

## **CLEAN CITIES RECOVERY ACT AWARDS FOR ALTERNATIVE AND ADVANCED VEHICLES**

**North Central Texas Council of Governments' *North Central Texas Alternative Fuel and Advanced Technology*.** The project will deploy refueling stations and alternative fuel vehicles in the Dallas-Fort Worth area. The project includes a portfolio of different technologies and fuels, including B20 (three stations), ethanol E85 (three stations), compressed natural gas (three stations and 97 vehicles), electricity (four recharging sites and 34 vehicles), and 251 hybrid electric vehicles. In addition to the city fleets, high mileage and high visibility fleets are included, such as Coca-Cola, Sysco, Frito Lay, school districts, and taxis. DOE estimates that this project will help displace approximately 1.3 million gallons of petroleum annually.

*Total DOE award: \$13,181,171*

**South Coast Air Quality Management District's *UPS Ontario-Las Vegas LNG Corridor Expansion Project*.** The project will complete a long-planned regional liquid natural gas (LNG) fueling corridor across the southwestern U.S., making the final connection between the existing public access LNG fuel infrastructure in Southern California and the LNG fuel stations being developed in Utah. The project will provide a 700-mile LNG fueling corridor along one of the nation's most heavily traveled truck routes for the movement of various goods. UPS will construct a publicly-accessible LNG fuel station off of Interstate 15 in Las Vegas and deploy 48 heavy-duty LNG vehicles in its interstate alternative fuel operations. The new LNG station will support these 48 trucks, an additional 161 LNG trucks in UPS' fleet, and other LNG fleet operators in the region. DOE estimates that the 48 trucks alone will help displace approximately 1.25 million gallons of petroleum annually.

*Total DOE award: \$5,591,611*

**South Coast Air Quality Management District's (SCAQMD) *Heavy-Duty Natural Gas Drayage Truck Replacement Initiative*.** The project will replace 180 diesel drayage trucks at the Ports of Los Angeles and Long Beach with LNG trucks. Additionally, workshops will be made available to truck operators and technicians working on LNG trucks. The final element of this application is an education/outreach component for alternative fueled vehicles that will be deployed by the Southern California Association of Governments Clean Cities Coalition and the SCAQMD. DOE estimates that the project will help displace an estimated 1.8 million gallons of petroleum annually.

*Total DOE award: \$9,408,389*

**San Bernardino Associated Governments' *J.B. Hunt LNG Truck Project: Made in America Initiative*.** The project will deploy 262 heavy-duty LNG trucks in Southern California and construct two LNG refueling stations in San Bernardino and South Gate (South Los Angeles) to support J.B. Hunt's initial LNG truck operations, and will allow the fleet to add additional LNG vehicles in the future. DOE estimates that the 262 LNG trucks will help displace more than 2.6 million gallons of petroleum annually.

*Total DOE award: \$9,950,708*

**Maryland Energy Administration's *Maryland Hybrid Truck Goods Movement Initiative*.** The project will implement the largest collaborative hybrid truck project in the nation. The initiative

will provide financial and technical assistance to many large fleets including: ARAMARK, Efficiency Enterprises, Nestle Water Company, Sysco, and UPS to purchase 150 hybrid electric vehicles. This initiative demonstrates and promote of the feasibility of alternative fuel sources, education and public outreach, and reduction of pollution/emissions. DOE estimates that the project is estimated to help displace 461,400 gallons of petroleum annually.

*Total DOE award: \$5,924,190*

**New York State Energy Research and Development Authority (NYSERDA)**'s *Statewide Alternative Fuel Vehicle Program for CNG, LPG, EV, and HEV Vehicles and Fueling Stations Initiative*. The project will utilize multiple alternative fuels and technologies in multiple sectors across the state. Alternative fuel and/or hybrid school buses, municipal vehicles, urban delivery, and utility vehicles will be deployed throughout the state. The fleets include two utility fleets, five cities and towns, three counties, ten private companies, two state fleets, ten school districts, and two universities. The vehicles will be deployed across the state. The accurate and reliable data collected from the use of these vehicles will provide NYSERDA and DOE insight on how these alternative technologies operate in diverse conditions. DOE estimates that the initiative will help displace 302,000 gallons of petroleum per year.

*Total DOE award: \$13,299,101*

**Clean Fuels Ohio**'s *Ohio Advanced Transportation Partnership (OATP)*. The project will include the purchase and conversion of 283 alternative fuel vehicles for numerous fleets including taxis, cities, schools, and delivery vehicles. In addition to the alternative fuel vehicles, 15 alternative fueling and service stations will be constructed. The project will be supported with public education and outreach programs. DOE estimates that the project will help displace more than 875,000 gallons of petroleum annually.

