

SOUTHEAST LOUISIANA
CLEAN FUEL PARTNERSHIP



PUTTING THE PIECES TOGETHER FOR CLEANER FUEL
A STRONGER ECONOMY - A HEALTHIER COMMUNITY

Clean Fuel Newsletter

July 2015

www.CleanFuelPartnership.org

Upcoming Events

[Click Here for Upcoming Webinars](#)

Green Bus Summit

July 29, 2015

Reno, Nevada

stnexpo.com/green-bus-summit.html

Enter code: CLEAN100 for \$100 off

Fleet Technology Expo

August 24-26, 2015

Long Beach, California

fleetechnologyexpo.com

Natural Gas Vehicle Conference & Expo

September 15-17, 2015

Denver, Colorado

ngvshow.cwcgroupevent.com

Energy Vision BioCNG Workshop

September 23, 2015

Shreveport, Louisiana

louisianacleanfuels.starchapter.com/meet-reg1.php?id=15

High Horsepower Summit

October 27-29, 2015

Dallas, Texas

www.hhpsummit.com

[New Clean Cities
Publication Available!](#)

Clean Fuel Partnership Recognizes 2014 Clean Fleet Leaders, Celebrates Reducing Traditional Fuel Consumption by over 2.9 Million GGEs: Nineteen fleets were recognized for including clean transportation in their operations and for their environmental stewardship based on their use of alternative fuels and technologies. [Read More](#)



Fleets, Regulatory Agencies, Fuel and Fleet Providers come together for the 2015 Louisiana Alternative Fuels Conference & Expo: Louisiana's largest, alternative fuels conference drew over 120 attendees to the Capital Park Welcome Center in downtown Baton Rouge in May. [Read More](#)

LAF 2015
Conference & Expo

TRS Question of the Month: How can my fleet improve gas mileage while driving this summer? Whether you are driving a long distance or around town, employ these no-cost ways to improve your fleet's fuel economy and save money on fuel in the summertime. [Read More](#)



Funding Opportunities



[Louisiana Clean Diesel Grant Program](#)

- Eligibility: Diesel Vehicles
- Availability: Applications accepted on an ongoing basis
- Grant Amount: \$204,659
- Contact: Gilberto Cuadra: (225) 219-3418/Gilberto.Cuadra@la.gov

[Clean Fuel Transition Fund for Public Fleets](#)

- Eligible Fleets: Public Fleets (A Public Entity must own the vehicles)
- Grant Amount:
 - 80% of the cost difference when purchasing a new vehicle fueled by an alternative fuel (natural gas, propane, electric or hybrid-electric).
 - 80% of the cost to convert an existing vehicle to an alternative fuel.
 - 80% of the cost of adding idle reduction technologies.
- Application Dates: Rolling application process
- Contact: Rebecca Otte: (504) 483-8513 / slcftp@norpc.org

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www.CleanFuelPartnership.org



Clean Fuel Partnership Recognizes 2014 Clean Fleet Leaders, Celebrates Reducing Traditional Fuel Consumption by over 2.9 Million GGEs

In 2014, Clean Fuel Partnership fleets eliminated the equivalent of 2.9 million gallons of gasoline through a variety of alternative fuels, fuel saving technologies, and innovative programs, a 58% improvement from the previous year. At our Clean Fleet Awards held on July 14, 2015, SLCFP recognized the fleets and organizations that contributed to the growth of alternative fuels and fuel saving projects & policies in our region.



Congratulations to our 2014 Clean Fleet Leaders!*

Paul Miller, Assistant Secretary of Energy at Louisiana Department of Natural Resources, and Patricia Nussbaum, Engineer 4/ Clean Cities Project Officer at LDNR, assisted with the recognition ceremony and travelled to the event in LDNR's bi-fuel compressed natural gas (CNG) vehicle.

Highlights from our 2014 Annual Report include:

- **Transit Buses & Biodiesel:** The **New Orleans Regional Transit Authority** saved over **1 million gasoline gallons equivalent (GGEs)** by implementing electric streetcars, biodiesel and hybrid buses, and an innovative tire inflation program that substantially improves fuel economy. Congratulations RTA for being the first ever fleet in Southeast Louisiana to reach the one million GGE reduction mark! **Jefferson Parish Transit** replaced the equivalent of over 7,500 gallons of gasoline and **Wood Resources** eliminated over 8,000 GGEs with the use of biodiesel.
- **Railroad Idle Reduction and Engine Right-Sizing:** Two of our railroads saved a significant amount of fuel in 2014. **New Orleans Public Belt's** locomotive idle reduction system reduced over 338,500 gallons of diesel fuel while **CSX Transportation's** switcher locomotive powered by a Gen-Set engine that adjusts power output based on load saved almost 9,000 gallons of diesel.



