

National Idling Reduction Network News

October 2012

SOLICITATIONS FOR FUNDING AND AWARDS

[Brown text indicates a new entry since last month.]

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Bay Area Air Quality Management District (BAAQMD)	Carl Moyer Memorial Air Quality Standards Attainment Program	~\$15 million	First come, first served.	http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8
San Diego County Air Pollution Control District (SDAPCD)	Carl Moyer Program	\$2.2 million	First come, first served.	http://www.sdapcd.org/homepage/grants/grants.html
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf
Illinois Environmental Protection Agency (EPA)	Illinois Clean Diesel Grant Program	\$294,517	Rolling deadline until funds are awarded.	http://www.illinoisgreenfleets.org/
Illinois EPA	Illinois Clean Diesel Grant Program—school buses only	\$1 million annually through 2016	Rolling deadline until funds are awarded.	http://www.illinoisgreenfleets.org/
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000	Rolling deadline until funds are awarded.	http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html
Metropolitan Washington Council of Governments (COG), in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment	Driver Recognition Program—Diesel Idle Reduction Campaign	N/A	Rolling deadline—the 15th of every month.	http://www.turnyourengineoff.org/campaign_recognition.html
Utah Department of Environmental Quality	Utah Clean Diesel Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.cleandiesel.utah.gov/

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Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	N/A	http://www.adeq.state.ar.us/poa/sba/envloans.htm
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	~\$18.7 million	N/A	http://www.californiahvip.org/
Wisconsin Department of Natural Resources	Wisconsin Clean Diesel Grant Program	~\$193,000	November 9, 2012	http://dnr.wi.gov/Aid/CleanDiesel.html
Kentucky Department for Environmental Protection, Division for Air Quality	Kentucky Clean Diesel Program	\$135,000	November 14, 2012	http://air.ky.gov/Pages/KentuckyCleanDieselGrantProgram.aspx
Oklahoma Department of Environmental Quality	Oklahoma Clean Diesel Program	\$294,051	November 15, 2012	http://www.deq.state.ok.us/AQDnew/cleandiesel/dera7.html
U.S. EPA	Environmental Education Regional Grants Program	~\$2.16 million	November 21, 2012	http://www.epa.gov/education/grants/index.html
Texas Commission on Environmental Quality (TCEQ)	Emissions Reduction Incentive Grants (ERIG) Program	\$40 million	November 30, 2012	http://www.tceq.texas.gov/airquality/terp
Michigan Department of Environmental Quality	Michigan Clean Diesel Grant Program	~ \$200,000	December 3, 2012	http://www.michigan.gov/documents/deq/deq-oea-micdi-dera-rfp_363514_7.pdf
Indiana Department of Environmental Management	DieselWise Indiana	~\$800,000 for northern Indiana, ~\$220,000 for state	December 14, 2012	http://www.in.gov/idem/5255.htm
Mississippi Department of Environmental Quality	Mississippi Diesel Emissions Reduction Grant Program	N/A	December 19, 2012	http://www.deq.state.ms.us/MDEQ.nsf/pdf/Air_DERA201213Application/\$File/DERA%202012-13.pdf?OpenElement
Pennsylvania Department of Environmental Protection (DEP)	Pennsylvania Clean Diesel Grant Program	\$177,611	December 19, 2012	http://www.paenvironmentdigest.com/newsletter/default.asp?NewsletterArticleID=23798

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
New York State Energy Research and Development Authority (NYSERDA)	New York State Clean Air School Bus Program, Round 3	~\$2.6 million	December 28, 2012	http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-1896-New-York-State-Clean-Air-School-Bus-Program.aspx
U.S. EPA	2013 Environmental Justice Small Grants	\$1.5 million	January 7, 2013	http://www.epa.gov/environmentaljustice/grants/ej-smgrants.html

REGULATORY NEWS

Fort Worth Joins Texas Communities Restricting Idling

The City of Fort Worth, Texas, has joined 27 of its neighbors in the enforcement of the Texas Commission on Environmental Quality's (TCEQ) idling restriction. The rule, which is in effect year round, sets a 5-minute limit on idling of gasoline- or diesel-powered vehicles with a gross vehicle weight rating of 14,000+ pounds.

The TCEQ idling rule includes a number of exemptions, including trucks with "low NOx" engines (a 2008 or newer engine certified to emit no more than 30 grams of nitrogen oxides per hour). The rule also exempts trucks that are idling to provide heat or air conditioning for drivers during federally

mandated rest periods, if the truck is not within 2 miles of a facility offering off-board HVAC connections.

The goal of TCEQ's idling rule is to improve air quality in Dallas and throughout the nine-county ozone nonattainment region. For more information, please go to <http://www.nctcog.org/trans/air/programs/idling/index.asp>. The link [http://info.sos.state.tx.us/pls/pub/readtac\\$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=114&sch=J&div=2&rl=Y](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=114&sch=J&div=2&rl=Y) contains the text of the law.

AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
American Lung Association	EPA Clean Diesel National Funding Assistance Program	Retrofit of 48 school buses with diesel particulate filters, retrofit of 7 locomotives with idling reduction devices, and the repower of 1 switcher locomotive (in Illinois, Indiana, and Michigan)	\$1.2 million
Colorado Department of Public Health and Environment	EPA Clean Diesel National Funding Assistance Program	Retrofit of approximately 186 diesel school buses with diesel oxidation catalysts, crankcase filtration systems, and fuel-operated heaters	\$700,000

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Leonardo Academy	EPA Clean Diesel National Funding Assistance Program	Repower of 4 diesel engines, replacement of 23 vehicles with alternatively fueled options, and retrofit of 23 vehicles with diesel particulate filters and heaters (in Illinois, Indiana, Michigan, and Minnesota)	\$1.6 million
New Mexico—City of Albuquerque, Department of Aviation	EPA Clean Diesel National Funding Assistance Program	Replacement of 17 belt loaders and 23 baggage tractors with electric ground support equipment	\$600,697
South Carolina Department of Health and Environment	EPA Clean Diesel National Funding Assistance Program	Diesel emissions reduction projects, including the installation of 30 truck stop electrification (TSE) spaces	\$2.07 million

UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month.]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Public Workshop To Discuss Proposed Updates to Proposition 1B: Goods Movement Emission Reduction Program Guidelines	Sacramento, California—November 6, 2012 (also webcast) Long Beach, California—November 7, 2012 Fresno, California—November 8, 2012		http://www.arb.ca.gov/bonds/gmbond/gmbond.htm
CARB 520: How To Comply with CARB Diesel Regulations	Sacramento, California	November 8, 2012	http://www.arb.ca.gov/training/courses.php?course=520
Society of Automotive Engineers (SAE) Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 31–February 1, 2013	http://www.sae.org/events/gim/
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2013	http://www.calstart.org/Events/CALSTART-Events/Green-Truck-Summit.aspx
2013 Mid-America Trucking Show	Louisville, Kentucky	March 21–23, 2013	http://www.truckingshow.com/
Government Fleet Expo & Conference (GFX)	San Antonio, Texas	June 10–12, 2013	http://www.governmentfleetexpo.com/
Alternative Clean Transportation (ACT) Expo	Washington, D.C.	June 24–27, 2013	http://www.actexpo.com/index.html

ELECTRIFIED PARKING SPACES

Shorepower: New Site, Free Adaptor Kits, and Free Service

White's Travel Center in Raphine, Virginia, is the latest truck stop to be equipped with Shorepower electrification pedestals. According to travel center owner Mr. Bobby Berkstresser, full use of the power pedestals for the heating alone of drivers' cabs/sleepers would reduce fuel consumption by nearly 54,000 gallons annually.

The installation at White's Travel Center also provides 480-volt power for diesel-electric hybrid refrigerated trailers ("reefers"). Thirteen other Shorepower sites—in Alabama, Arizona, California, Colorado, Kansas, Maine, Missouri, New Mexico, North Carolina, South Carolina, Texas, and

Utah—currently provide reefer service as well. Of the 50 slated Shorepower Truck Electrification Project (STEP) sites, 31 will provide 480-volt service.

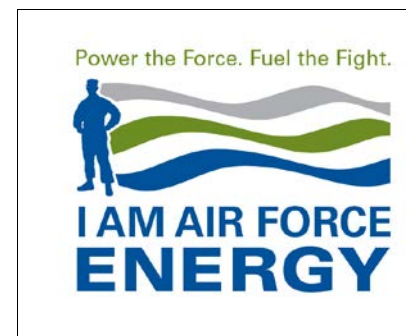
White's Travel Center is the 29th U.S. truck stop to install TSE equipment through STEP, a project funded by the U.S. Department of Energy (DOE) and administered by Cascade Sierra Solutions. Shorepower is offering free adaptor kits and free service at participating locations through January 31, 2013. Those interested should call (888) 841-3137. For more information, please see <http://www.the-step-project.org/>.

EDUCATION, OUTREACH, AND CAMPAIGNS

USAF's Energy Campaign Encourages Idling Reduction

In September 2012, the U.S. Air Force (USAF) announced a new campaign, "I Am Air Force Energy." The proclamation signed by the USAF's Secretary, Chief of Staff, and Chief Master Sergeant states, "As energy consumers, we can impact the Air Force's fuel and electricity use every day—by flying our aircraft at energy efficient altitudes, not letting vehicles or equipment idle, or simply turning off the lights." It says that while energy spending will consume a significant portion of the USAF budget—\$10 billion, or almost 10%—the issues extend beyond the financial: "There are also mission support risks associated with dependence on foreign sources of energy and unnecessary energy consumption."

