

# National Idling Reduction Network News

October 2011

## SOLICITATIONS FOR FUNDING AND AWARDS

[Brown text indicates a new entry, or updated information, since last month.]

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Bay Area Air Quality Management District (BAAQMD)	Carl Moyer Memorial Air Quality Standards Attainment Program	\$14 million	First come, first served.	<a href="http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
<b>North Carolina Department of Environment and Natural Resources</b>	<b>2011 Idle Reduction Devices Rebate Program</b>	<b>\$273,000 (as of October 24, 2011)</b>	<b>First come, first served.</b>	<a href="http://daq.state.nc.us/motor/Rebates/">http://daq.state.nc.us/motor/Rebates/</a>
<b>Manitoba Infrastructure and Transportation, University of Manitoba Transport Institute, and the Manitoba Trucking Association</b>	<b>GrEEEn (Economically and Environmentally Efficient) Trucking Incentive Program</b>	<b>Can\$225,000</b>	<b>First come, first served through December 16, 2011</b>	<a href="http://www.greentrucking.ca/">http://www.greentrucking.ca/</a>
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	<a href="http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf">http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf</a>
Climate Trust	Greenhouse Gas Offset Projects	\$6 million (as of January 2011)	Rolling deadline until funds are awarded.	<a href="http://www.climatetrust.org/apply.html">http://www.climatetrust.org/apply.html</a>
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.energymaine.com/at-work/for-small-business/loan-programs">http://www.energymaine.com/at-work/for-small-business/loan-programs</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000 (as of August 23, 2011)	Rolling deadline until funds are awarded.	<a href="http://www.pca.state.mn.us/sbiz7d9">http://www.pca.state.mn.us/sbiz7d9</a>
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.	<a href="http://www.turnyourengineoff.org/campaign_recognition.html">http://www.turnyourengineoff.org/campaign_recognition.html</a>

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Utah Department of Environmental Quality	Utah Clean Diesel Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.cleandiesel.utah.gov">http://www.cleandiesel.utah.gov</a>
<b>U.S. Environmental Protection Agency (EPA)</b>	<b>Environmental Education Grants Program</b>	<b>~\$1.5 million</b>	<b>November 8, 2011</b>	<a href="http://www.epa.gov/education/grants.html">http://www.epa.gov/education/grants.html</a>
<b>Michigan Department of Environmental Quality</b>	<b>Michigan Clean Diesel Initiative</b>	<b>~\$800,000</b>	<b>November 16, 2011</b>	<a href="http://www.michigan.gov/deq/0,4561,7-135-3310-198413--,00.html">http://www.michigan.gov/deq/0,4561,7-135-3310-198413--,00.html</a>
<b>Louisiana Department of Environmental Quality</b>	<b>Louisiana Clean Diesel Grant Program</b>	<b>~\$426,000</b>	<b>December 1, 2011</b>	<a href="http://www.deq.louisiana.gov/portal/NEWS/DERA2011Solicitation.aspx">http://www.deq.louisiana.gov/portal/NEWS/DERA2011Solicitation.aspx</a>
<b>CARB</b>	<b>Advanced Technology Demonstration Project: Advanced Hybrid Technologies in School Buses</b>	<b>\$1 million</b>	<b>December 14, 2011</b>	<a href="http://www.arb.ca.gov/msprog/aqip/solicitations.htm">http://www.arb.ca.gov/msprog/aqip/solicitations.htm</a>
<b>Ozarks Center for Sustainable Solutions (Missouri)</b>	<b>Clean Diesel Grant Program</b>	<b>Not available</b>	<b>December 15, 2011</b>	<a href="http://www.drury.edu/multinl/story.cfm?ID=27049&amp;NLID=387">http://www.drury.edu/multinl/story.cfm?ID=27049&amp;NLID=387</a>
<b>Mid-America Regional Council (Missouri)</b>	<b>Clean Diesel Grant Program</b>	<b>Not available</b>	<b>December 16, 2011</b>	<a href="http://marc.org/environment/airq/cleandieselfrfp.asp">http://marc.org/environment/airq/cleandieselfrfp.asp</a>
<b>Southeast Missouri Regional Planning and Economic Development Commission (Missouri)</b>	<b>Clean Diesel Grant Program</b>	<b>Not available</b>	<b>December 16, 2011</b>	<a href="http://www.semorpc.org/dera.html">http://www.semorpc.org/dera.html</a>
<b>St. Louis Regional Clean Cities (Missouri)</b>	<b>Clean Diesel Grant Program</b>	<b>Not available</b>	<b>December 16, 2011</b>	<a href="http://www.stlcleancities.org/">http://www.stlcleancities.org/</a>
<b>EPA</b>	<b>2011 Presidential Innovation Award Program for Environmental Educators</b>	<b>\$2,000 per award</b>	<b>December 30, 2011</b>	<a href="http://www.epa.gov/education/teacheraward">www.epa.gov/education/teacheraward</a>
<b>New York State Energy Research and Development Authority (NYSERDA)</b>	<b>New York State Clean Air School Bus Program, Round 3 (now includes coolant heaters)</b>	<b>~\$2.6 million</b>	<b>December 30, 2011 (or when all funds are exhausted)</b>	<a href="http://www.nysERDA.org/funding/1896summary.pdf">http://www.nysERDA.org/funding/1896summary.pdf</a>
<b>Climate Change Central</b>	<b>Trucks of Tomorrow Rebate Program (Alberta, Canada)</b>	<b>Can\$2 million</b>	<b>December 31, 2011</b>	<a href="http://www.trucksoftomorrow.com/pages/trucking/index.php">http://www.trucksoftomorrow.com/pages/trucking/index.php</a>
<b>Ohio EPA</b>	<b>Clean Diesel School Bus Fund Retrofit Grants Program</b>	<b>\$300,000</b>	<b>March 1, 2012</b>	<a href="http://www.epa.ohio.gov/oef/schoolbus.aspx">http://www.epa.ohio.gov/oef/schoolbus.aspx</a>

