



CLEAN FUEL NEWSLETTER

IN THIS ISSUE

EXTRA, EXTRA: Hammond-Based fleet, C&S Wholesale Grocers participates in NACFE's Regional Freight Efficiency "Run on Less" demonstration event! (pg. 11)

2019 Clean Fuels Summit Recap

On October 10, 2019, the Southeast Louisiana Clean Fuel Partnership (SLCFP) and Louisiana Clean Fuels (LCF) - two U.S. Department of Energy-designated Clean Cities Coalitions - hosted the first statewide Clean Fuels Summit at NOLA Motorsports Park in Avondale, LA. Attendees learned about domestically produced alternative fuel options for vehicles that burn cleaner than gasoline or diesel and help reduce emissions, as well as a variety of fuel-saving technologies that fleets throughout the U.S. are deploying. (pg. 2)

Louisiana's 2019 Electric Vehicle Roadshow:

Clean Cities Coalitions Driving EV Education Across the State!

U.S. Dept. of Energy designated Clean Cities Coalitions - the Southeast Louisiana Clean Fuel Partnership (SLCFP) and Louisiana Clean Fuels (LCF) - drove electric vehicle education across the state during the 2019 Louisiana EV Roadshow! The 4-month tour began in July making educational pit stops in Shreveport, Lafayette, Abita Springs, Gonzales, New Orleans, and Avondale. (pg. 8)

Louisiana Volkswagen Settlement Funding:

Cycle I-III Awardees & Project Updates!

In 2017, German automaker Volkswagen AG (VW) pled guilty for installing cheat devices in diesel vehicles to show false emissions levels during vehicle testing. As part of the \$2.9 billion settlement, Louisiana is receiving \$19.8 million over three years to offset excess air pollution caused by VW's actions. As the state's Lead Agency, the Louisiana Department of Environmental Quality (LDEQ) is in charge of allocating funding for projects to reduce emissions from diesel vehicles. (pg. 6)

SLCFP's Electric Vehicle Expert Certification Program

The automotive market is rapidly evolving with electric vehicles (EVs) at the forefront. While EVs have increasingly become a popular choice among car buyers, major automakers are continuing to make commitments to produce more all-electric models and are investing millions of dollars in research and development into EV technology. To help prepare Southeast Louisiana's dealerships for the growing consumer and fleet demand of EVs, the Clean Fuel Partnership will be launching a free Electric Vehicle Expert Certification Program. (pg. 12)

UPCOMING EVENTS

(Upcoming Webinars & Clean Fuel Resources, pg. 13)

Energy Independence Summit 2020
February 10-12, 2020
Washington, D.C.

Work Truck Show / Green Truck Summit
March 3-6, 2020
Indianapolis, IN

Louisiana Clean Fuels Golf Classic
March 13, 2020
Gonzales, LA

NAFA 2020 Institute & Expo
April 6-8, 2020
Indianapolis, IN

Advanced Clean Transportation (ACT) Expo
May 11-14, 2020
Long Beach, CA



2019 CLEAN FUELS SUMMIT RECAP!

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Chance McNeely, Executive Director of the LMTA, presents Louisiana's freight industry need for skilled technicians.



Denise Bennett, LDEQ Deputy Secretary, presents a Volkswagen Settlement update on qualified vehicle replacements, electric vehicle supply equipment, applicant requirements, and past awardees.

(Continued)

EXHIBITORS

SUNPOWER

Premier Dealer

AmeriGas

America's Propane Company
Propane Provider

-chargepoint+

Electric Vehicle
Charging Station
Network



Entergy | eTech

Electric Vehicle
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GPSINSIGHT

Fleet Management
Technology

Louisiana cleanfuels
Clean Cities
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SOLAR
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Solar Panel
& EVSE
Installation



Clean Cities
Coalition

SUNPOWER

by South Coast Solar
Solar Panel
& EVSE
Installation

(Continued)



RIDE & DRIVE VEHICLES

- **Paretti's Jaguar I-PACE (All-Electric)**

- 234 mile range
- 60 mph in 4.5 seconds
- MSRP: \$69,500

- **Ingevity's Adsorbed Natural Gas Ford F-250 (Dedicated ANG)**

- ANG technology removes the need for large commercial fueling stations and reduces energy consumption by over 50% and fuels 60% faster.
- Fuel savings range from \$1.00-\$1.50 per GGE compared to gasoline.
- ANG is suitable for large, light-duty vehicles like SUV's, half-ton pickup trucks and service vans.