"I Am Air Force Energy" is an initiative of the Air Force Energy Program. For more information about USAF's energy initiatives, please go to



<http://www.af.mil/energyinitiatives/index.asp>. The text of the USAF proclamation is available at <http://www.af.mil/shared/media/document/AFD-121001-014.pdf>. (Image courtesy of the U.S. Air Force.)

OTHER NEWS OF INTEREST

Idle Threat: The Movie

If you haven't heard about George Pakenham, New York City's anti-idling crusader, since the June 2009 *New Yorker* write-up (http://www.newyorker.com/talk/2009/05/18/090518ta_talk_mcgrath), it's because he's been busy making a movie. About idling.

Idle Threat, which premiered at the Woodstock Film Festival on October 11, documents the Verdant Vigilante's quest to reduce vehicle idling in the nation's largest city. By his own account, Mr. Pakenham has approached and engaged about 3,000 idling drivers. He starts with, "Excuse me for bothering you, but are you aware that it's against the law to idle your car engine for more than 3 minutes?" He then tells the driver about New York City's idling law and offers a card documenting the law and fines. In about 5 years of idle encounters, Mr. Pakenham says that he's been on the receiving end of "the F bomb" only about a half-dozen times.

Mr. Pakenham, who works as a Wall Street banker, says an idling stretch limo near his residence catalyzed his interest in the problem. He began approaching idlers, but only when an apparent limo driver who was actually an undercover police officer told him that there was a *law* against idling did he realize he'd become an inadvertent vigilante law enforcer. When Mr. Pakenham researched the law and fine structure—New York City limits idling to 3 minutes (and, since 2009, only 1 minute in school zones)—he learned that the law is rarely enforced. Mr. Pakenham advocates for both driver awareness and greater enforcement of the idling law.



Meira Blaustein, Woodstock Film Festival Executive Director, chose *Idle Threat* as one of five of this year's "don't miss" festival films. For more information, including a link to the *Idle Threat* trailer, please go to <http://www.idlethreatmovie.com/>. (Photo: Courtesy of George Pakenham.)

EPA To Update Guidance on SmartWay Partners' Data Collection

In response to the EPA's Office of the Inspector General's (OIG) report, *EPA Could Improve the SmartWay Transport Partnership Program by Implementing a Direct Data Verification Process*, the EPA's Office of Air and Radiation is developing an initiative to better ensure the validity of self-reported partner data. The five-step process will be in place by the end of 2013.

In its report, the OIG noted that while the agency's Office of Transportation and Air Quality (OTAQ) performs some checks on data submitted by

SmartWay participants, these data are not independently verified. The OIG recommended that the agency implement measures to verify the accuracy of the self-reported data to protect the integrity of the SmartWay program.

SmartWay is a voluntary program to improve fuel efficiency and reduce environmental impacts attributable to freight transport. The program seeks to provide clear, reliable information on technologies that promote fuel efficiency and incentives to adopt them. The EPA OIG report is available at <http://www.epa.gov/oig/reports/2012/20120830-12-P-0747.pdf>.

RECURRING FEATURES

Currently Available Idling Reduction Equipment

The Alternative Fuels Data Center (AFDC) of the U.S. DOE's Office of Energy Efficiency and Renewable Energy (EERE) identifies manufacturers of idling reduction equipment and provides links to their websites. More information is available at

http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html. For EPA-verified idling reduction technologies in eight categories, please visit EPA's SmartWay Transport website at <http://www.epa.gov/smartway/technology/idling.htm>.

Status of the 400-Pound Weight Exemption for Idling Reduction Devices

[Ed. note: The Energy Policy Act of 2005 allowed for a national 400-pound exemption for the additional weight of idling reduction technology on heavy-duty vehicles. On October 1, 2012, Moving Ahead for Progress in the 21st Century (MAP-21) became law, increasing this weight allowance from 400 lb to 550 lb. Each state can adopt this exemption, at its own discretion. We are not aware of any states that have increased the weight allowance to 550 lb. If you have information about planned or enacted changes, please

send a message to idlingreduction@anl.gov so that we may share the news with our readers.]

The following table is updated as we become aware of changes. As time permits, we will provide URLs so that interested parties, such as trucking companies, can work with their state trucking associations to be sure that enforcement officials are aware of changes in the laws.

