Southeast Louisiana Clean Fuel Partnership

Clean Fuel Newsletter

Spring 2019

www.CleanFuelPartnership.org

Upcoming Events

New Orleans EMS Idle Reduction Technology Ribbon Cutting
June 3, 2019 | 11:00am
2929 Earhart Blvd, New Orleans, LA 70125

2019 Government Fleet Expo & Conference
June 17-20, 2019
New Orleans, LA
www.governmentfleetexpo.com
*Save $50 with code CCLA19

Greater New Orleans Clean Fleet Awards
July 9, 2019
New Orleans, LA
https://cleanfuelpartnership.weebly.com/clean-fleet-awards.html

National Drive Electric Week/Louisiana EV Roadshow Events
September 16-20, 2019
https://driveelectricweek.org

2019 Clean Fuels Summit
October 10, 2019
Avondale, LA
https://cleanfuelpartnership.weebly.com/clean-fuels-summit.html

New Clean Cities Resources Available!

Meet the Award Recipients of RPC's *Clean Fuel Transition Fund for Public Fleets*! Through the collaborative efforts of Louisiana Department of Transportation & Development, Federal Highway Administration, Federal Transit Administration, the New Orleans Regional Planning Commission, Southeast Louisiana Clean Fuel Partnership, and five innovative public fleet entities, the *Clean Fuel Transition Fund for Public Fleets* resulted in diverse energy efficiency projects that are fast-tracking fuel conservation and emissions reductions throughout the region. **Read More**

CMAQ
Congestion Mitigation & Air Quality Program

Promote Louisiana's Diverse Fuel Portfolio and Transportation Efficiency as a 2019 Clean Fuels Summit Sponsor or Speaker: Co-hosted by U.S. Dept. of Energy Clean Cities coalitions, Southeast Louisiana Clean Fuel Partnership and Louisiana Clean Fuels, the 2019 Clean Fuels Summit offers supporters the opportunity to meet prospective project partners in the state's fast-growing alternative fuels and advanced vehicle technology marketplace. **Read More**

CLEAN FUELS SUMMIT
OCTOBER 10, 2019
AVONDALE, LA · NOLA MOTORSPORTS PARK

New Orleans Drive Electric Earth Day Wows Crowds at City Park! As part of a national campaign to share information on electric vehicles, the Clean Fuel Partnership and New Orleans City Park hosted the region's first Drive Electric Earth Day (DEED) event on April 16th. **Read More**

Government Fleet Expo & Conference in NOLA!

GFX GOVERNMENT FLEET EXPO & CONFERENCE

WHERE PUBLIC FLEET PROFESSIONALS CONNECT
JUNE 17-20, 2019 New Orleans

Plan on attending? Let us know!

SLCFP public fleet stakeholders can receive a discounted Full Conference Pass with code **CCLA19**. Register now at www.governmentfleetexpo.com.

You must be employed by a public agency to register for a Fleet Full Conference or Fleet Exhibits Only Pass. *Suppliers including fleet management companies, vehicle manufacturers, equipment & parts suppliers, GPS & telematics companies, software & technology providers, consultants and fueling systems manufacturers must purchase a Supplier Pass or exhibit space.*

10 Veterans Boulevard · New Orleans, LA · 70124
SLCFP@norpc.org · Phone 504.483.8519

Meet the Award Recipients of RPC's *Clean Fuel Transition Fund for Public Fleets*!

Through the collaborative efforts of Louisiana Department of Transportation & Development (LaDOTD), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), New Orleans Regional Planning Commission (RPC), Southeast Louisiana Clean Fuel Partnership (SLCFP), and five innovative public fleet entities, the *Clean Fuel Transition Fund for Public Fleets* (CFT Fund) resulted in diverse energy efficiency projects that are fast-tracking fuel conservation and emissions reductions throughout the region. By capitalizing on each fleet's unique opportunities, project partners worked to identify and deploy alternative fuels and technology solutions which are directly benefitting our local economy, energy security, and environment. Award recipients of the CFT Fund include:

Port of New Orleans

Port NOLA's Environmental team and Facility Services Manager test-drive their new plug-in hybrid truck retrofitted with XL Fleet's hybrid-electric drive system.

