

LOCAL NON-PROFIT CELEBRATES 20 YEARS OF REDUCING LOUISIANA’S TRANSPORTATION EMISSIONS

by
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Louisiana Clean Fuels (LCF) is celebrating its 20th anniversary as a US Department of Energy designated Clean Cities Coalition. Nearly 100 local coalitions serve as the foundation of Clean Cities by working in communities across the country to advance affordable domestic alternative fuels, fuel-saving technologies and practices, and energy efficient mobility systems. Each coalition is led by an on-the-ground Clean Cities coordinator who tailors projects and activities to capitalize on the unique opportunities within their communities. Nationwide, nearly 15,000 stakeholders participate in Clean Cities coalitions, and through their collective efforts, they are transforming local and regional transportation markets. Louisiana Clean Fuels, one of two Clean Cities coalitions in Louisiana, is a non-profit organization that receives support from the Louisiana Department of Natural Resources and its member organizations.



Louisiana Clean Fuels’ mission is to advance the nation’s environmental, economic, and energy security by supporting local actions to diversify transportation fuel options. Over the past year, LCF was involved in advancing the adoption of alternative fuels across Louisiana and the installation of critical fueling infrastructure. LCF worked with various organizations across the state to help them apply for

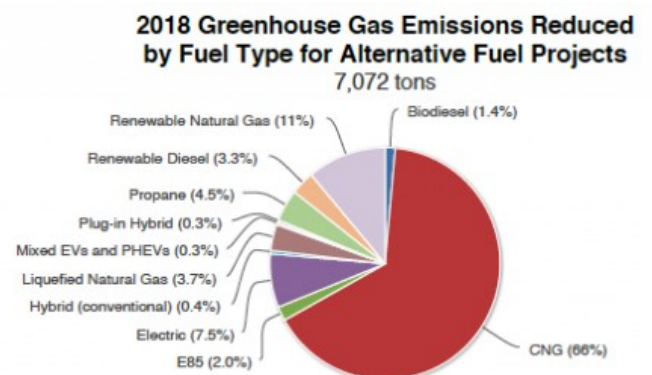
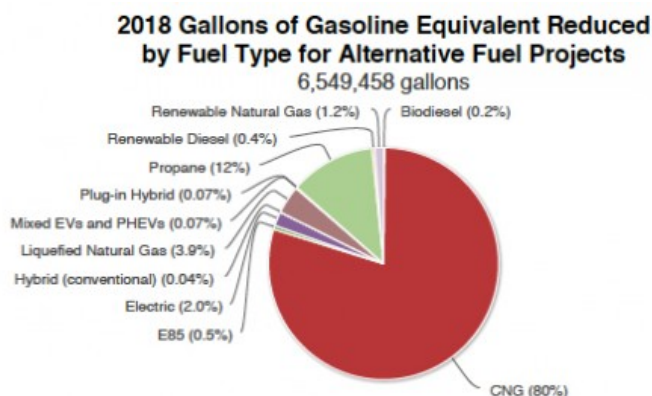
both DERA (Diesel Emissions Reduction Act) funding and the final two rounds of Volkswagen Mitigation Trust funding. Additionally, the coalition published their DC Fast Charging Master Plan, which identifies optimal charging locations based on EV owner needs, traffic patterns, etc., with the goal of establishing an electric vehicle DC Fast Charging network that meets the Federal Highway Administration’s guidelines for alternative fuel corridors. LCF worked throughout 2019 with the Louisiana Department of Environmental Quality (LDEQ) and electric utilities across the state to utilize this Master Plan to help inform decisions on the optimal placement of DC Fast Chargers along our interstate corridors. More information can be found at https://louisianacleanfuels.org/Louisiana_DC_Fast_Charging_Corridor.

LCF’s accomplishments are also impressive by the numbers:

- LCF and its stakeholders have cumulatively reduced over 165,500 tons of greenhouse gas emissions since the organization began collecting data in 2009.
- LCF’s stakeholders reported a record 9.6 million GGEs reduced by their 2018 activities, the largest GGE reduction in a single year that LCF stakeholders have ever reported.
- Fleets in the LCF territory reduced their NOx emissions (which contributes to the production of ground-level ozone), by 261,872 lbs in 2018 alone.

In 2019, LCF’s outreach activities made a real impact:

- LCF hosted 3 Listening Sessions with natural gas fleets around the state to identify potential technology gaps and critical research needs to improve vehicle and infrastructure performance and usability.
- LCF conducted 23 hours of free alternative fuel safety 101 classes for first responders.
- The coalition certified 3 new fleets into their Green Fleets Certification Program, designed to help fleets improve the economic and environmental performance of their vehicle operations.
- LCF hosted 4 public EV showcase events to more than 300 attendees across the state as part of the Louisiana Electric Vehicle Roadshow.



