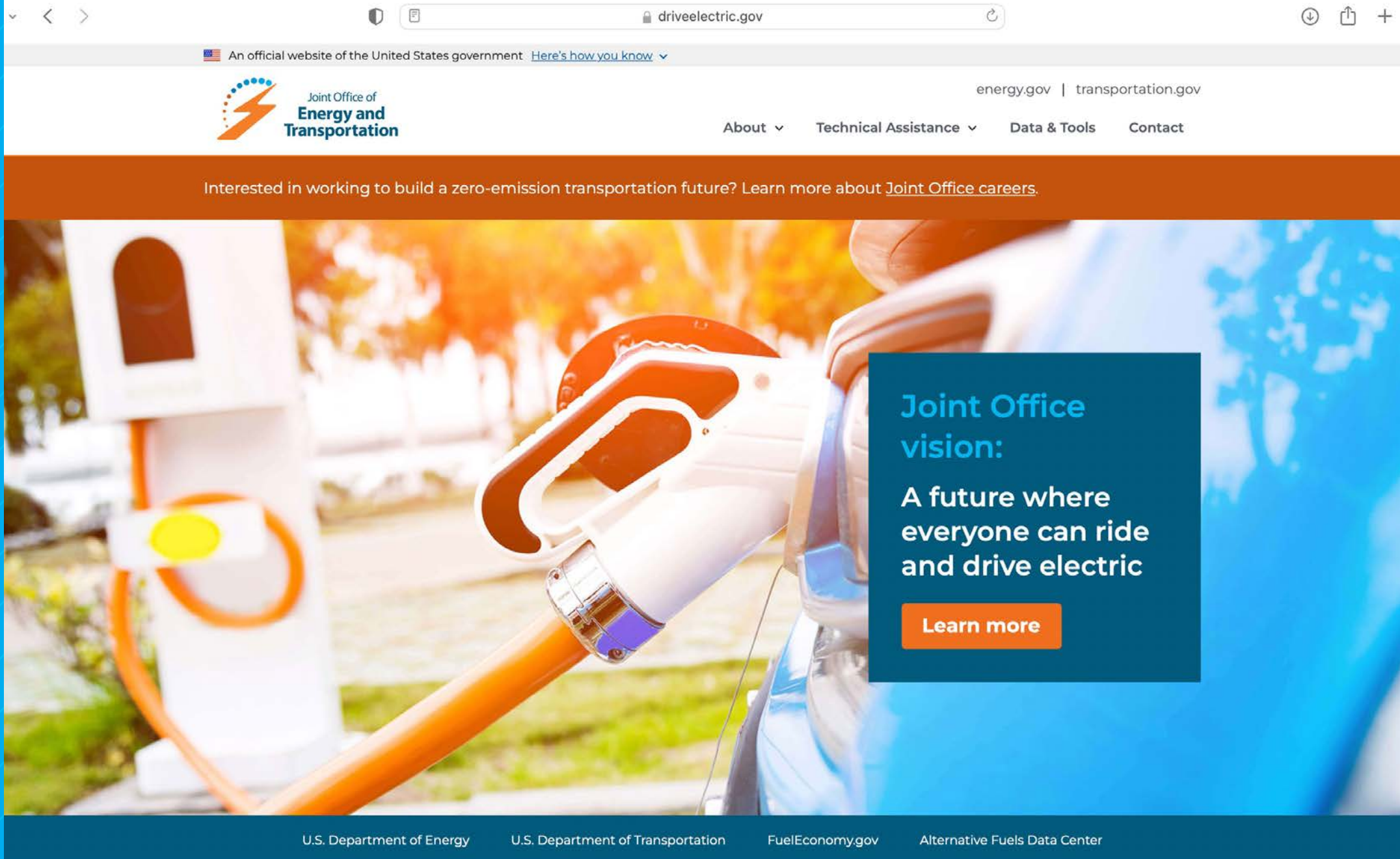
LCF
Supporting
Members

2022 and 2023
<https://LouisianaCleanFuels.org/join>



Drive Electric .gov

Website for
the Joint
Office of
Energy and
Transportation



Minimum Standards Published for NEVI

Closed for comment on 8/22/22
Currently awaiting final standards.

