

Charging and Fueling Infrastructure Grants

April 13, 2023

Regional Planning Commission



Southeast Louisiana
Clean Fuel Partnership



CLEAN CITIES COALITION NETWORK



Charging and Fueling Infrastructure (CFI) Discretionary Grants

- Purpose: Funding to construct electric vehicle (EV) charging infrastructure and/or fueling infrastructure for hydrogen, propane, or natural gas.
- Builds on the \$5 billion NEVI program
- Administered by Federal Highway Administration
- First Year of Awards
- **\$700m in two categories:**
 - Community Charging and Fueling Program (\$350m)
 - Alternative Fuel Corridor Program (\$350m)
 - **Can be considered for both programs simultaneously**

Community Program Projects

- Charging/Fueling Infrastructure on public roads or publicly accessible location
- **May** contract with private entity for construction, maintenance and operation
- Min. \$500k; Max \$15m
- Requires 20% matching funds
- EV Standards: Min. 4 Level 2 ports; Operating hours same as host site (see 23 CFR 680 –NEVI minimum standards for additional standards)

Community Program Allowable Costs

- Construction related costs including acquisition and installation of eligible infrastructure
- Development and planning which can include feasibility analyses, revenue forecasting, environmental review, and preliminary engineering and design work
- Education and community engagement activities such as implementing programs through school partnerships and community organizations can only make up no more than 5% of the grant award

Community Program Eligible Applicants

- State / political subdivision of state
- MPO
- Local Government
- Public authority w/ transportation function (e.g., port)
- Tribe
- Territory
- Agency/entity of above
- State/local authority with ownership of publicly accessible transportation facilities

Community Program Applications

- Project Narrative: Location, description, focus area(s)
 - Multi-modal hubs and shared-use fleets and services
 - Urban/suburban area charging and fueling solutions
 - Rural area charging and fueling solutions
 - Fleet vehicles that serve and operating in communities
- Budget Information
- Project Merit Criteria
- Project Readiness and Environmental Risk
- **Due May 30, 2023**

Community Program Narrative

- Detailed description of location including geospatial data
- How will this project expand access to charging/fueling?
- Description of how the funds will be spent including construction, operations and maintenance costs
- Additional narrative that includes one or more four focus areas:
 - Multi-Modal Hubs and Shared-Use Fleets and Services
 - Urban/Suburban Area Charging and Fueling Solutions
 - Rural Area Charging and Fueling Solutions
 - Fleet Vehicles that Serve and Operate in Communities

Award Selection (Both Programs)

- Merit Criteria (Highly Qualified, Qualified, Not Qualified):
 - Safety
 - Climate Change, Resilience, and Sustainability
 - Equity, Community Engagement, Justice40 (*high priority*)
 - Workforce Development, Job Quality and Wealth Creation (*high priority*)
 - CFI Program Vision (*high priority*)
- Highly Recommended = Qualified in all Merit Criteria + 3 Highly Qualified Merit Criteria
- Recommended = Qualified in all Merit Criteria
- Not Recommended = Not Qualified for at least one Merit Criterion