Paul Miller, LDNR Assistant Secretary for Energy and Patricia Nussbaum, LDNR Clean Cities Project Officer with LDNR's Bi-fuel, CNG vehicle





- Liquefied Petroleum Gas (LPG)/ Propane: **UPS** replaced over half a million GGEs by implementing propane vans. Propane vehicles in **Airport Shuttle's** and **Limousine Livery's** fleets reduced almost 80,000 GGEs in the passenger service sector.
- Compressed Natural Gas (CNG): **Metro Disposal** and **Progressive Waste** collectively replaced over 530,000 GGEs and reduced over 1,000 tons of greenhouse gas (GHG) emissions with their heavy-duty refuse trucks powered by CNG. **Dr. Pipe's** plumbing vans reduced over 40,000 GGEs and saved over 75 tons of GHG emissions. **Park 'n Fly's** CNG shuttles reduced over 31,000 GGEs and **Atmos Energy** replaced 1,725 GGEs with heavy-duty CNG vehicles.
- Hybrid & Electric Vehicles: **Coca-Cola Refreshments** employed hybrid trucks in its local delivery fleet, reducing the equivalent of almost 2,500 gallons of gasoline. **Jefferson Parish** included hybrid vehicles in their fleet, as did **Solar Alternatives**, a company that also installs electric vehicle chargers and employs two electric vehicles and one plug-in hybrid vehicle. Similarly, **Nissan North America** who recently hosted a SLCFP electric vehicle outreach event at one of their local dealerships eliminated over 4,500 GGEs in 2014 with 7 all-electric Nissan Leafs.
- Programs & Policies: By expanding the miles of bike lanes and encouraging the use of bicycles over vehicles, the **City of New Orleans** and the **Regional Planning Commission** (where the Clean Fuel Partnership is housed) reduced over 69,000 GGEs in 2014. The numbers, from the use of recently constructed dedicated bike lanes, were calculated with data collected by the University of New Orleans Transportation Institute under contract to the RPC. Future plans include continued expansion of the network across the region.

*Group Photo from Left to Right: Karen Parsons, Principal Planner, Regional Planning Commission; Paul Miller, Assistant Director of Energy, Louisiana Depart. of Natural Resources; Courtney Young, Clean Fuel Partnership Intern, Regional Planning Commission; Rebecca Otte, Clean Fuel Partnership Coordinator, Regional Planning Commission; Luis Lizama, Division Manager, Progressive Waste; Jan Schexnayder, Sales Representative & Marketing, Atmos Energy; Chase Verrett, Environmental Field Service Coordinator, CSX; Benjamin Francois, Contract Manager, Jefferson Parish Transit; Harold Goertz, Dealer Operations Manager, Nissan North America; Nancy Davis, Fixed Operations Manager, Nissan North America; Mike McMillan, VP of Mechanical, New Orleans Public Belt; Andre Menzies, Safety Manager, Metro Disposal; Glenn Woods II, Fleet Management Analyst, Metro Disposal; Christy Dirks, President and CEO, Limousine Livery; Aaron Dirks, VP Business Development, Limousine Livery; Patricia Nussbaum, Engineer 4 / Project Officer, Louisiana Dept. of Natural Resources; Brendan Matthews, Chief Maintenance Officer, Regional Transit Authority; President John Young, Jefferson Parish; Grant Estrade, Supervisor, Wood Resources; Jeff Cantin, President, Solar Alternatives





Congratulations to our 2014 SLCFP Clean Fleets!

Fleet Name	Fuel/ Technology/ Program
1,000,000 + GGEs Reduced	
RTA	Electric Streetcars, Biodiesel & Hybrid Buses Fuel Economy Improvements: Tire Inflation Program
100,000 + GGEs Reduced	
UPS	Biodiesel & Propane
New Orleans Public Belt Railroad	Idle Reduction Technology
Metro Disposal	Natural Gas
Progressive Waste	Natural Gas
10,000 - 100,000 GGEs Reduced	
RPC & the City of New Orleans	Bike Lane Program/ Reduction in Vehicle Miles Travelled
Airport Shuttle	Propane
Dr. Pipe	Natural Gas
Park 'n Fly	Natural Gas
Limousine Livery	Propane & Electric
Up to 10,000 GGEs Reduced	
CSX Transportation	Idle Reduction Technology
Wood Resources	Biodiesel
Jefferson Parish Transit	Biodiesel
Nissan Leaf	Electric
Coca-Cola	Hybrid Vehicles
Atmos Energy	Natural Gas
Solar Alternatives	Hybrid Vehicles & Electric
Jefferson Parish	Hybrid Vehicles