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Maryland Energy Administration	Maryland Idle Reduction Grant Program	\$225,000	June 1, 2012	<a href="http://www.energy.state.md.us/Transportation/idle/index.html">http://www.energy.state.md.us/Transportation/idle/index.html</a>
Cascade Sierra Solutions	Shorepower Truck Electrification Project (STEP) Rebate Program	\$10+ million	March 31, 2013	<a href="https://csswebform.org/WebForm/TSE_home.aspx">https://csswebform.org/WebForm/TSE_home.aspx</a>

## REGULATORY NEWS

### Salt Lake City, Utah, Adopts Strict Idling Ordinance

On October 25, 2011, Salt Lake City council members unanimously passed an ordinance (Salt Lake City Code, Chapter 12.58) that restricts vehicle idling to 2 minutes or less. Among the most stringent in the country, the law does not apply when the temperature is below 32°F or above 90°F. Additionally, the ordinance does not apply to emergency and airport-support vehicles, among others, or to in-traffic situations, such as stop lights. (The operators of Salt Lake City fleet vehicles are governed by an even stricter rule that limits idling to no more than 10 seconds.)

The new ordinance, which has been in the works for more than a year, was contested by some merchants whose businesses offer drive-through-window service. The council decided on a unique provision regarding such businesses: drivers doing business at drive-through windows are exempt from the idling rule provided that the business has posted signs to discourage idling. Unlike some other municipal ordinances, Salt Lake City's rule does not exempt vehicles on private property, so motorists who use their remote start feature liberally may have to exhibit more restraint.

According to the *Deseret News*, the assistant to the Mayor's chief of staff, Bianca Shreeve, says that the ordinance is focused on education and that enforcement will be complaint based. Salt Lake City's parking enforcement officers, not police, will enforce the ordinance. The City Council will review the law a year from now.

A first violation will be met with a warning. Second offenses will set motorists back \$160 (or, if the fine is paid within 10 days, \$50), and a third, \$210. A 6-month grace period and a public awareness campaign will precede enforcement. For more information, please see <http://www.deseretnews.com/article/705393141/Salt-Lake-City-Council-makes-vehicle-idling-longer-than-2-minutes-illegal.html>. Details about the new ordinance, including exemptions, are available at <http://www.slcgov.com/council/agendas/2011agendas/Oct25/10252011.pdf>, and information about Utah's statewide idle-free campaign may be found at <http://www.idlefree.utah.gov/>.