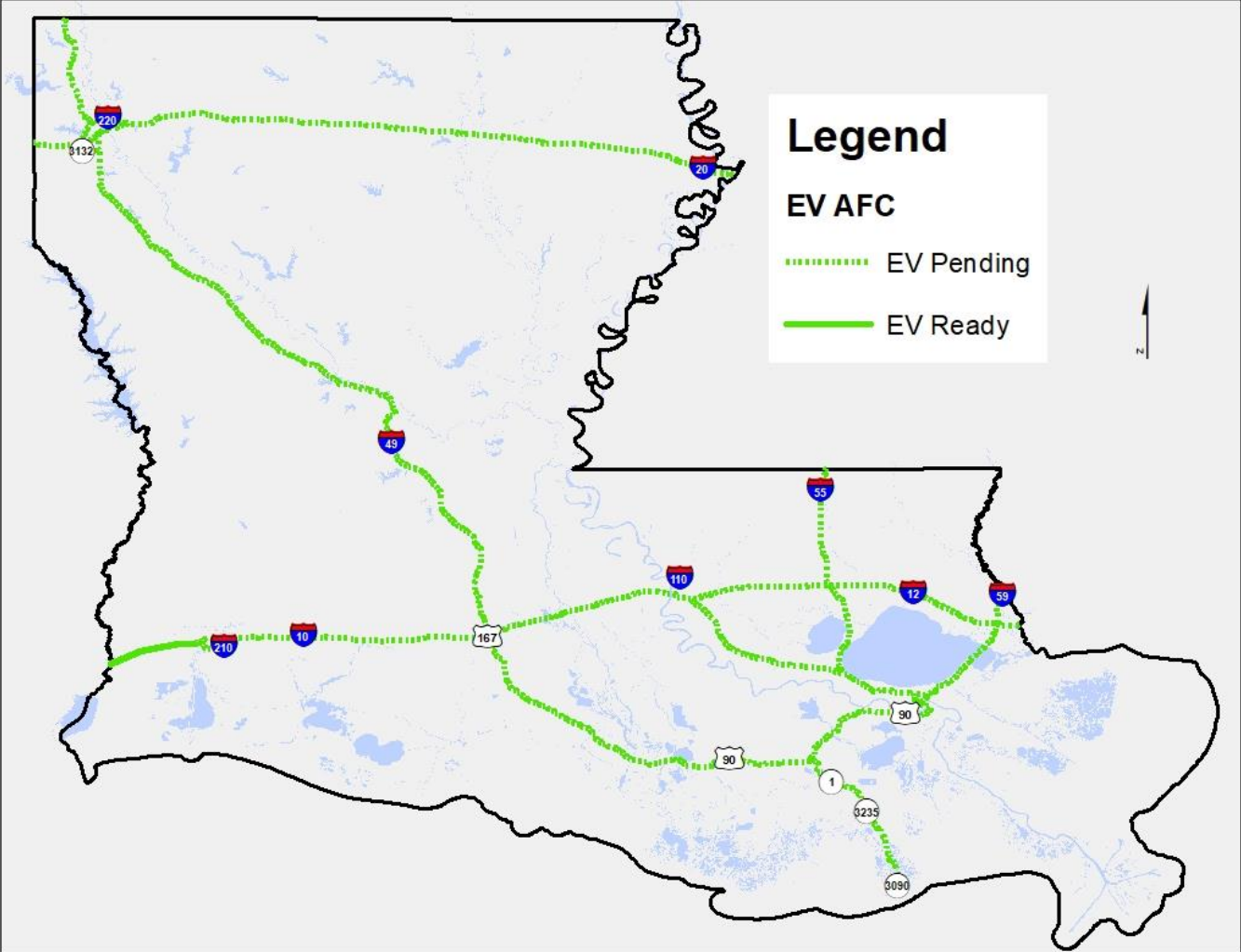
Community Program Selection

- Statutory Priorities:
 - Rural areas
 - Low – and moderate-income neighborhoods
 - Low ratio of private parking spaces to households or high ratio of multiunit dwellings to single family homes
- Additional Considerations
 - Geographic diversity (e.g., urban/rural)
 - Extent to which project meets current or anticipated market demands