- **Port of New Orleans' XL Plug-In Hybrid F-150 (Plug-in Hybrid Electric)**

- Battery Size: 15 kWh
- Estimated cost of the XLP™ Plug-in Hybrid Electric Upfit: \$24,990
- Delivers a 50% MPG increase and a 33% reduction in CO2 emissions

- **Tesla Models S & 3 (All-Electric)**

- 220-373 mile range
- MSRP: \$35,000 - \$75,000

- **Chevy Bolt (All-Electric)**

- 238 mile range
- Charge time for full battery: 9 to 10 hours
- MSRP: \$36,620

- **Jefferson Parish Transit's ROUSH CleanTech E-450 Propane Paratransit Van (Dedicated Propane)**

- Fuel Tank Capacity: 64 gallons
- Estimated cost of ROUSH CleanTech Extended Range Propane Fuel Tank Upfit: \$20,000

- **Audi e-tron SUV (All-Electric)**

- 204 mile range
- 402 horsepower
- MSRP: \$74,800
- Audi will give e-tron owners 1,000 kWh of charging to use at Electrify America fast-charging stations within the first four years of ownership.

- **Nissan LEAF (All-Electric)**

- 150 to 226 mile range
- Charge time for full battery: 8-11 hours
- MSRP: \$29,990



*MSRP is before custom fleet discounts as well as federal and state tax incentives

*Charging time is based on 240-volt outlets (regular wall outlet for washer/dryers, ovens, etc.)

(Continued)

THANK YOU SPONSORS!

SLCFP and LCF would like to give a special thank you to event sponsors for their generous support and participation!

Specialty



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For a complete list of speaker presentations, photos, and more, please visit the Clean Fuels Summit website at:

www.CleanFuelsSummit.com



LOUISIANA VOLKSWAGEN SETTLEMENT FUNDING:

CYCLE I-III AWARDEES AND PROJECT UPDATES!

In 2017, German automaker Volkswagen AG (VW) pled guilty for installing cheat devices in diesel vehicles to show false emissions levels during vehicle testing. As part of the \$2.9 billion settlement, Louisiana is receiving \$19.8 million over three years to offset excess air pollution caused by VW's actions. As the state's Lead Agency, the Louisiana Department of Environmental Quality (LDEQ) is in charge of allocating funding for projects to reduce emissions from diesel vehicles and for projects to install public electric vehicle charging stations. To date, LDEQ has accepted project proposals in three cycles, announcing the Cycle I solicitation in 2017 and Cycles II and III solicitations in 2019.

In Cycle I, LDEQ prioritized projects for the replacement of older diesel school buses with newer, more efficient diesel or alternative fuel buses aiming to improve local air quality for Louisiana's school children, one of the populations most vulnerable to the effects of ground-level air pollution.

CYCLE I AWARDEES LOCATED IN SLCFP'S REGION:

(INCLUDING THE PARISHES OF JEFFERSON, ORLEANS, ST. BERNARD,
ST. CHARLES, ST. JOHN THE BAPTIST, ST. TAMMANY, PLAQUEMINES, AND
TANGIPAHOA)



St. John the Baptist Parish School District

Granted \$127,500 to replace six (6) 2009 model or older diesel buses with six (6) new, more efficient diesel buses.



St. Charles Parish School District

Granted \$64,353.75 to replace three (3) 2009 model or older diesel buses with three (3) new, more efficient diesel buses.

(Continued)

In Cycle II, LDEQ prioritized projects for older diesel school bus replacements and for the installation of publicly available electric vehicle charging stations owned by public entities.