In recent years, the Port of New Orleans (Port NOLA) has garnered recognition for its significant environmental leadership and sustainable transportation efforts including, but not limited to, becoming Green Marine Certified, implementing the Clean Truck Replacement Incentive Program (Clean TRIP), operating propane lawnmowers, passing an Idle Reduction Policy for its Board-owned vehicles and equipment, and becoming the first public fleet in Louisiana to deploy all-electric vehicles into its operations. The Port's two Nissan LEAFs (primarily used for travel between Port facilities within New Orleans and Port business in the Metro area) have accumulated over 6,000 miles and offset more than 4,000 lbs. of greenhouse gas emissions since 2015. Having existing EV charging infrastructure for the LEAFs and working toward the goals in their Strategic Master Plan to invest in efficiency improvements, the Port sought to expand their electric vehicle fleet with the help of the RPC's CFT Fund. The Port was able to offset the costs of two, plug-in hybrid F-150 pickup trucks equipped with XL Fleet Electrification's extended range technology system which includes a high voltage lithium battery pack and regenerative braking enabling an estimated 50% increase in miles per gallon and 33% decrease in emissions. Together, project partners and Port NOLA look forward to celebrating this achievement at a special ribbon cutting ceremony (details TBD) and partnering on additional environmental endeavors in the year ahead!

Jefferson Transit

Project partners commemorate JeT's 13 new, cleaner-burning propane paratransit buses at a ribbon cutting ceremony held at JeT headquarters on June 8, 2018.

Being on the forefront of alternative fuels and fuel-saving practices is not new for Jefferson Transit (JeT). They were the first transit operator in the region to use biodiesel and implement idle reduction policies which together save around 18,000 gasoline gallons equivalent each year. JeT's commitment to expanding their clean transportation portfolio, as outlined in their Strategic Plan released in April 2019, led them to apply for the RPC's CFT Fund to help offset the costs of purchasing 13, Ford E-450 propane paratransit shuttle buses developed by ROUSH CleanTech. Each of the shuttles are estimated to emit 91,000 fewer pounds of carbon dioxide over its lifetime compared to gasoline fueled counterparts. Additionally, propane autogas historically costs up to 40 percent less than gasoline and 50

percent less than diesel. The 13 propane buses took the place of 13 buses due for replacement within JeT's Mobility Impaired Transportation System (MITS) fleet, which makes about 61,000 trips and travels approximately 441,000 miles per year serving Jefferson Parish's disabled citizens who are unable to access fixed route transit. In 2018 alone, the 13 propane buses helped JeT save 74,441 gasoline gallons equivalent and prevent more than 105 tons of greenhouse gases from being emitted into the atmosphere – the equivalent of taking 25 passenger vehicles off the road! Shortly after realizing the benefits, JeT purchased three additional propane buses in 2019 resulting in a total of 16 out of 17 MITS vehicle conversions to cleaner burning fuel. JeT's leadership and dedication to piloting new fuels and technologies showcase their commitment to creating a cleaner, greener transit operation and paving the way for other light-to-medium duty bus fleets in Southeast Louisiana.

St. Bernard Parish Government

St. Bernard Parish Government showcased their brand new Nissan LEAF at the RPC Board meeting on April 9, 2019.