*Total DOE award: \$11,041,500*

**Utah Clean Cities Coalition**'s *Clean Cities Transportation Sector Petroleum Reduction Technologies Program*. The initiative includes 16 new compressed natural gas (CNG) public fueling facilities, upgrades to 24 CNG public fueling facilities, three new liquid/compressed natural gas facilities, three new biodiesel public refueling stations, and increases the number of natural gas vehicles operating in Utah by 678. DOE estimates that this initiative will help displace 1.1 million gallons of petroleum annually.

*Total DOE award: \$14,908,648*

**Clean Energy Coalition**'s *CEC Michigan Green Fleets Initiative*. The project will increase the use of natural gas, electric and hybrid electric vehicles in 13 sites throughout Michigan. A total of 271 alternative fuel vehicles and 19 alternative fueling sites will be added throughout the state. Fleets include transportation authorities, cities, school districts, the University of Michigan, FedEx, and Meijer. DOE estimates that a wide variety of viable vehicles and technologies will help lead to the displacement of 1.3 million gallons of petroleum per year.

*Total DOE award: \$14,970,144*

**Railroad Commission of Texas**' *Texas Propane Fleet Pilot Program*. The project will deploy 882 propane vehicles, including 245 propane school buses, 24 medium-duty propane trucks and vans, and 613 propane-fueled light-duty vehicles for 40 school districts and public agencies. To

support the vehicles, 35 propane refueling stations will be constructed. The stations will allow the fleets to lower their costs by buying fuel in bulk, access federal motor fuel excise tax credits, refuel at the times most convenient to their schedules, and model successful use of propane to nearby peers. DOE estimates that these projects will help displace more than three million gallons of petroleum annually.

*Total DOE award: \$12,633,080*

**City of Chicago, Department of Environment's Chicago Area Alternative Fuels Deployment Project.** The project will deploy 554 alternative fuel and hybrid electric vehicles and install 153 alternative fueling and electric vehicle charging stations throughout the Chicago region. The initiative also includes garbage trucks, also known as refuse collection vehicles. The project will result in expanded availability of alternative fuels with 17 new CNG and E85 fueling stations and 63 electric vehicle charging stations. DOE estimates that the project will help displace 3 million gallons of petroleum per year.

*Total DOE award: \$14,999,658*

**Puget Sound Clean Air Agency's Puget Sound Clean Cities Petroleum Reduction Project.** The project will expand the use of alternative fuel and advanced vehicle technology to create a regional sustainable market for renewable alternative fuels with the lowest lifecycle emissions, such as biogas made from waste products and solar energy, to power electric vehicles; enhance the local economy; and elevate public awareness through innovative outreach campaigns designed to reach an unprecedented audience of over 30 million people per year. DOE estimates that the project will help displace three million gallons of petroleum per year.

*Total DOE award: \$14,999,927*

**Texas State Technical College's Development of a National Liquid Propane (Autogas) Refueling Network, Clean School Bus/Vehicle Incentive & Green Jobs Outreach Program.** The project will result in the development of approximately 184 liquid propane Autogas refueling stations in the following major metropolitan areas: Atlanta, Chicago, Houston, Denver, Sacramento, Los Angeles, Dallas, Phoenix, Indianapolis, Seattle, Orlando, San Diego, St. Louis, San Antonio/Austin, and Oklahoma City as well as a refueling corridor along I-10 in Louisiana (New Orleans, Baton Rouge, Lake Charles). The initiative will also support the purchase of dedicated propane school buses and vehicles and, provide an innovative outreach program designed specifically to retrain and certify U.S. veterans and out of work or at risk service technicians for work in the alternative fuel and advanced vehicle technology industries. DOE estimates that the initiative will help displace more than 3 million gallons of petroleum annually.

*Total DOE award: \$12,299,828*

**New Jersey Clean Cities Coalition's New Jersey Compressed Natural Gas Refuse Trucks, Shuttle Buses and Infrastructure.** The project will deploy 277 heavy-duty natural gas garbage trucks and shuttle buses and four new CNG fueling stations throughout Newark, Camden, Trenton, Atlantic City, and Egg Harbor Township. The initiative also includes projects to educate the public about the benefits of using clean burning, domestically produced natural gas in vehicles. DOE estimates that the project will help displace 1.8 million gallons of petroleum annually.

*Total DOE award: \$14,997,240*

**Greater Long Island Clean Cities Coalition's Long Island Regional Energy Collaborative Promoting a Green Economy through Clean Alternatives.** The project will deploy five CNG stations and 87 heavy-duty trucks throughout Nassau and Suffolk counties. The alternative fuel stations will be accessible to the public and include the installation of five new compressed natural gas fueling stations. The proposed 87 alternative fuel vehicles include: 44 CNG refuse trucks, 40 heavy-duty CNG dump trucks, and three heavy-duty CNG trucks. DOE estimates that the project will help displace 351,000 gallons of petroleum annually.  
*Total DOE award: \$14,994,183*