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Action Transport (Utah)	Utah Department of Environmental Quality (DEQ)	Purchase and installation 3 APUs	\$28,200
Bingham Livestock (Utah)	Utah DEQ	Purchase and installation 10 APUs	\$94,600
Iron County School District (Utah)	Utah DEQ	Purchase and installation 11 engine preheaters	TBD
L.W. Miller (Utah)	Utah DEQ	Purchase and installation 3 APUs	\$28,200
Paul Terry Trucking (Utah)	Utah DEQ	Purchase and installation 12 APUs	\$56,400
WT Transportation (Utah)	Utah DEQ	Purchase and installation 2 APUs	\$18,920
Berlin Public Schools (Berlin, New Hampshire)	New Hampshire Department of Environmental Services (NHDES)	Purchase and installation of 8 fuel-operated heaters (FOHs)	\$18,632
Concord School District (Concord, New Hampshire)	NHDES	Purchase and installation of 16 FOHs	\$37,264
Newport School District (Newport, New Hampshire)	NHDES	Purchase and installation of 6 FOHs	\$13,974
Special Transit Service, Inc. (Manchester, New Hampshire)	NHDES	Purchase and installation of 7 FOHs	\$16,303
Butler's Bus Service, Inc. (Haverhill, New Hampshire)	NHDES	Purchase and installation of 18 FOHs	\$40,758
Northwood Transportation, Inc. (Northwood, New Hampshire)	NHDES	Purchase and installation of 6 FOHs	\$13,974
Oyster River Cooperative School District (Durham, New Hampshire)	NHDES	Purchase and installation of 10 FOHs	\$23,290
Idaho Department of Environmental Quality	EPA	Purchase and installation of 32 FOHs and purchase of 900 crankcase ventilation system replacement filters	\$189,271
Idaho Department of Environmental Quality	EPA	Purchase and installation of 16 FOHs, diesel oxidation catalysts, and crankcase ventilation system units	\$62,237
Kansas City Southern Railroad and the Railroad Research Foundation	EPA	Installation of idle reduction technology on 40 switcher locomotives that operate in and around Shreveport, Louisiana	\$265,807
Nevada Division of Environmental Protection	EPA	Purchase and installation of FOHs for at least 50 school buses	\$189,951
Metra (commuter rail, northeastern Illinois)	U.S. Department of Transportation (DOT) Congestion Mitigation and Air Quality (CMAQ) Program	Purchase and installation of automatic engine shut-down/start-up technology on 24 Union Pacific service locomotives	\$368,000

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
New West Technologies (Utica, New York)	NYSERDA	Installation of electric refrigerator-trailer infrastructure to demonstrate the cost savings and environmental benefits of powering refrigerator trucks/trailers with electricity rather than with diesel fuel	\$300,000
Power Drives, Inc. (Buffalo, New York)	NYSERDA	14-month demonstration project to test two locomotive-engine warming models—external electrical and onboard diesel generator—to reduce idling (11 locomotives)	\$250,000

## SCAQMD Honors Cascade Sierra Solutions

At its 23rd Annual Clean Air Awards event in October, California’s South Coast Air Quality Management District (SCAQMD) recognized Cascade Sierra Solutions (CSS) with its Clean Air Award for Innovative Transportation Projects. CSS received the honor for its work in providing financing and information about funding to truck owners seeking to replace or retrofit older, pollution-producing heavy-duty trucks.

SCAQMD’s mission is to improve air quality for the nearly 17 million people living within its region, which includes much of Los Angeles, Riverside, San Bernardino, and Orange Counties. CSS, a Eugene, Oregon-based nonprofit

organization dedicated to improving air quality, identifies, promotes, and finances the use of clean technologies to reduce fuel consumption and pollution from heavy-duty diesel trucks. CSS administers the Department of Energy (DOE) funded Shorepower Truck Electrification Project (STEP), an American Recovery and Reinvestment Act (ARRA) project.