St. Bernard Parish Government (SBPG) is dedicated to being a leader in cleaner air, establishing policies and programs that reduce emissions and promote quality of life such as their Air Quality Awareness Week proclamation passed in 2018 by Parish President McInnis and City Councilmembers. To further showcase their commitment to energy efficiency and eco-friendly practices, SPBG applied for the RPC's CFT Fund to add an all-electric vehicle to their fleet. With the funding, SPBG was able to offset the costs to replace a 14-year old Chevy Cobalt, which traveled 14,000 miles annually, with a new, zero-emission Nissan LEAF. In doing so, SBPG became the first Parish Government in the region to incorporate an EV into its fleet operations and is continuing to "walk the walk" by reducing their carbon footprint, reducing their fuel and maintenance costs, and reducing greenhouse gas emissions at the local level. Moreover, SBPG applied for Volkswagen Settlement funding to purchase two, Level 2 EV charging stations to be made available for public use at the Parish Government complex in Chalmette and at a public parking lot behind the St. Claude Arts building in Arabi. Together with RPC and the Clean Fuel Partnership, SBPG is proudly leading the adoption of EVs by example and making great strides toward cleaner transportation and a healthier environment for its citizens.

New Orleans Emergency Medical Services

The Clean Fuel Partnership and NOLA EMS's collaborative efforts received an "Idle Reduction Innovators" award from the U.S. Dept. of Energy's National Clean Cities Program.

Ambulances typically idle for a great portion of their work day, for example, when picking up or dropping off patients, when filling out paperwork at hospitals, as well as to keep vital onboard equipment powered like life support systems, temperature controlled compartments, and telecommunications. It's estimated that for each hour an ambulance idles, it burns 1½ gallons of fuel and puts about 35 miles worth of wear-and tear on the engine. To make the transition toward a greener fleet, New Orleans Emergency Medical Services (NOLA EMS) utilized the RPC's CFT Fund to offset the costs of purchasing and installing idle reduction technology in 16 ambulances. This new technology, developed by ZeroRPM, allows for all onboard equipment to be

powered by an onboard battery when the vehicle is in park without having the engine on and without the negative effects of idling. In just six months, the systems helped NOLA EMS save approximately $11,000 in fuel costs and reduce 3,820 hours of engine idling equating to the reduction of 40 tons of vehicle emissions! Looking forward, NOLA EMS and the City of New Orleans are committed to advancing cleaner transportation projects that curb emissions and help reach the goals outlined in the New Orleans Climate Action Plan. A ribbon cutting ceremony will be held on Monday, June 3rd at the NOLA EMS headquarters to commemorate the City's new and improved ambulance fleet.

Sewage and Water Board of New Orleans

SWBNO Senior Planner Carson Gorecki approves the new plug-in hybrid-electric Meter Reader trucks!

Since 2014, the Sewage and Water Board of New Orleans (SWBNO) has reduced more than 460 tons of greenhouse gas emissions and saved the equivalent of 37,056 gasoline gallons through the use of their MotionLink idle reduction and fleet tracking software installed on 491 vehicles. With the goal of advancing their fleet's sustainability and diversifying their fuel portfolio, SWBNO applied for RPC's CFT Fund to offset the cost of purchasing and installing XL Fleet Electrification's electric extended range technology on six F-150 pickup trucks used in their Meter Reader fleet, that together travel an estimated 40,000 miles annually. By utilizing domestically produced electricity as a transportation fuel, SWBNO is doing their part to reduce local emissions and spearhead the adoption of cleaner fueled vehicles for local fleets with light-duty trucks! The SWBNO, RPC, and SLCFP will host a ribbon cutting ceremony in July to celebrate this significant milestone (details TBD).

About *Clean Fuel Transition Fund for Public Fleets*:

The New Orleans Regional Planning Commission (RPC) established the Southeast Louisiana Clean Fuel Partnership (SLCFP) to promote and facilitate implementation of fuel saving and emissions reducing technologies in the transportation sector. The Louisiana Department of Transportation and Development (LaDOTD) awarded RPC funding through the United States Department of Transportation (USDOT), Federal Highway Administration (FHWA) Congestion Mitigation and Air Quality Improvement (CMAQ) Program to support projects that reduce air emissions and improve air quality. RPC elected to use this funding, via executing the *Clean Fuel Transition Fund for Public Fleets,* to support public fleets with incorporating clean fuel alternatives into their operations to reduce air quality impacts associated with transportation fleets. Eligible fleets could receive 80% of the incremental cost difference between a new alternative fuel vehicle and the gasoline powered version; 80% of the cost to convert an existing vehicle to alternative fuel; and 80% of the cost to purchase and install anti-idling equipment.