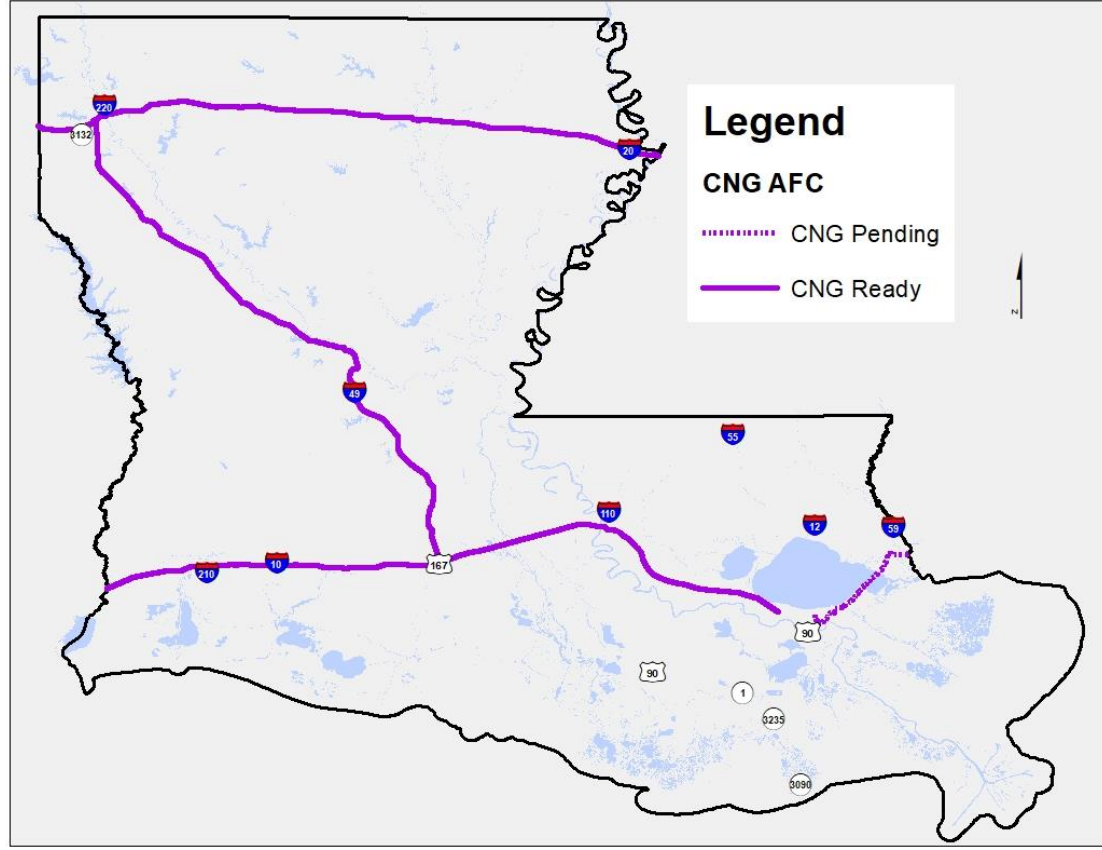
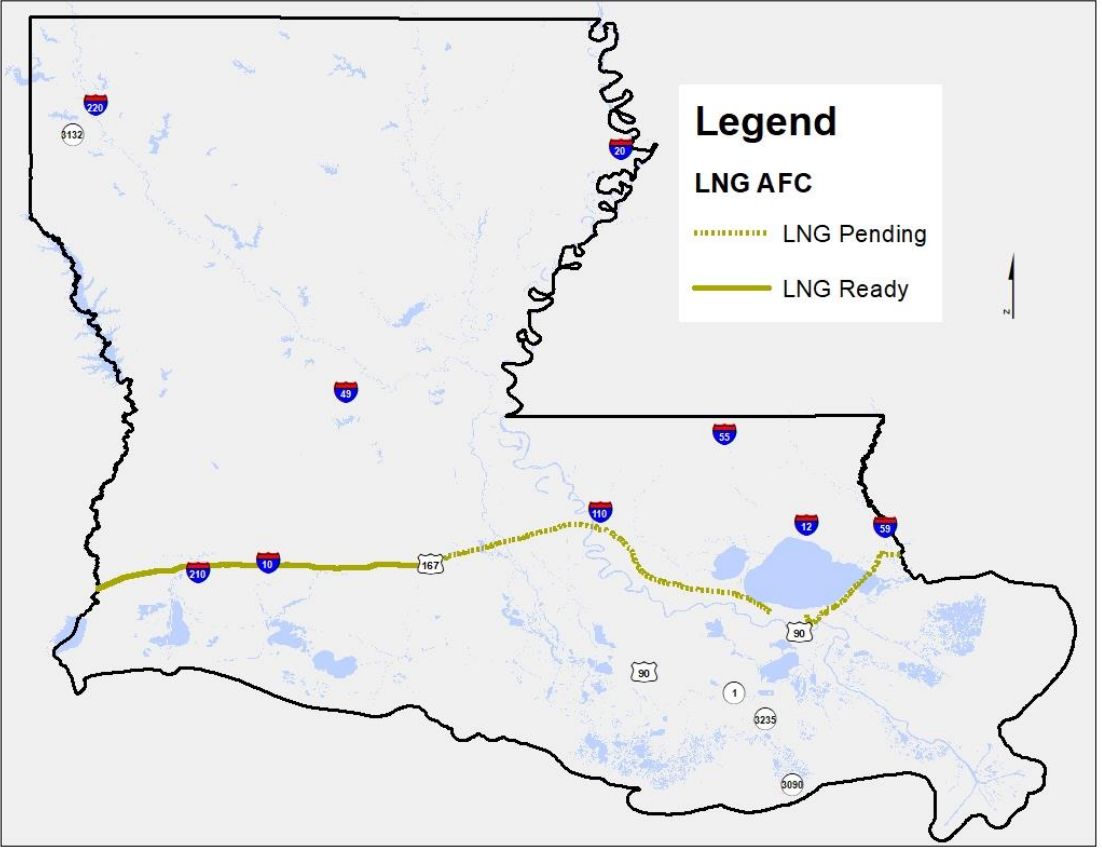
Corridor Program Projects