Alabama	<i>District of Columbia</i>	Kansas	Mississippi*	New York	South Carolina	West Virginia
Alaska	Florida	<i>Kentucky</i>	Missouri	<i>North Carolina</i>	South Dakota*	Wisconsin
Arizona	Georgia	Louisiana*	Montana*	North Dakota	<i>Tennessee</i>	Wyoming*
Arkansas*	<i>Hawaii</i>	Maine	Nebraska	Ohio*	Texas	
<i>California</i>	Idaho*	Maryland	Nevada*	Oklahoma	Utah*	
Colorado	Illinois	Massachusetts*	New Hampshire	Oregon	Vermont*	
Connecticut	Indiana	Michigan*	New Jersey*	Pennsylvania	Virginia	
Delaware	Iowa*	Minnesota	New Mexico	<i>Rhode Island</i>	Washington	

States in **black** allow the 400-lb weight exemption (asterisk means that the allowance is granted by enforcement policy rather than by state law); states in *gray* do not permit the exemption; and states in **brown** have legislation in process.

Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at <http://atri-online.org/2012/07/20/idling-regulations-compendium/> and <http://www.afdc.energy.gov/laws/matrix/tech>.

If information for your state or municipality is outdated or erroneous, please let us know. This newsletter is also a place to let people know about possible changes in laws or regulations or the solicitation of comments related to such.

Incentives and Funding Opportunities for Idling Reduction Projects

The DOE Clean Cities initiative provides a listing of federal and state programs that offer incentives and funding for idling reduction projects. Information can be found at <http://www.afdc.energy.gov/laws/>. Let us know if any information needs to be changed or updated. Additionally, the EPA Diesel Collaboratives offer news of available grant and loan programs. For the Northeast Diesel Collaborative (Regions 1 and 2), see <http://northeastdiesel.org/funding.html>; Mid-Atlantic Diesel Collaborative (Region 3), <http://www.dieselmidatlantic.org/diesel/funding.htm>; Southeast Diesel Collaborative (Region 4),

<http://www.southeastdiesel.org/funding.html>; Midwest Clean Diesel Initiative (Region 5), <http://www.epa.gov/midwestcleandiesel/grants/index.html>; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), <http://www.blueskyways.org/funding/index.html>; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), <http://www.epa.gov/region8/air/rmcdc/>; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), <http://www.westcoastcollaborative.org/funding-opportunities.htm>.

Tools Available To Calculate the Cost of Idling Reduction Equipment

There are a number of tools available to workplace and truck fleet managers, owner-operators, and locomotive engineers to help determine the costs and benefits of paying for and installing idling reduction equipment. A site from Canada that quantifies the costs of workplace idling

- Argonne National Laboratory (<http://www.transportation.anl.gov/engines/idling.html>—choose a calculator from the right side of the Web page)
- Autotherm (<http://autothermusa.com/wordpress/calculate-idling-costs-savings/>)
- Bergstrom (<http://us.bergstrominc.com/nite-calculate-savings/>)
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/>)
- Energy Xtreme (<http://www.energyxtreme.net/resources/calculator>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9d9869fa88bfd51e50592a377d5d48?sitePageId=40919&orgId=clcc>)
- Hodyon (<http://www.hodyon.com/calculator.aspx>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)

is also included. The calculators are provided as tools of possible benefit; their accuracy has not been verified. Any new entry this month is shown in brown. If you are aware of other sources of information that may be of possible interest to newsletter readers, please let us know.

- Idle Free Systems (<http://idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html>)
- Kenworth (<http://www.kenworth.com>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://lifeforceapu.com/files/LifeforceCalculator.xls>)
- Natural Resources Canada (http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling_impact-workplace.cfm?attr=16)
- Odyssey Battery (<http://www.odysseybattery.com/fleet.html>)
- Thermo King (<http://www.thermoking.com/tripac/>)
- Webasto (http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm)

Locations of Electrified Parking Spaces

In collaboration with the U.S. Department of Transportation (DOT), the DOE Clean Cities initiative offers a website showing the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are currently available in at least 23 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at <http://www.afdc.energy.gov/afdc/locator/tse>. Another resource is the EPA SmartWay Interactive Activity Map, which features data from SmartWay Partners, National Transportation Idle-Free Corridors, National Clean Diesel

Campaign Retrofit projects, Clean School Bus USA projects, ethanol (E-85) and biodiesel fueling station projects, and other related sources. The maps enable visualization of the locations of specific fuel consumption and pollution reduction projects. The maps also help users locate the nearest electrified truck stop and the nearest public alternative-fuel filling station. For more information, please go to <http://www.afdc.energy.gov/afdc/locator/tse/>.

How To Find Back Issues of *National Idling Reduction Network News*

All issues of *National Idling Reduction Network News* may be found at http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Additionally, a compendium of all previous issues is available on the site; this PDF file is especially useful for conducting searches of all issues of the newsletter.

Please be mindful that Web links may expire or move over time and that some sources require registration. If you have trouble opening a link, try copying and pasting it, or retyping the URL, in your browser window.

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