STANDARDS:

<https://www.govinfo.gov/content/pkg/FR-2022-06-22/pdf/2022-12704.pdf>

NEVI FAQ:

https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/resources/nevi_program_faqs.pdf



FEDERAL REGISTER

The Daily Journal of the United States Government



PR Proposed Rule

National Electric Vehicle Infrastructure Formula Program

A Proposed Rule by the [Federal Highway Administration](#) on 06/22/2022



This document has a comment period that ends in 57 days. (08/22/2022)

SUBMIT A FORMAL COMMENT

Read the **2** public comments

PUBLISHED DOCUMENT

AGENCY:

Federal Highway Administration (FHWA), U.S. Department of Transportation (DOT).

ACTION:

Notice of proposed rulemaking (NPRM); request for comments.

SUMMARY:

The FHWA proposes to establish regulations setting minimum standards and

DOCUMENT DETAILS

Printed version:

[PDF](#)

Publication Date:

06/22/2022

Agencies:

[Federal Highway Administration](#)

Dates:

Comments must be received on or before August 22, 2022.

Comments Close:

08/22/2022

Electric
Vehicles
Interactive
GIS Map
EV Charging
(Round 1-6)

https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/maps/



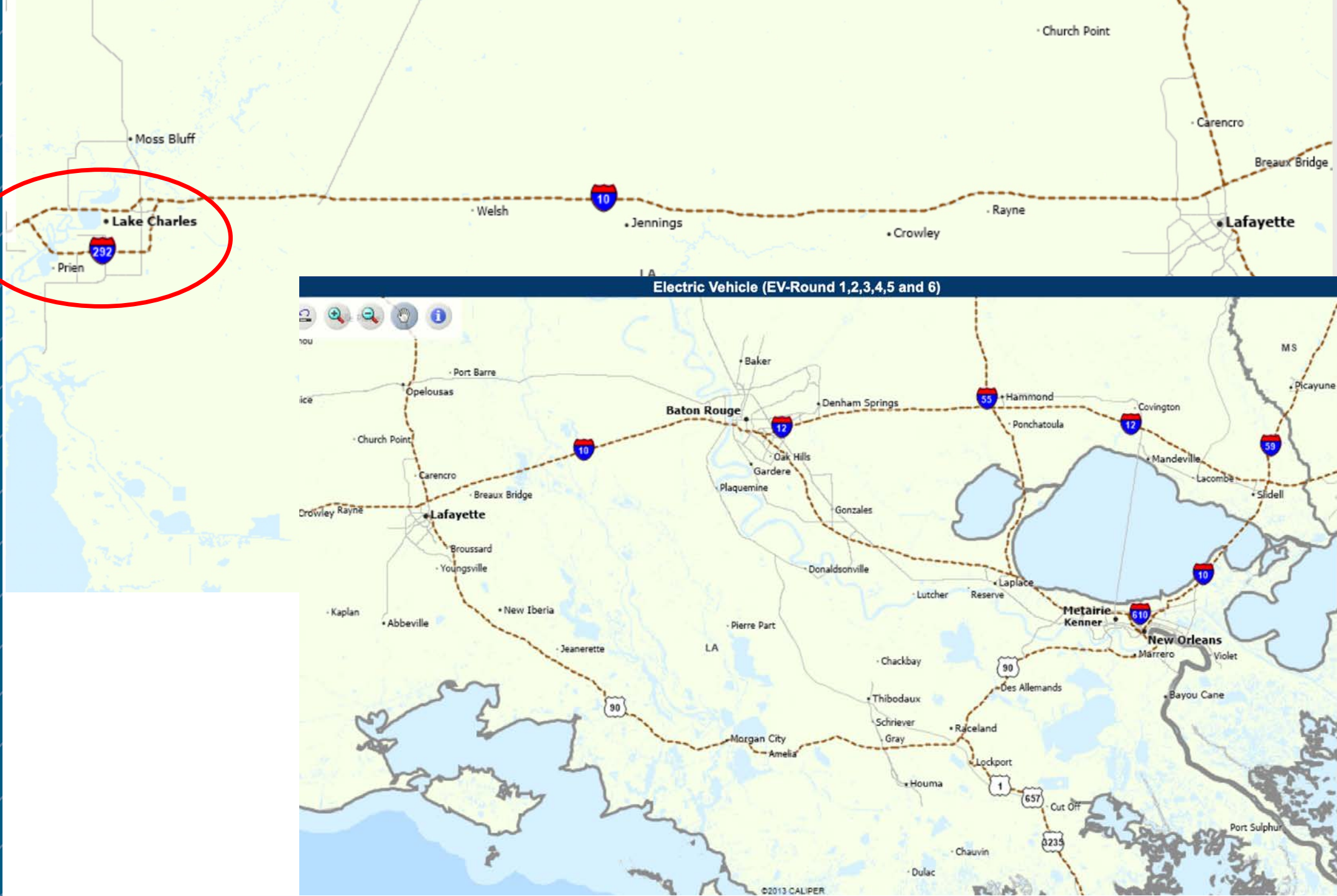
EV Corridors

Close up look
at Shreveport
nominated
corridors



EV Corridors

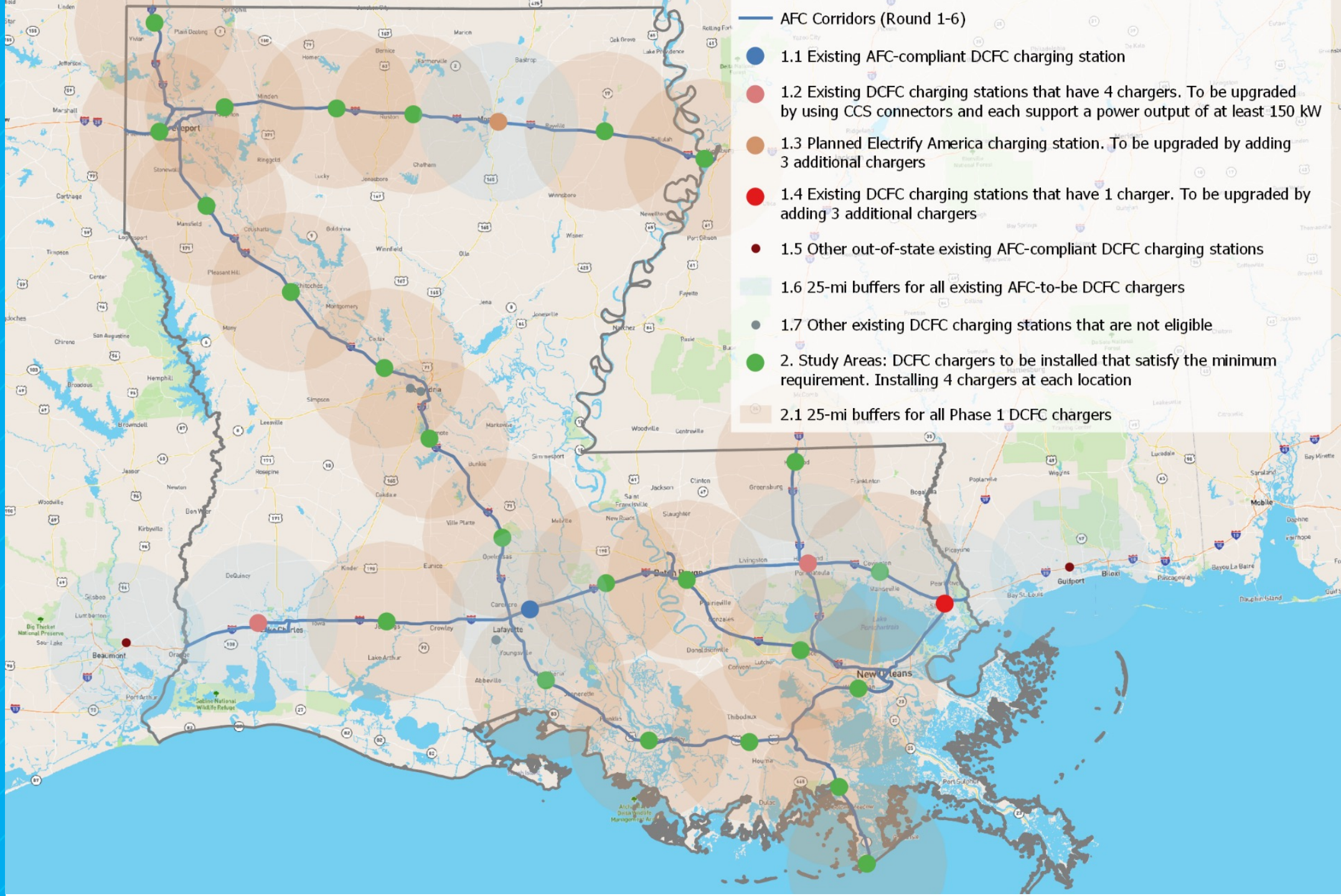
Close up look
at I-10 at Lake
Charles to
Lafayette