- Charging/Fueling Infrastructure along designated Alternative Fuel Corridor (EV within 1 mile; others within 5 miles)
- Allowable costs: Contracting with private entity for installation & 5 years of operation; traffic control devices
- **Must** contract with private entity
- Min. \$1m; No max
- Requires 20% matching funds
- EV Standards: Min. 4 DCFC ports; Available 24/7 (see 23 CFR 680 for additional standards)

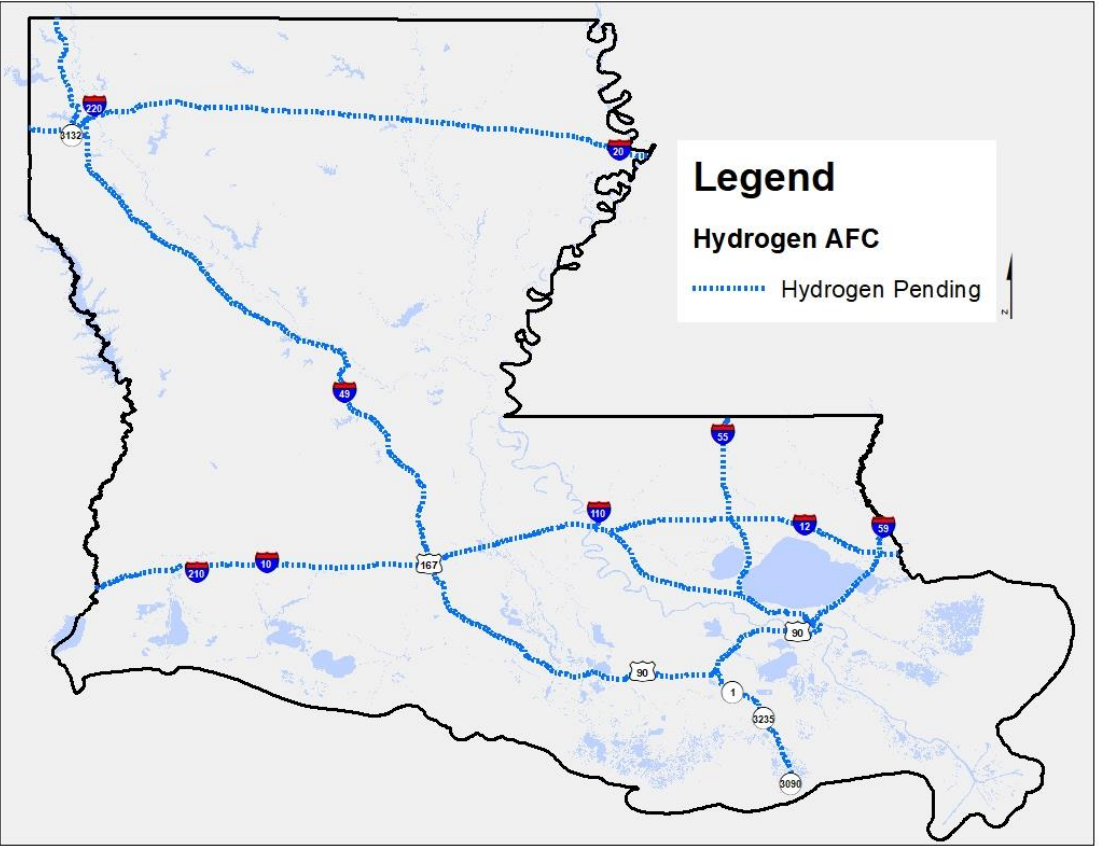
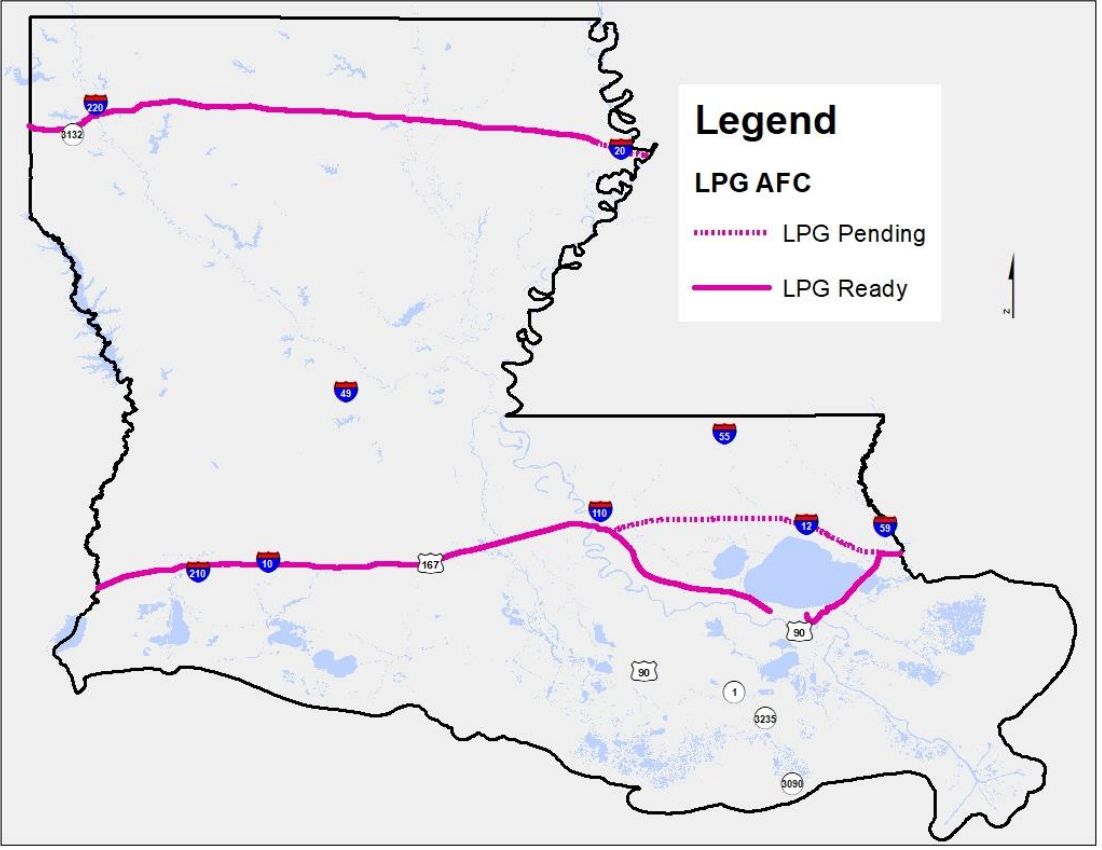
AFC Maps