Since 2006, Cascade Sierra Solutions has provided funding and grant assistance for nearly 6,000 vehicles in the lower 48 states. The resulting fuel savings on U.S. highways is estimated to be nearly 28,000 gallons every day. More information is available at [www.cascadesierrasolutions.org](http://www.cascadesierrasolutions.org).

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
CARB	ARB EMFAC2011 [tool for estimating on-road vehicle emissions in California]	<a href="http://www.arb.ca.gov/msei/modeling.htm">http://www.arb.ca.gov/msei/modeling.htm</a>
Chelsea Collaborative	Chelsea Collaborative—New England Produce Center TRU Electrification	<a href="http://www.mjbradley.com/sites/default/files/NEPC%20TRU%20Electrification%20Final%20Report%20FINAL%20nonbooklet%2014jul11_0.pdf">http://www.mjbradley.com/sites/default/files/NEPC%20TRU%20Electrification%20Final%20Report%20FINAL%20nonbooklet%2014jul11_0.pdf</a>
Pike Research	Stop-Start Vehicles—Micro Hybrid Technologies, Batteries, and Ultracapacitors: Market Analysis and Forecasts	<a href="http://www.pikeresearch.com/research/stop-start-vehicles">http://www.pikeresearch.com/research/stop-start-vehicles</a>
Transportation Media with the Private Motor Truck Council	2011 Canadian Private Fleet Practices Benchmark Study	Summary and ordering information available at <a href="http://www.trucknews.com/benchmark/">http://www.trucknews.com/benchmark/</a>

## UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Society of Automotive Engineers (SAE) 2011 Light-Duty Diesel Emissions Control Symposium	Ann Arbor, Michigan	November 2–3, 2011	<a href="http://www.sae.org/events/training/symposia/lddec/">http://www.sae.org/events/training/symposia/lddec/</a>
<b>CARB Diesel Vehicle Regulation Overview</b>	<b>San Marcos, California</b>	<b>November 3, 2011</b>	<a href="http://www.arb.ca.gov/training/courses.php?course=512">http://www.arb.ca.gov/training/courses.php?course=512</a>
<b>East Bay Clean Cities Clean Air Vehicle Funding Workshop</b>	<b>Oakland, California</b>	<b>November 9, 2011</b>	<a href="http://www.cleancitieseastbay.org/events.html">http://www.cleancitieseastbay.org/events.html</a>
<b>CARB Diesel Vehicle Regulation Overview</b>	<b>Yreka, California</b>	<b>November 15, 2011</b>	<a href="http://www.arb.ca.gov/training/courses.php?course=512">http://www.arb.ca.gov/training/courses.php?course=512</a>
Transportation Research Board's (TRB) 91st Annual Meeting	Washington, D.C.	January 22–26, 2012	<a href="http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx">http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx</a>
SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 25–27, 2012	<a href="http://www.sae.org/events/gim/">http://www.sae.org/events/gim/</a>
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2012	<a href="http://www.calstart.org/Events/CALSTART-Events.aspx">http://www.calstart.org/Events/CALSTART-Events.aspx</a>
Alternative Clean Transportation (ACT) Expo	Long Beach, California	May 14–17, 2012	<a href="http://www.actexpo.com/index.html">http://www.actexpo.com/index.html</a>

## MANUFACTURERS' NEWS

### Buick LaCrosse and Regal Now Feature Idling Reduction

Buick's 2012 LaCrosse and Regal feature a "light" automatic start/stop technology. The feature, called eAssist, allows these vehicles to run on battery power, rather than gasoline, at stops. Energy captured from regenerative braking powers a lithium-ion battery pack, which runs HVAC, radio, and other accessories when the vehicle is in auto-stop mode. Buick claims that eAssist boosts fuel economy by 25%.

The 2012 LaCrosse and Regal also feature the ECO Gauge, which offers drivers immediate feedback on the effect of their acceleration and braking behaviors on fuel efficiency. To see an advertisement that cleverly demonstrates the high energy use associated with idling, please click on <http://www.youtube.com/watch?v=1j1Mlqzww3A>. For more information about eAssist, please see <http://www.buick.com/eassist-fuel-efficient-technology.html>.