Existing Infrastructure and Preliminary Priority Areas

Developed by
the Center for
Sustainable
Energy

Preliminary
Phase 1

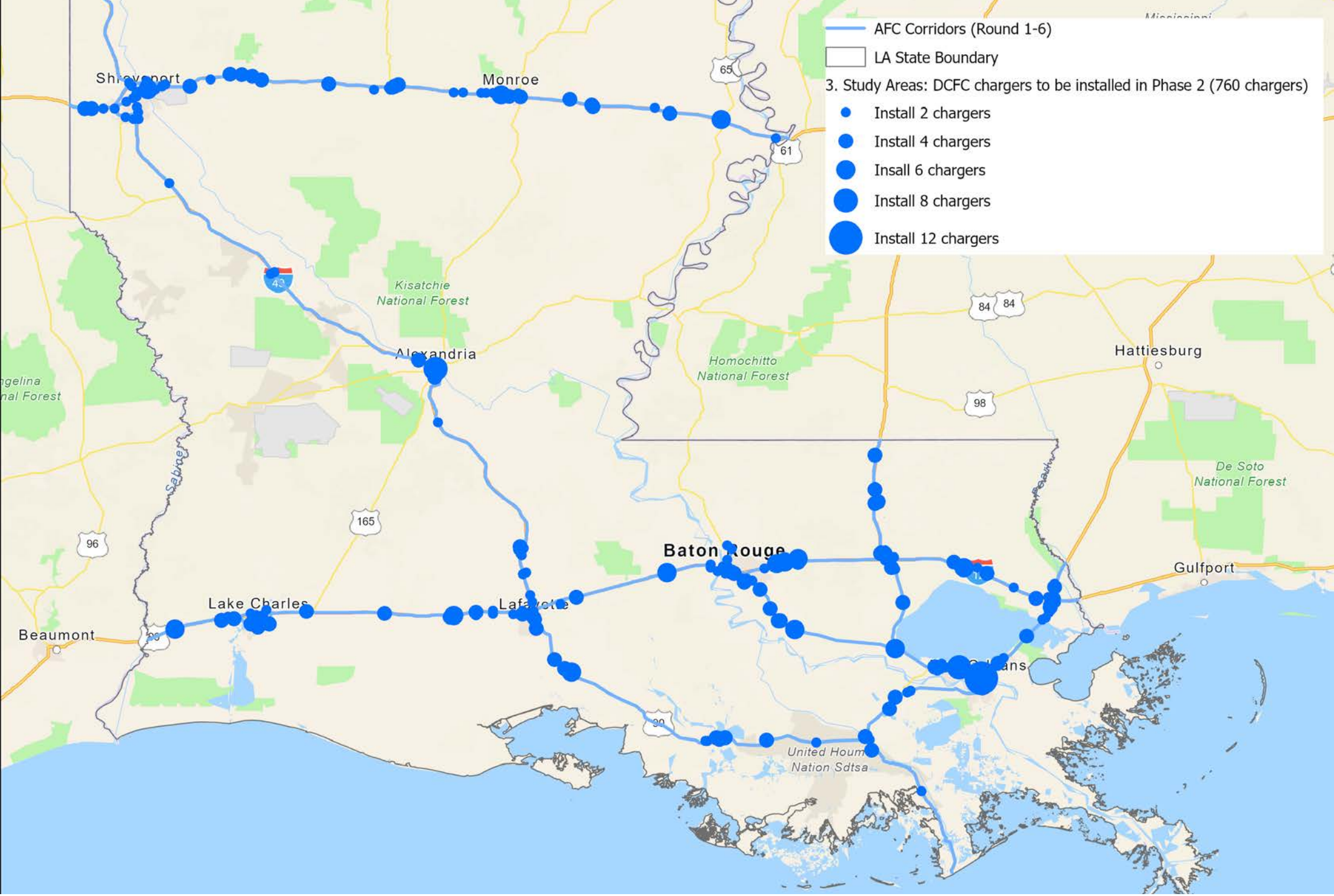


Modeling by
the Center for
Sustainable
Energy

Preliminary
Phase 2

Lower cost
scenario

~760 Chargers



Modeling by the Center for Sustainable Energy

Preliminary
Phase 2

Higher cost
scenario

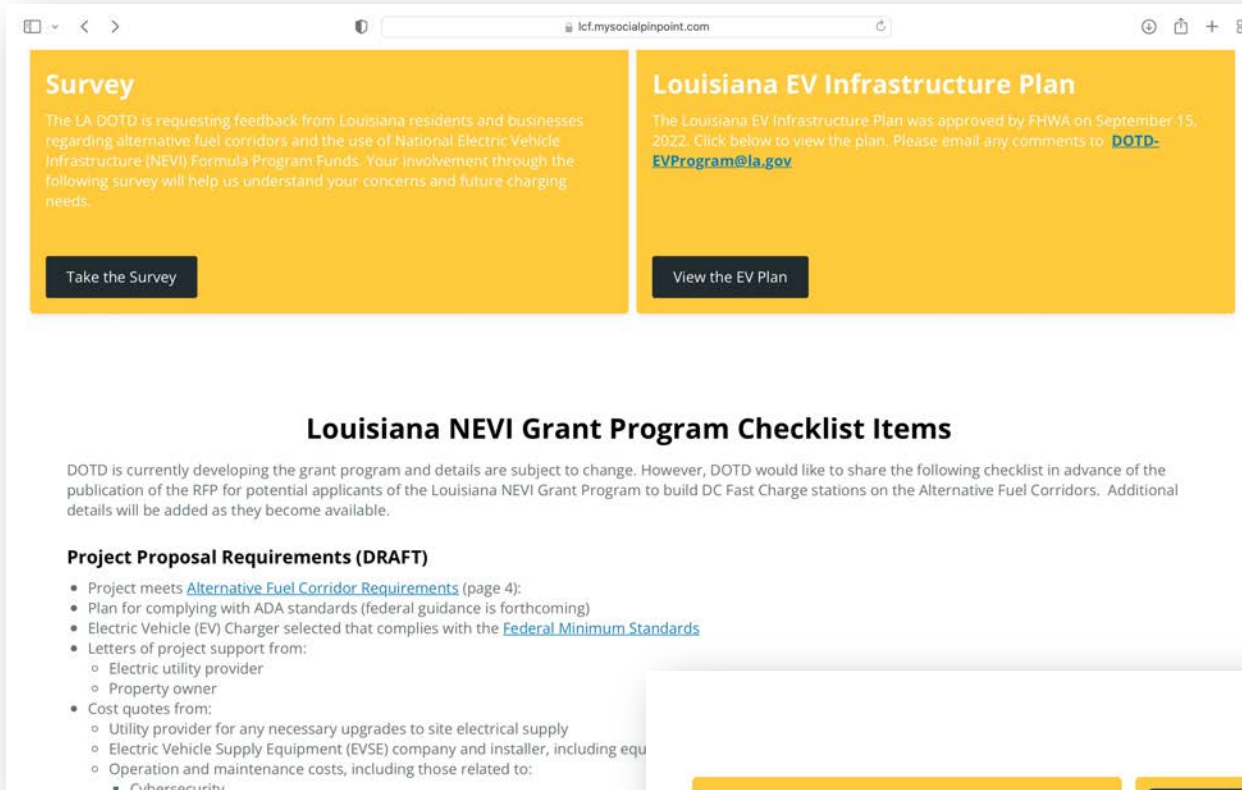
~300 Chargers



Louisiana State EV Plan and Resources

Links to the
State Plan,
Resources,
and Guidance

https://lcf.mysocialpinpoint.com/la_ev_plan



The screenshot shows a web browser window with the URL lcf.mysocialpinpoint.com. The page has a yellow header with two main sections. The left section is titled "Survey" and contains text about the LA DOTD requesting feedback from Louisiana residents and businesses regarding alternative fuel corridors and the use of National Electric Vehicle Infrastructure (NEVI) Formula Program Funds. It includes a "Take the Survey" button. The right section is titled "Louisiana EV Infrastructure Plan" and contains text about the plan's approval by FHWA on September 15, 2022, and a link to view the plan. It includes a "View the EV Plan" button. Below these sections is a section titled "Louisiana NEVI Grant Program Checklist Items" with a paragraph of text and a list of project proposal requirements (DRAFT).

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](#)

Louisiana EV Infrastructure Plan

The Louisiana EV Infrastructure Plan was approved by FHWA on September 15, 2022. Click below to view the plan. Please email any comments to DOTD-EVProgram@la.gov.