CYCLE II AWARDEES LOCATED IN SLCFP'S REGION:

School Bus Replacement Awardees



Plaquemines Parish School District

Granted \$40,000 to replace two (2) 2009 model or older diesel buses with two (2) new, more efficient diesel buses.



St. Charles Parish School District

Granted \$488,500 to replace twenty-two (22) 2009 model or older diesel buses with eleven (11) new diesel buses in 2019 and eleven (11) new diesel buses in 2020.



Tangipahoa Parish School System

Granted \$232,787 to replace eleven (11) 2009 model or older diesel buses with eleven (11) new, more efficient diesel buses.

Electric Vehicle Supply Equipment Awardees



City of Gretna:

Granted \$36,000 for three (3) new light duty zero emission vehicle Level 2 Chargers.



St. Bernard Parish:

Granted \$24,000 for two (2) new light duty zero emission vehicle Level 2 Chargers.



Jefferson Parish:

Granted \$76,000 for three (3) new light duty zero emission vehicle Level 2 Chargers and two (2) Direct Current Fast Chargers.



Xavier University:

Granted \$36,000 for two (2) new light duty zero emission vehicle Level 2 Chargers and one (1) Direct Current Fast Charger.



City of New Orleans:

Granted \$80,000 for five (5) new light duty zero emission vehicle Level 2 Chargers and one (1) Direct Current Fast Charger.



New Orleans Regional Planning Commission:

Granted \$12,000 for one (1) new light duty zero emission vehicle Level 2 Charger.

In Cycle III solicitations, LDEQ prioritized projects not only for older diesel school bus replacements and the installation of publicly available electric vehicle charging stations owned by public entities, but also for publicly available charging stations owned by private entities. Cycle III applications are under review and applicants will be notified by the spring of 2020.

For more information about the VW Settlement, visit LDEQ's website at www.deq.louisiana.gov/page/louisiana-volkswagen-environmental-mitigation-trust.



Participants enjoy their first ride in an EV at the Abita Springs Roadshow stop!

LOUISIANA'S 2019 ELECTRIC VEHICLE ROADSHOW:

CLEAN CITIES COALITIONS DRIVING EV EDUCATION ACROSS THE STATE!

U.S Dept. of Energy designated Clean Cities Coalitions - the Southeast Louisiana Clean Fuel Partnership (SLCFP) and Louisiana Clean Fuels (LCF) - drove electric vehicle education across the state during the 2019 Louisiana EV Roadshow! The 4-month tour began in July and concluded in October making stops in the following cities: Shreveport, Lafayette, Abita Springs, Gonzales, New Orleans, and Avondale. Roadshow events provided community members a hands-on opportunity to take EV test drives and ride alongs with vehicle owners and local dealership associates, away from the typical dealership setting.



Representatives from the local Sierra Club and Entergy eTech shared benefits and incentives for purchasing EVs at the New Orleans Zoo pit stop!

Participants encountered some of the many benefits of EVs like silent motors, instant torque, and zero emissions in a wide range of models including the Jaguar I-PACE, Nissan LEAF, Chevy Bolt, Honda Clarity, and Tesla models 3, S, and X. Attendees also learned how to connect EVs to a charging stations and were able to ask EV experts their most difficult and technical questions about charging speeds and connector types.