AFC Maps



AFC Maps



Corridor Program Eligible Applicants

- State / political subdivision of state
- MPO
- Local Government
- Public authority w/ transportation function (e.g., port)
- Tribe
- Territory
- Agency/entity of above

Corridor Program Applications

- Narrative: Location, description, focus area(s)
 - Demonstrate build-out of AFCs
 - Zero emission corridors for medium- and heavy-duty vehicles
 - Resiliency
- Budget
- Project Merit Criteria
- Project Readiness and Environmental Risk
- **Due May 30, 2023**

Corridor Program Narrative

- Detailed description of location including geospatial data

How the project will meet NEVI Minimum Standards:

- Description of how funds will be used on public accessibility of charging and consideration of payment process for public
- Description of collaborative engagement with outside stakeholders
- Access to amenities at station, ADA accessibility
- How infrastructure will respond to future technology advancements
- Long-term operation and maintenance considerations
- Estimated emissions that will be reduced (utilize AFLEET tool to demonstrate)

Corridor Program Narrative Cont'd

- Description of how the project improves AFCs
- Budget Description for project costs
- Additional narrative showing at least one focus area:
 1. Demonstrate build-out of AFCs
 2. Zero Emission Corridors for Medium- and Heavy-Duty Vehicles
 3. Resiliency

Award Selection (Both Programs)

- Merit criteria (Highly Qualified, Qualified, Not Qualified):
 - Safety
 - Climate Change, Resilience, and Sustainability
 - Equity, Community Engagement, Justice40 (*high priority*)
 - Workforce Development, Job Quality and Wealth Creation (*high priority*)
 - CFI Program Vision (*high priority*)
- Highly Recommended = 3 H.Q. Merit Criteria & Qualified in all
- Recommended = Qualified in all Merit Criteria
- Not Recommended = Not Qualified for any single Merit Criteria

Corridor Program Award Selection

- Additional Considerations:
 - Converting corridor-pending AFCs to corridor-ready
 - Providing redundancy on existing corridor-ready AFCs
 - Reducing congestion at existing charging/fueling locations
 - Meet current or anticipated market demands and support competitive market
 - Enable or accelerate infrastructure that would not be completed without Federal assistance
 - Accommodate medium- and heavy-duty vehicles, proximity to intermodal transfer stations
 - Geographic diversity
 - Private entity readiness

SLCFP Assistance

- Data & mapping
- Best practices research
- Letters of support
- Post award assistance (e.g., Facilitating communication and future outreach activities)

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Other Resources

- Department of Transportation Grant Information: <https://www.fhwa.dot.gov/environment/cfi/>
- Grants.gov: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=346798>
- AFLEET (for emissions analysis): <https://afleet.es.anl.gov/home/>
- National Electric Vehicle (NEVI) Minimum Standards: <https://www.fhwa.dot.gov/environment/nevi/>
- Alternative Fuel Corridors: https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/
- Questions: CFIgrants@dot.gov

Other Updates and Upcoming Events

Events

- Louisiana Clean Fuels Summit with LCF
 - April 19-20, 2023
 - Raising Cane's River Center in Baton Rouge
 - Multi-day conference and expo
- Drive Electric Earth Day
 - April 22, 2023, 9 AM – 12
 - City Park Reunion Shelter
 - See & learn about EVs and charging infrastructure



RPC Resilience Planning

- Transportation Vulnerability Assessment
- EPA Climate Pollution Reduction Grant & Climate Action Plan
- Louisiana Watershed Initiative Regional Watershed Plan
- Regional Resilience Planning Framework



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Clean Fuel Partnership**



Thank You

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