**DeKalb County's DeKalb County/Metropolitan Atlanta Alternative Fuel and Advanced Technology Vehicle Project.** The project will convert local landfill gas (LFG), a renewable fuel source, to compressed natural gas and develop five CNG fueling stations throughout the metro-Atlanta area. The project also includes construction of a B20 station. Team partners will purchase a total of 191 commercially available light- to heavy-duty alternative-fuel and advanced-technology vehicles. DOE estimates that the project will help displace 490,000 gallons of petroleum annually.  
*Total DOE award: \$14,983,167*

**Virginia Department of Mines, Minerals and Energy's Paving the Way with Propane: The AutoGas Corridor Development Program.** The project is aimed at building the infrastructure to encourage public and private vehicle operators to convert existing vehicles from conventional gasoline to clean propane. The initiative includes 17 new propane fueling stations along high traffic roadways from Washington, D.C. to Florida to Mississippi to create the nation's first propane corridor. DOE estimates that the initiative will help displace 3.9 million gallons of petroleum annually.  
*Total DOE award: \$8,605,100*

**State of Wisconsin's Wisconsin Clean Transportation Program.** The project will deploy 502 alternative fuel and advanced technology vehicles through 119 public and private fleets throughout the state. The program includes the installation of 10 alternative fuel refueling sites (two B20, one Electric Recharging, and seven CNG). DOE estimates that the initiative will help displace 1.6 million gallons of petroleum annually.  
*Total DOE award: \$15,000,000*

**Southern CA Assoc. of Governments Clean Cities Coalition's Expanding California's E85 Ethanol Fueling Infrastructure.** The project will add 55 E85 fueling stations throughout California. The stations will be placed in the areas with the highest concentration of flex-fuel vehicles. DOE estimates that the initiative will help displace approximately 3.5 million gallons of petroleum annually.  
*Total DOE award: \$6,917,200*

**The Treasure Valley Clean Cities Coalition's Idaho Petroleum Reduction Leadership Project.** The project will replace 28 heavy-duty diesel refuse trucks with CNG trucks. A CNG fueling station will be constructed at 2 of the recipient's, Allied Waste, locations. Allied Waste will conduct two outreach campaigns to encourage other fleet operators and the public to use CNG

and other alternative fuel vehicles. DOE estimates that the initiative will help displace 255,000 gallons of petroleum annually.

*Total DOE award: \$5,519,862*

**Metropolitan Energy Information Center's Midwest Region Alternative Fuels Project.** The project will include 27 alternative fuel stations (16 CNG, 7 B20/E85, one B20, three Electric Charging) and deploy 373 alternative fuel and advanced technology vehicles (235 CNG, 58 HEV, two LPG, two EV). The stations will provide additional CNG fueling in cities and along the Interstate corridors that pass through Kansas City – East to West on I-70 and North to South on I-35. Additionally, an extensive public awareness program will expand the interest and adoption of alternative fuels and advanced vehicle technology in the Midwest region. DOE estimates that the initiative will help displace 548,000 gallons of petroleum.

*Total DOE award: \$14,999,905*

**Greater New Haven Clean Cities Coalition, Inc.'s Connecticut Clean Cities Future Fuels Project.** The project will deploy multiple fuels and technologies. Vehicles to be deployed include 163 CNG, the vast majority for high mileage taxis and 18 heavy-duty LNG refuse trucks. Infrastructure to be deployed includes three CNG stations, one combined B20/CNG/Electric station, one L/CNG station, one hydrogen station, and seven electric chargers. DOE estimates that the initiative will help displace 1.4 million gallons of petroleum annually.

*Total DOE award: \$13,195,000*

**State of Indiana's: Central Indiana Clean Cities Alliance Comprehensive Alternative Fuels Implementation Plan.** The project will implement propane, compressed natural gas, and hybrid vehicles from light- to heavy-duty and includes infrastructure for CNG and E85 vehicles. The fleets involved include the state's municipality fleets, Sysco Distribution, and others. This project incorporates more than 900 alternative fuel vehicles and 13 fueling sites. DOE estimates that the initiative will help displace one million gallons of petroleum annually.

*Total DOE award: \$10,125,000*

**Kentucky Clean Fuels Coalition's Hybrid Electric School Buses Provide New Horsepower for Kentucky.** The project will replace 190 older diesel school buses with hybrid electric school buses to be used in school districts throughout Kentucky. The initiative also includes technical training programs and educational outreach. DOE estimates that the project will help displace 122,000 gallons of petroleum annually.

*Total DOE award: \$12,980,000*

**Triangle J Council of Governments' Carolinas Blue Skies & Green Jobs Initiative.** The project will include vehicles and fueling infrastructure for electric, hybrid-electric, compressed natural gas, propane, E85, and biodiesel fuels and technologies to be deployed throughout North Carolina and South Carolina. The project includes 45 E85 and B20 stations, eight propane stations, and 132 electric vehicle recharging sites. New vehicles to be deployed include 55 CNG vehicles, 363 propane vehicles, 89 hybrid electric vehicles, and 56 neighborhood electric vehicles. DOE estimates that the initiative will help displace 724,000 gallons of petroleum annually.

*Total DOE award: \$12,975,388*