Fleets, Regulatory Agencies, Fuel and Fleet Providers come together for the 2015 Louisiana Alternative Fuels Conference & Expo

Louisiana's largest, alternative fuels conference drew over 120 attendees to the Capital Park Welcome Center in downtown Baton Rouge this past May. Hosted by Louisiana Clean Fuels in collaboration with the Southeast Louisiana Clean Fuel Partnership and sponsored by the Louisiana Department of Natural Resources, the 2015 Louisiana Alternative Fuels Conference & Expo featured 23 speakers including a keynote address by Penske's Director of Alternative Energy, Matt Krasney, a plenary session featuring Lieutenant Governor Jay Dardenne, and a plenary address by Steve Saltzgiver, Vice President of Fleet for Republic Services. The event also included an engaging exhibit hall, an outdoor vehicle expo and a ride-and-drive with an all-electric Nissan Leaf.



Participants discuss ways of incorporating clean fuels into transportation.



VIA Motors and Ninja Snowballs team up with the power of electricity!

In breakout sessions, industry specialists and experienced fleet managers provided practical insights to implementing clean fuel projects. The event covered a wide array of alternative fuel options including electric vehicles (EVs), propane, compressed and liquefied natural gas (CNG and LNG, respectively), and biofuels as well as included information from the Propane Education Research Council, the Louisiana Joint Emergency Services Training Center, and NGV Solutions on alternative fuel safety training. Jeff Esfeld,

Director of National Fleet Sales and Business Development for VIA Motors, made a spectacle when his all-electric van powered the Ninja Snowballs food truck - lights, air conditioning, radio, television, ice machine and all!

Thank you to the generous sponsors who made the event possible including the Louisiana Department of Natural Resources, Republic Services, Atmos Energy, Solar Alternatives, CleanFuel USA, AmeriGas, and VIA!

To view additional photos from the conference or for information on Louisiana clean transportation projects and upcoming events, please visit the Southeast Louisiana Clean Fuel Partnership website: cleanfuelpartnership.org.



Left: Steve Saltzgiver stands by a sparkling Republic Services waste disposal truck powered by CNG. Right: SLCFP Coordinator Rebecca Otte with Paul Miller and Patricia Nussbaum from Louisiana Department of Natural Resources.





TRS Question of the Month: How can My Fleet Improve Gas Mileage While Driving this Summer?



Whether you're driving a long distance or around town, employ these no-cost ways to improve your fleet's fuel economy and save money on fuel in the summertime.

You may notice an increase in your fuel economy as the weather gets warmer. This is because vehicle engines, transmissions and other components take less time to warm up and summer gasoline blends can have slightly more energy per gallon than winter blends. However, if you use your air conditioning (AC) a lot or drive with the windows down, you might actually see your fuel economy drop.

AC is the main contributor to reduced fuel economy in the summertime. In fact, using the AC can reduce a conventional vehicle's fuel economy by as much as 25%, even more if you are driving a plug-in electric vehicle (PEV). Driving with the windows down can also reduce fuel economy due to greater aerodynamic drag (wind resistance) on the vehicle. Though this has a small effect on fuel economy, aerodynamic drag is more apparent when driving at the highway speeds typical for longer distances.

The following tips can help your fleet use the AC more efficiently and therefore improve fuel economy in the summer:

- **Read the owner's manual** for detailed information on how the vehicle's AC system works and how to use it efficiently.
- **Park vehicles in shady areas** or use a sunshade to keep the interior from getting too hot.
- **Do not use the AC more than needed.** If you need to use the AC, avoid using the "max" setting for extended periods.
- **When driving at high speeds, use the AC instead of rolling down the windows.** If the vehicle is too hot, lower the car windows to expel hot air for the first few minutes. Once the hot air has left the vehicle, switch to using the AC.
- **Avoid excessive idling.** Idling can use a quarter to half a gallon of fuel per hour, and more if the AC is on. Do not idle the vehicle to cool it down before a trip; most AC systems actually cool the vehicle faster while driving.
- **PEV owners, pre-cool your vehicle with the AC while still plugged in.** Since PEVs use battery power to provide AC, it can drain the vehicle's batteries and reduce the vehicle's overall range. If you need to use the AC to cool down your PEV, try to do so while the vehicle is still charging.