Clean Fleet Leader Awards, July 10, 2018

The Southeast Louisiana Clean Fuel Partnership looks forward to recognizing the above recipients at the annual Clean Fleet Leader Awards on Tuesday, July 9, 2019 at the New Orleans Regional Planning Commission. For details about this event, please contact SLCFP Director Courtney Young: cyoung@norpc.org.

Promote Louisiana's Diverse Fuel Portfolio and Transportation Efficiency as a 2019 Clean Fuels Summit Sponsor or Exhibitor

Co-hosted by U.S. Dept. of Energy Clean Cities coalitions, Southeast Louisiana Clean Fuel Partnership and Louisiana Clean Fuels, the **2019 Clean Fuels Summit** offers supporters the opportunity to meet prospective project partners in the state's fast-growing alternative fuels and advanced vehicle technology marketplace.

Don't miss this exciting opportunity to come face-to-face with key decision makers and influencers who play a pivotal role in fleet purchases in Louisiana. As a Clean Fuels Summit Sponsor or Exhibitor, your participation will contribute to the continued growth of cleaner transportation resources for experienced and new fleet professionals alike. The following pages provide information and benefits for each level of engagement. See the **Sponsorship Packet** for more information.

Event Sponsor | $5,000

- Priority placement of company logo on SLCFP & LCF websites
- Priority placement of company logo on conference marketing materials
- Priority placement of exhibit space in Expo Hall
- Opportunity for priority placement of vehicle in Ride & Drive lineup
- Exclusive speaker opportunity during plenary welcome or lunch
- 6 complimentary conference passes (a $300 value)
- Opportunity to provide a company slideshow/video to play on 20+ TVs throughout venue
- Opportunity to provide a full-page ad in conference program
- Opportunity to provide company literature and/or giveaways on welcome table
- Receipt noting sponsorship level and benefits for tax purposes

Play video from last year's event!

Lunch Sponsor | $2,500

- Thank You signage in lunch area
- Company literature or giveaways at every seat during lunch
- Medium logo on marketing materials and website
- ½ page ad in conference program
- 4 complimentary conference passes ($200 Value)
- Receipt noting sponsorship level and benefits

Ride & Drive Sponsor | $1,000

- Thank You signage in Ride & Drive Area
- Company signage throughout vehicle display and test-drive area
- Medium logo on marketing materials and website
- ½ page ad in conference program
- 3 complimentary conference passes ($150 Value)
- Receipt noting sponsorship level and benefits

2019 Clean Fuels Summit Host Team

Clean Fuel Energizer (Coffee) Sponsor | $750

- Thank You signage at coffee station
- Company signage at each coffee break station
- Small logo on marketing materials and website
- ¼ page ad in conference program
- 3 complimentary conference passes ($150 Value)
- Receipt noting sponsorship level and benefits for tax purposes
- ***Combine this offer with the Travel Mug Sponsorship and save $50***

General Supporter | $500

- ¼ page ad in conference program
- Small logo on marketing materials and website
- 10'x10' exhibit space in Expo Hall
- Company promotion on all marketing materials
- SLCFP & LCF website exposure throughout 2019-2020
- Recognition during Plenary Welcome and Lunch
- 2 complimentary conference passes ($100 Value)
- Receipt noting sponsorship level and benefits for tax purposes

Exhibitor | $250

- 8' draped table with 2 chairs
- 1 company ID sign
- 2 complimentary conference passes ($100 Value)
- Small logo on all conference marketing materials
- Receipt noting sponsorship level and benefits for tax purposes

Interested in sponsoring, exhibiting, or displaying a vehicle?
Contact the Southeast Louisiana Clean Fuel Partnership Director, Courtney Young: cyoung@norpc.org.