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IN A 2019 EV CONSUMER TEST DRIVE SURVEY, LOUISIANIANS SAID

MORE LIKELY TO BUY AN EV AFTER THEIR TEST DRIVE

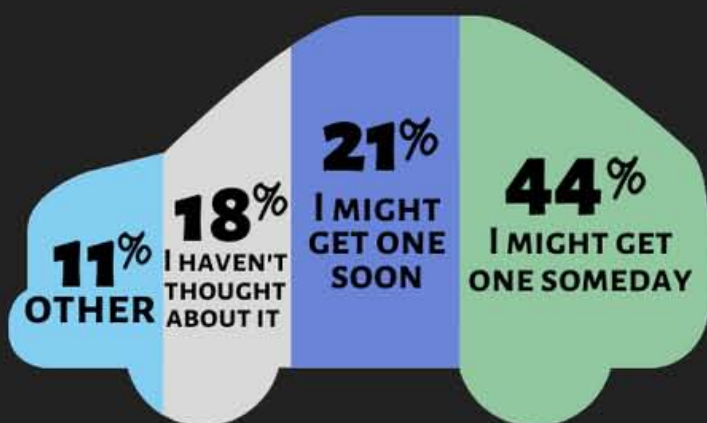
64%



WOULD BUY AN EV IF THEY HAD ACCESS TO WORKPLACE CHARGING

Southeast Louisiana Clean Fuel Partnership
Louisiana cleanfuels

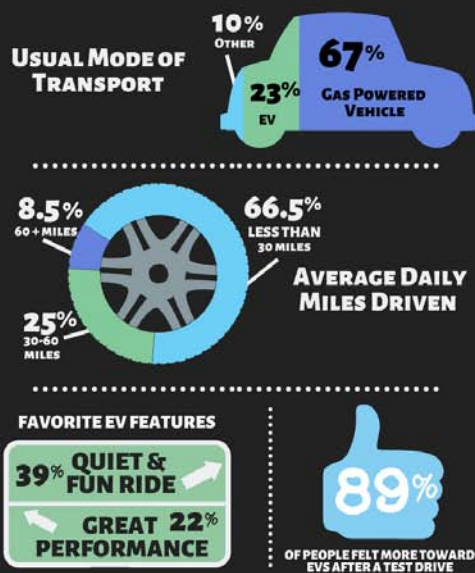
WOULD YOU OWN AN EV?



Roadshow participants completed a Pre-Test Drive and Post-Test Drive survey in exchange for a commemorative 2019 Louisiana EV Roadshow shirt! The consumer feedback that was collected is critical to the widespread knowledge of Louisiana's EV adoption. Using the survey data, SLCFP developed Louisiana EV facts and figures infographics that can be shared with EV policy makers, dealerships, and researchers alike. Alongside the test drives, participants stated the value of being able to discuss

vehicle specs and hear firsthand experiences and tips from local EV owners. Chynna Reddix, a member of Louisiana's Tesla Owners Club, stated: "I really love my Tesla Model X. I find that my baby sleeps so much better in it than in my old Kia Optima. I think it's a great vehicle for moms!"

LOUISIANA'S 2019 EV CONSUMER TEST DRIVE SURVEY RESULTS



(Continued)

Above: Chynna Reddix's EV testimonial is featured in the EV Roadshow recap video. Click here to watch!



Avondale, LA Roadshow participants show their new t-shirts from taking our survey!



Who said EVs don't have the horsepower? This Tesla owner in Abita Springs hauls his speedboat without a problem!



#DogsofEVs, Scout (below) and Fletcher (left), howled their love for EVs at NOLA's Roadshow stop!



Middle left: The Town of Abita Springs public parking includes (1) Tesla Destination charger and (1) Level 2 EV charger. Bottom left: Emily Federer showcases Port of New Orleans' XL Plug-In Hybrid F-150 at the Avondale Roadshow stop.

For additional EV Roadshow Resources, please visit our website:
<https://cleanfuelpartnership.weebly.com/louisiana-electric-vehicle-roadshow.html>.



C&S Wholesale Grocers Fleet & Driver Specifications

Fleet: Founded in 1918, C&S Wholesale Grocers is the largest wholesale grocery supply company in the U.S. and an industry leader in supply chain.

Driver: Louis Scaruffi

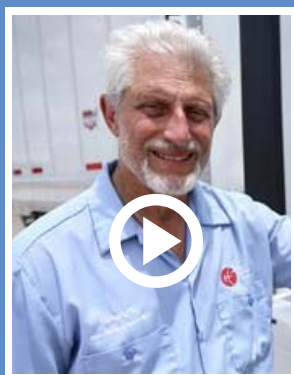
Years Driving: 42

Miles Driven: 3,200,000

Homebase: Hammond

Route Type: Out & back deliveries

Goods: Winn Dixie grocery goods



Click here to watch
Louis Scaruffi's
feature video from the
Run On Less event!

