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)

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)

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<td>March 3-6, 2020</td>
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<td>Louisiana Clean Fuels Golf Classic</td>
<td>March 13, 2020</td>
<td>Gonzales, LA</td>
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<td>NAFA 2020 Institute &amp; Expo</td>
<td>April 6-8, 2020</td>
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<td>Advanced Clean Transportation (ACT) Expo</td>
<td>May 11-14, 2020</td>
<td>Long Beach, CA</td>
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EXHIBITORS

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**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.)

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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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  - 2019 WORLD GREEN CAR
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  - Louisiana Chemical Association
- GPS INSIGHT

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

[www.CleanFuelsSummit.com](http://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 SLCPF’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.
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.

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

**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.

**St. Bernard Parish:**  
Granted $24,000 for two (2) new light duty zero emission vehicle Level 2 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.

**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**

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.

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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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!”

(Continued)
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.

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!
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

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

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

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

Cumulatively, the ten participating fleets logged:

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

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

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

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

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.
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.

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.