Specialty Sponsors - Limit one sponsor per item:

Lanyard Sponsor | $150

Conference Bag Sponsor | $750
High quality insulated bags

Travel Mug Sponsor | $1,000
Stainless steel travel mug

Bundle Offer | $1,700
Travel Mug & Coffee Sponsor

Interested in presenting at the Clean Fuels Summit?

We are requesting presentation proposals in the following subject areas:

- Future of Transportation and Mobility
- OEMs Embracing Fuel Diversity
- Telematics / Data
- Advances in Safety and Automation
- Fleet Efficiency
- Workforce Development: Challenges and Opportunities
- Fleet Success Stories
- Creative Funding and Group Purchasing Programs

Click here complete the form in order to submit your presentation proposal for the Clean Fuels Summit. **Submissions are due by July 31, 2019**. Questions? Contact Louisiana Clean Fuels Executive Director, Ann Vail at: Ann@louisianacleanfuels.org.

New Orleans Drive Electric Earth Day Wows Crowds at City Park!

As part of a national campaign to share information on electric vehicles, the Southeast Louisiana Clean Fuel Partnership (SLCFP) and New Orleans City Park hosted the region's first Drive Electric Earth Day (DEED) event on April 16th.

Local electric vehicle (EV) owners and dealerships brought their cars to create a zero-emission vehicle alley on Victory Ave in front of the Botanical Gardens. Many attendees said it was their first time seeing an electric vehicle in person and were thrilled to get behind the wheel of the various models on display including a Jaguar I-Pace, Tesla Model 3, Tesla Model S, Tesla Model X, Nissan LEAF, and Honda Clarity.

EV owners shared their experiences and tips on purchasing and leasing, charging at home, planning for road trips, environmental benefits, cost savings, and another *driving* factor: instant torque!

Families explore the Zero-Emission Alley and meet local owners of all-electric vehicles.

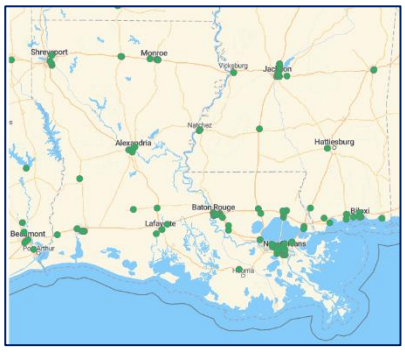
New Orleans was part of 188 Drive Electric Earth Day events that took place this April across the US and other countries!

"The economic and clean energy benefits of not having gas or oil or any other maintenance to deal with is a great selling point," said Teddy Smith. "I never have to go to the gas station again!"

The goal of DEED events nationwide is to raise awareness that charging stations and electric vehicles are becoming increasingly available and affordable in the country. As of May 2019, there are over 1,400 EVs registered in Louisiana and 95 public charging stations in the New Orleans region alone. For a map of nearby charging stations, visit the U.S. Dept. of Energy's Alternative Fueling Station Locator.

The New Orleans DEED event was made possible through the support of EV owners and advocates like City Park, Paretti Jaguar, and RideTHISbike. At the national level, Drive Electric Earth Day is a collaboration between Plug In America, Sierra Club and the Electric Auto Association to share the experience of electric vehicle owners and bring information about the many reasons to adopt electric vehicles to consumers, policymakers, the media, and the general public. To learn more, visit https://driveelectricearthday.org.

Interested in going electric? Find and compare electric vehicle models at FuelEconomy.gov (www.fueleconomy.gov).