Equipment Specifications

Tractor: 2019 Volvo VNR, Day cab

Trailer: 53 ft Dry van or Reefer

Engine: Volvo D13 425 Hp and 1750 ft-lb

Transmission: 2 Speed I-shift Direct Drive

Axle Ratio: 2019 Volvo VNR, Day cab

Configuration: 6x4

Aero: Trailer skirts, Rear trailer fairing, Cab side extenders, Roof fairing, fuel tank skirts, Drive axle fairings

Other: ATIS, Active Cruise Control, Tire Inflation

For more information on NACFE's Run on Less Regional challenge participants, please visit <https://runonless.com>.

HAMMOND-BASED, C&S WHOLESALE GROCERS PARTICIPATES IN NACFE'S REGIONAL FREIGHT EFFICIENCY CHALLENGE!

The North American Council for Freight Efficiency (NACFE) shows that with the right technology and a skilled driver, it is possible to achieve MPG's far above those of the average fleet. The trucks and drivers who participated in NACFE's Run on Less Regional challenge hit an impressive average 8.3 miles per gallon for the three-week event, a significant improvement over the national average of 6.0 MPG.


Trucks from participating fleets — C&S Wholesale Grocers, Hirschbach, Hogan Transportation, J.B. Hunt, Meijer, PepsiCo, Ploger Transportation, Schneider, Southeastern Freight Lines, and United Parcel Service — saved 2750 gallons of fuel, \$8249, and 27.9 tons of carbon dioxide for just these 10 trucks over the course of 18 days. If all regional carriers reached this benchmark MPG, annualized potential savings would be over \$9 billion.



Over the 18-day demonstration period, Mr. Scaruffi logged:

	5,110 Total Miles
	50 Number of Deliveries
	44,626 Elevation Change (Ft)

Cumulatively, the ten participating fleets logged:

	103 Ton Miles per Gallon*
	58,633 Total Miles
	237 Number of Deliveries
	55 Av MPH
	24,679 Av Payload (lbs)
	1,372,009 Elevation Change (Ft)

*Ton Miles per Gallon= tons of freight moved per gallon of fuel

WHAT'S NEW IN 2020!

SLCFP's Electric Vehicle Expert Certification Program

The automotive market is rapidly evolving with electric vehicles (EVs) at the forefront. While EVs have increasingly become a popular choice among car buyers, major automakers are continuing to make commitments to produce more all-electric models and are investing millions of dollars in research and development into EV technology. To help prepare Southeast Louisiana's dealerships for the growing consumer and fleet demand of EVs, the Clean Fuel Partnership will be launching a free Electric Vehicle Expert Certification Program specifically designed to help local dealership sales associates increase their EV expertise.



The EV Expert Certification Program will be conducted in an interactive online platform so it can fit any schedule and learning pace. The program is divided into three main sections:

- Understanding the Global and Local EV Market
- Understanding the Differences between Types of EVs & Types of Charging Infrastructure
- Understanding the Benefits, Financial Incentives, and Other Considerations of EVs

As part of an exclusive cohort of EV dealer experts, certified sales associates will be well-equipped to assist potential EV buyers and will be featured on SLCFP's *Recommended EV Sales Associates* list on our website.

***Are you a dealer representative interested in enrolling in the EV Expert Certification Program?
Please send your contact information to slcfp@norpc.org.***

FHWA Issues Round 4 Solicitations for Alternative Fuel Corridors

The [Request for Nominations \(RFN\)](#) for Round 4 of the FAST Act Section 1413 Alternative Fuel Corridor Designation process has been issued by Federal Highway Administration. The deadline for this solicitation is COB **Wednesday, February 26, 2020**.