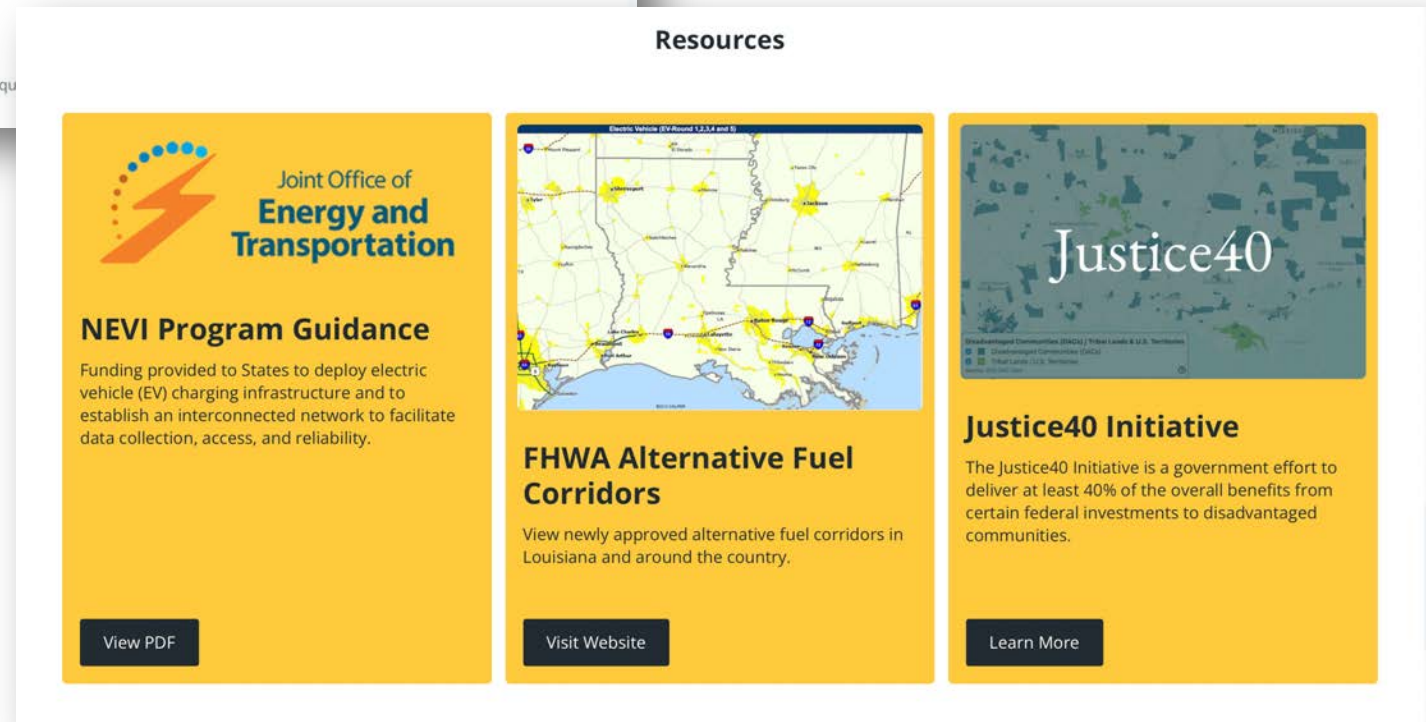
[View the EV Plan](#)

Louisiana NEVI Grant Program Checklist Items

DOTD is currently developing the grant program and details are subject to change. However, DOTD would like to share the following checklist in advance of the publication of the RFP for potential applicants of the Louisiana NEVI Grant Program to build DC Fast Charge stations on the Alternative Fuel Corridors. Additional details will be added as they become available.

Project Proposal Requirements (DRAFT)

- Project meets [Alternative Fuel Corridor Requirements](#) (page 4):
- Plan for complying with ADA standards (federal guidance is forthcoming)
- Electric Vehicle (EV) Charger selected that complies with the [Federal Minimum Standards](#)
- Letters of project support from:
 - Electric utility provider
 - Property owner
- Cost quotes from:
 - Utility provider for any necessary upgrades to site electrical supply
 - Electric Vehicle Supply Equipment (EVSE) company and installer, including equ
 - Operation and maintenance costs, including those related to:
 - Cybersecurity



The screenshot shows a "Resources" section with three cards. The first card is for "NEVI Program Guidance" with a logo for the Joint Office of Energy and Transportation and a "View PDF" button. The second card is for "FHWA Alternative Fuel Corridors" with a map of Louisiana and a "Visit Website" button. The third card is for the "Justice40 Initiative" with a map of Louisiana and a "Learn More" button.