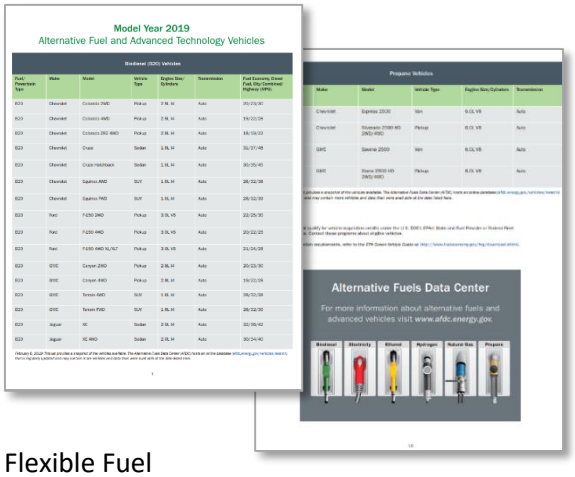
Public Level 2 charging stations in and surrounding LA; Source: *Alternative Fuels Data Center Station Locator Map*

Mark Your Calendars!

The Clean Fuel Partnership will be hosting multiple Louisiana EV Roadshow events in select cities during National Drive Electric Week, September 14-22, 2019. Stay tuned for details!

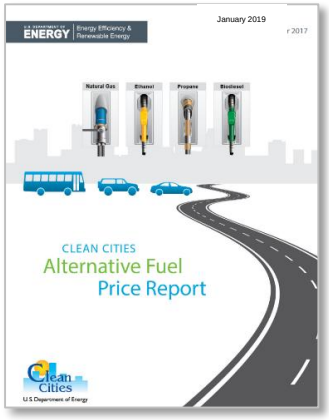
New Clean Cities Resources Available!

Model Year 2019 Alternative Fuel and Advanced Technology Vehicles



This resource document, written by the U.S. Dept. of Energy's Alternative Fuel Data Center (AFDC), offers a comprehensive list of the alternative vehicles currently available. The list breaks down the different fuels, make vehicle model, type, engine size/cylinders, and fuel economy. Fleets looking to convert to alternative fuels can use this guide to determine potential vehicles for their operation. The various fuels covered in the document are:

- Biodiesel (B20)
- Electric
- Compressed Natural Gas (CNG)
- Flexible Fuel
- Propane
- Fuel Cell



Clean Cities Alternative Fuel Price Report, January 2019

The Clean Cities Alternative Fuel Price Report is a quarterly report designed to keep Clean Cities coalitions and other interested parties up to date on the prices of alternative and conventional fuels in the United States. The January 2019 issue of the Clean Cities Alternative Fuel Price Report shows an increase in the national average retail price of gasoline and diesel since the last reporting period, likely due to the series of hurricanes that hit the Gulf Coast and Lower Atlantic regions. For fleets considering the transition from conventional fuels, page 24 of the report shows historical prices of alternative fuels, relative to gasoline and diesel, from 2008 to the present.

Quantifying the Electric Vehicle Charging Infrastructure Gap Across U.S. Markets

As the U.S. electric vehicle market increases, it is important to identify what areas will require an increase in charging infrastructure. By 2025, 3 million electric vehicles are expected to be driving on U.S. roads. This report analyzes charging infrastructure gaps. By identifyig the gaps, it enables a projection for the amount of charging stations that will be needed to power. The evaluation is based on best available observed data on the growing electric vehicle market, charging availability, and emerging charging behavior patterns.

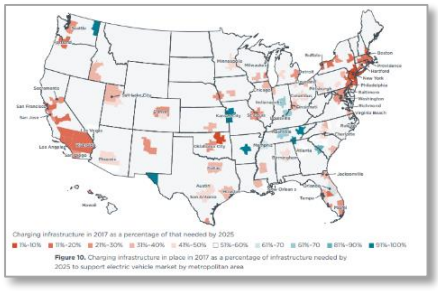


Figure 10. Charging infrastructure in place in 2017 as a percentage of infrastructure needed by 2025 to support electric vehicle market by metropolitan area

Clean Cities
U.S. Department of Energy

The Southeast Louisiana Clean Fuel Partnership is part of a network of almost 100 US Department of Energy-designated Clean Cities Coalitions nationwide. We provide education, technical assistance, funding information and other services to assist vehicle fleet managers and personnel incorporate cleaner transportation options into their operations. For additional information on cleaner transportation options, please visit the U.S. Department of Energy's Alternative Fuels Data Center and Clean Cities websites.