In accordance with 23 U.S.C. 151(a), corridor designations must identify near- and long-term needs for, and location of, electric vehicle (EV) charging, and hydrogen, propane, and natural gas fueling infrastructure at strategic locations along major national highways to improve the mobility of passenger and commercial vehicles that employ these technologies across the United States. Because of the rapidly evolving state of vehicle technology and infrastructure related to the use of alternative fuels, it is important to update the corridor networks on a continuing basis.

The logo consists of a blue rectangle with the words "ALTERNATIVE", "FUELS", and "CORRIDOR" stacked vertically in white, bold, sans-serif capital letters.

For more information on the Alternative Fuel Corridors program, please visit: www.fhwa.dot.gov/environment/alternative_fuel_corridors.

New Required Nozzle Offers Benefits for Propane



Starting on Jan. 1, 2020, a new "quick-release" Type K15 dispenser connector is now required on all new propane powered vehicles, according to the [National Fire Prevention Association \(NFPA\) Code 58](#). This connector allows for one-handed fueling and does not require gloves or a face shield. For vehicles with the ACME QCC screw-on connector, an adapter is available. For more information on the quick-release "Type K15" dispenser connector, visit www.afdc.energy.gov/fuels/propane_infrastructure.html.

UPCOMING WEBINARS

3 Tips for Successful Workplace EV Charging
January 21, 2020
12 PM CT
Host: ChargePoint

REGISTER HERE

Electric Vehicle Services for Commercial Properties
January 30, 2020
2 PM CT
Host: SemaConnect

REGISTER HERE

WEBINAR ARCHIVE

Alternative Fuels Tax Credit: What Next?
January 15, 2020
Host: NGV America

VIEW SLIDES HERE

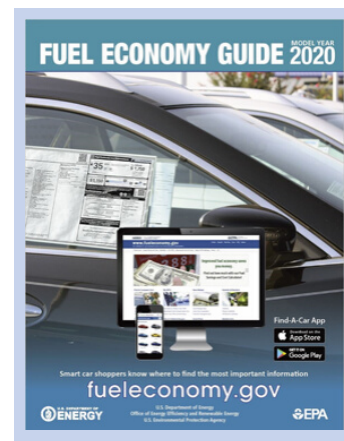


The Southeast Louisiana Clean Fuel Partnership is part of a network of almost 100 U.S. Department of Energy designated Clean Cities Coalitions nationwide. We provide education, technical assistance, funding information and other services to assist vehicle fleet managers and personnel incorporate cleaner 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.

NEW ALTERNATIVE FUEL RESOURCES

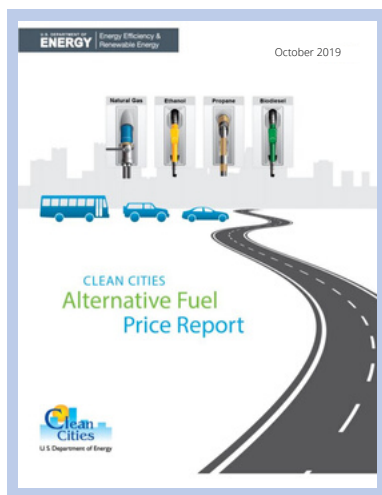
2020 Fuel Economy Guide

The U.S. Department of Energy (DOE) and the Environmental Protection Agency (EPA) have just released the [2020 Fuel Economy Guide](#). The Guide provides detailed fuel economy estimates for model year 2020 light-duty vehicles, along with estimated annual fuel costs and other information for prospective car buyers.



Clean Cities Alternative Fuel Price Report, October 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. For fleets considering the transition from conventional fuels, page 27 of the report shows historical prices of alternative fuels, relative to gasoline and diesel, from 2011 to the present.



Alternative Fuels Data Center Fact Sheet

The [Alternative Fuels Data Center \(AFDC\)](#) provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The site features a number of interactive tools, calculators, and mapping applications to aid in the implementation of these fuels, vehicles, and strategies. The AFDC functions as a dynamic online hub, enabling thousands of stakeholders in the transportation system to interact with one another.