Resources



NEVI Program Guidance

Funding provided to States to deploy electric vehicle (EV) charging infrastructure and to establish an interconnected network to facilitate data collection, access, and reliability.

[View PDF](#)



FHWA Alternative Fuel Corridors

View newly approved alternative fuel corridors in Louisiana and around the country.

[Visit Website](#)



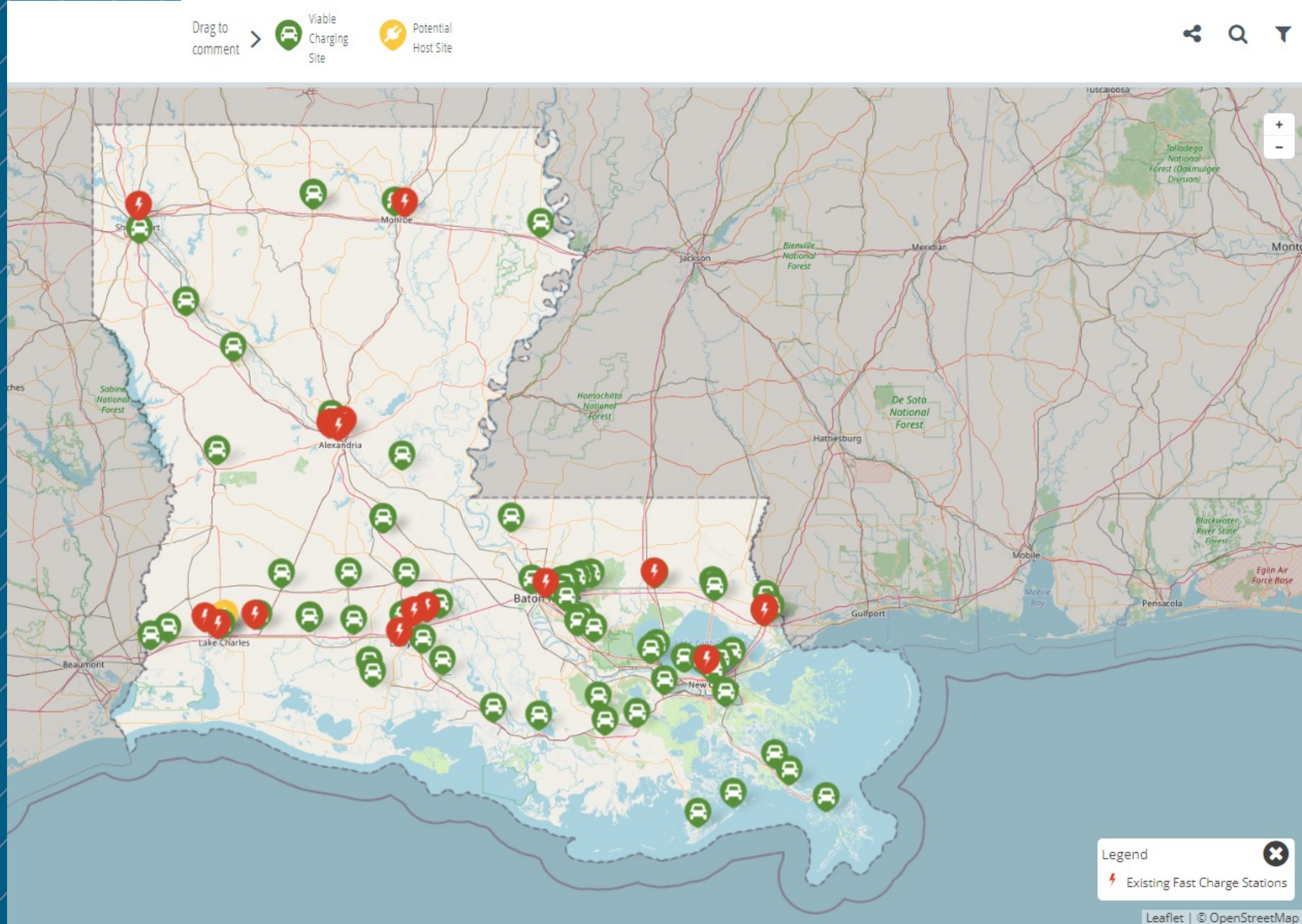
Justice40 Initiative

The Justice40 Initiative is a government effort to deliver at least 40% of the overall benefits from certain federal investments to disadvantaged communities.