For 2020, the coalition plans to work to support legacy alternative fuel fleets in their territory, specifically through workforce development and improving access to alternative fuel technician training for

these fleets. LCF also has plans to continue to work with the LDNR and LDEQ to assist VW Settlement funding awardees with their electric vehicle supply equipment (EVSE) projects to help them implement the installation of their EV charging equipment as well as continuing to work to improve fueling infrastructure for all alternative fuels.

As a part of this initiative, LCF plans to host several training sessions related to alternative fuels and advanced vehicle technologies covering topics such as EV charging infrastructure for medium- and heavy-duty EVs, developments in gaseous and liquid alternative fuels, and EV 101 workshops for local leaders to prepare for an electrified future. The coalition will also continue organizing and facilitating multiple-fuel and/or technology-specific listening sessions with fleets and other stakeholders to identify technology gaps and critical research needs to improve vehicle/infrastructure performance and usability.

LCF's 2020 programmatic priorities include:

- Encourage investment in renewables through education with ongoing projects like our "Waste to Fuel" Curriculum initiative
- Increase the efficiency of public and private fleets through programs such as LCF's Green Fleets Certification program and Light Duty EV Readiness Fleet Analysis
- Support legacy alternative fuel vehicle (AFV) fleets by conducting Listening Sessions, hosting technical trainings, and collaborating with members on funding proposals
- Improve fueling infrastructure by hosting regional AFV infrastructure meetings in addition to utilizing LCF's EV Charging Corridor Master Plan
- Support and empower our first responders by continuing to offer safety training to Louisiana first responders

This year also marks LCF's 20th anniversary as a designated Clean Cities coalition. Over the past two decades, LCF has grown from a territory of 5 parishes to now cover 57 parishes, and alternative fuel usage of LCF stakeholders has grown from mere thousands in 2009 to nearly 9 million gallons in 2018. In celebration of their 20th anniversary, LCF is hosting the Clean Fuels Golf Classic on March 13, 2020, at Pelican Point Golf & Country Club in Gonzales, LA and a Gala Awards Banquet in the fall of 2020.

The Clean Fuels Classic is a golf scramble meaning players of all ability and experience levels are welcome. The event will feature excellent food, a Bloody Mary bar, and, for players who get a hole-in-one at holes sponsored by the Parretti Family of Dealerships and Gerry Lane Chevrolet, two chances to win a new car! Individual and team tickets are on sale now at www.cleanfuelsclassic.com.

More about the accomplishments of Clean Cities coalitions nationally:

Since 1993, the cumulative energy impact of Clean Cities coalition activities has surpassed 9.8 billion gallons of gasoline equivalent (GGEs) through alternative fuel use, fuel economy improvements, idle-reduction measures, and other strategies. This is enough to drive the distance to the sun and back 1,008 times. In 2018, coalitions reported a total national inventory of nearly 950,000 AFVs, split among 10 fuel and technology types. Coordinators reported large increases in some vehicle technologies. Plug-in electric vehicles (PEVs) grew by 40% and represented the second largest vehicle fuel type in 2018 at 227,854 PEVs. The number of vehicles using renewable diesel grew by 43% to 11,000 vehicles. Hydrogen vehicles grew by 247% from a small base to 402 vehicles.

LOUISIANA CLEAN FUELS

2019 YEAR IN REVIEW

300+
STAKEHOLDERS



**PUBLISHED
DC FAST
CHARGING
PLAN**

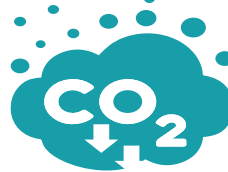
**CONDUCTED
61 HOURS
OF CLEAN FUEL
EDUCATION**



**CO-HOSTED THE
CLEAN FUELS
SUMMIT
100+
ATTENDEES**



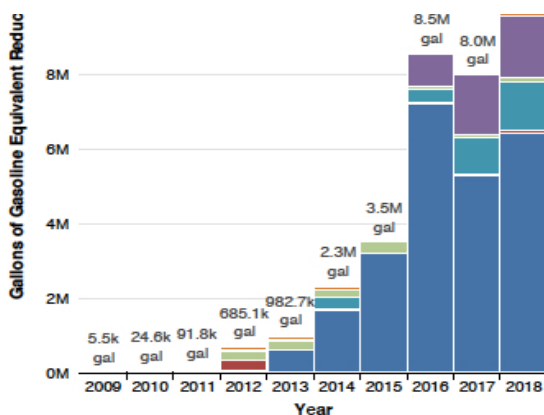
**45,000
TONS OF GHG
EMISSIONS
REDUCED**



**CERTIFIED
THREE FLEETS
INTO THE GREEN FLEETS
CERTIFICATION PROGRAM**



**REDUCED NOx BY
261,872 LBS**



**HISTORICAL
GALLONS OF GAS
EQUIVALENT
REDUCED**

- Off-Road Vehicles
- Fuel Economy Improvements
- Vehicle Miles Traveled Reductions
- Idle Reduction
- Hybrid Vehicles
- Electric & Plug-In Vehicles
- Alternative Fuel Vehicles

**293
ALT FUEL
STATIONS**



**HOSTED THE
EV
ROADSHOW**