The following tips should be used year-round to improve fuel economy:

- **Use cruise control** while driving on highways to maintain a consistent speed and conserve fuel.
- **Remove unnecessary weight from the vehicle.** Vehicles with heavier loads tend to have reduced fuel economy. An additional 100 pounds in your vehicle can reduce fuel economy by 1%.
- **Avoid transporting cargo on the rooftop of the vehicle.** Traveling with cargo on the roof increases wind resistance and can significantly lower your fuel economy. Rear-mounted cargo has a much smaller effect on fuel economy than rooftop cargo.





- **Avoid aggressive driving.** Aggressive driving (speeding, quick acceleration and heavy braking) can reduce fuel economy by as much as 33% at highway speeds and 5% at city speeds. This informational MotorWeek MPG Test video shows real-world effects of aggressive driving on fuel economy: www.youtube.com/watch?v=4zWXwqqqHm0.



**Vehicle tracking software
can help inform fleet
managers about driver
behavior.**

- **Ensure tires are properly inflated.** Tires that are not inflated to the proper pressure can reduce fuel economy by 0.3% for every one pound per square inch (PSI) drop in pressure in all of the tires. Having your tires inflated to the proper pressure is also safer and can help tires last longer.
- **Pay attention to the speed limit.** Not only is this a safe practice, but gas mileage tends to decrease when driving at speeds above 50 miles per hour.

For more information on how to improve your fuel economy, please refer to the following FuelEconomy.gov websites:

- Fuel Economy in Hot Weather - www.fueleconomy.gov/feg/hotweather.shtml.
- Gas Mileage Tips - www.fueleconomy.gov/feg/drive.shtml.
- Keeping Your Vehicle in Shape - www.fueleconomy.gov/feg/maintain.jsp.

**Information provided by:
Clean Cities Technical Response Service Team
technicalresponse@icfi.com
800-254-6735**



New Clean Cities Publications Available

Please Note: Publication notices are provided for informational purposes only. Neither the Southeast Louisiana Clean Fuel Partnership nor the Regional Planning Commission is responsible for the information presented in the announcements, webinars, conferences or publications themselves. Please contact hosts for additional information on specific publications.

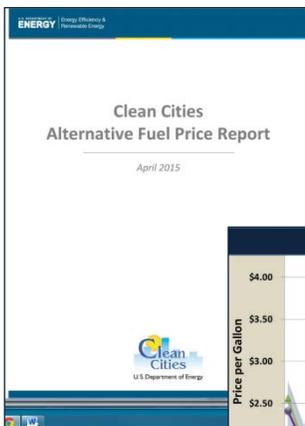
[New Fuels Fix Available!](#)

Fuels Fix, produced by the nationwide network of Clean Cities Coalitions, highlights fleets that have successfully executed clean transportation projects and provides technical information and resources for fleets interested in exploring clean transportation options. The **Fuels Fix Summer 2015 Edition** includes articles on:

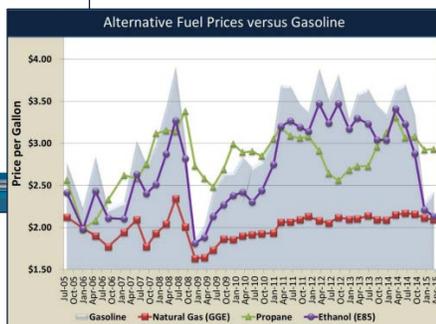
- [2015 Louisiana Alternative Fuels Conference & Expo \(pg. 20\)](#)
- Lightning Hybrids: On a Roll (pg. 14)
- Superior Transportation Solutions Releases Tri-Fuel Vehicle Series (pg. 18)
- Banking on Success: Bank of Utah promotes Idle Reduction (pg. 29)
- Question of the Month: Improving Fuel Economy for
- Summer Drivers (pg. 16)
- Clean Cities TV (pg. 22)



[U.S. Department of Energy Fuel Report](#)



The **Clean Cities Alternative Fuel Price Report** is a quarterly report designed to keep Clean Cities stakeholders up to date on the prices of alternative and conventional fuels in the U.S. The most recent **Alternative Fuels Price Report, April 2015** summarizes prices submitted between April 1 and April 15, 2015, by Clean Cities coordinators, fuel providers, and other Clean Cities stakeholders. Beginning with this issue, a number of changes are being implemented to



enhance the report and make it more user-friendly including:

- A more user-friendly format
- Revised energy content values to be consistent with the latest edition of the Transportation Energy Data Book
- Creation of a system to allow users to create customizable on-line reports (in the works)



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.