[Learn More](#)

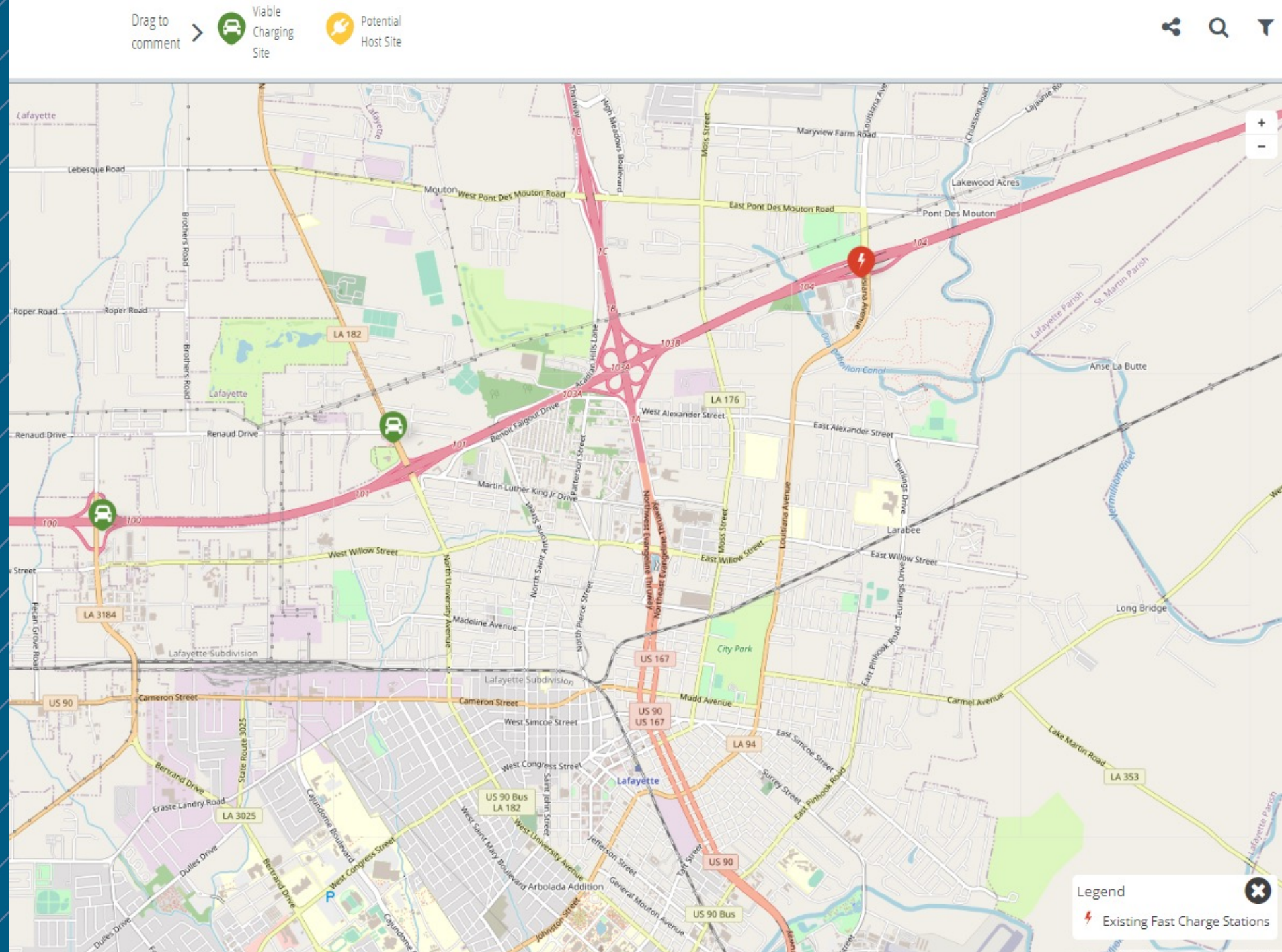
Interactive Map for Feedback

https://lcf.mysocialpinpoint.com/la_ev_plan



Interactive Map for Feedback

https://lcf.mysocialpinpoint.com/la_ev_plan



Contact LCF



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<https://louisianacleanfuels.org/meetinginfo.php>



Alex Schroeder

Chief Technology Officer for the Joint Office of Energy and Transportation

Zoom Link:

<https://us02web.zoom.us/j/85651412435?pwd=b2V5OGRZVWhld3ZCSEhkZWV2pCOT09>