## ELECTRIFIED PARKING SPACES

### The STEP Footprint Grows

On I-80 in Wendover, Utah, near the Nevada border, the newest Shorepower Truck Electrification Project (STEP) installation was launched on October 13, 2011. R Place Trucker's Plaza now offers 32 Shorepower Technology pedestals that enable truck drivers to purchase electrical power at \$1 per hour to run in-cab HVAC and accessories.

The number of sites participating in the STEP program is growing. Pilot Flying J, the Knoxville, Tennessee-based travel center operator with more than 550 locations, has announced an agreement to install Shorepower pedestals at five travel centers in California (Bakersfield, Dunnigan, Lebec,

Lodi, and Weed) and in one in Texas (Dallas). The STEP program seeks to provide truck stop electrification on the most significant freight corridors. According to *Fleet Owner*, installation will occur over the next 3 to 6 months, with each site hosting between 24 and 48 electrified parking spots.

The STEP program is administered by Cascade Sierra Solutions in partnership with Shorepower Technologies under an ARRA award with DOE. For more information, please see <http://fleetowner.com/green/archive/truckstops-anti-idling-technology-1010/> and <http://www.the-step-project.org/>.

### New AireDock Sites Operational

AireDock, a stand-alone truck stop electrification (TSE) system owned by Craufurd Manufacturing, now has a number of new sites. In addition to the locations already operational in Florida, Maine, Ohio, and Tennessee, AireDock has installations at the All State Truck Stop (9 units) in Unadilla, Georgia, and second site in Tennessee, the North Forty Truck Stop (30 units)

in Holladay. AireDock offers no-idle temperature control, internal and external power, and high-speed internet access. The installations were funded by ARRA grants. For more information, please see <http://www.airedock.com/>.

## OTHER NEWS OF INTEREST

### Grassroots Action: Chelsea Green Space Gets Results

The Chelsea Green Space and Recreation Committee, the environmental arm of the Chelsea Collaborative (Chelsea, Massachusetts), has garnered impressive results working with local businesses and local government to reduce diesel emissions for cleaner air.

A number of years ago, a Chelsea Green Space member tracking down local sources of diesel emissions ended up at the New England Produce Center, one of the largest produce distribution centers in the country. There she found that diesel-powered refrigerated trailers operated—and spewed emissions—around the clock. Since then, Green Space has worked with the

produce center's board of directors, and the dozens of produce companies doing business with the Center, to implement diesel emissions reduction projects.

In September, the U.S. EPA awarded Chelsea Green Space a \$280,000 grant that, along with a match by Don Shapiro Produce, Inc., is being used to replace 11 diesel-powered refrigeration units with electrically powered units. The Chelsea Collaborative has received a number of EPA grants to facilitate the electrification of trailer refrigeration units at the Center. The Collaborative has also received EPA funds for non-idling reduction-related

diesel emission projects, including engine upgrades and the installation of diesel particulate filters.

The Chelsea Collaborative is dedicated to social, environmental, and economic justice in Chelsea, Massachusetts, a densely populated "environmental justice" community. For more information regarding Chelsea Green Space's recent work, please visit <http://www.bostonglobe.com/metro/regionals/north/2011/10/19/partnerhips-with-businesses-lead-cleaner-air-chelsea/zGBQLZaVt7vD6jtTZTVvEO/story.html> and <http://chelseacollab.org/program/greenspace>. Source: Deborah Levinson, Nimble Partners, Medford, Massachusetts

## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

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

[http://www.afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html). For EPA-verified idle 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. Each state can adopt this exemption, at its own discretion, without being subject to any penalty provision related to withholding of highway trust fund monies.] 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. Please feel free to provide us with updates.



State Recognition of the 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)						
<b>Alabama</b>	<i>District of Columbia</i>	<b>Kansas</b>	<b>Mississippi*</b>	<b>New York</b>	<b>South Carolina</b>	<b>West Virginia</b>
<b>Alaska</b>	<b>Florida</b>	<i>Kentucky</i>	<b>Missouri</b>	<i>North Carolina</i>	<b>South Dakota*</b>	<b>Wisconsin</b>
<b>Arizona</b>	<b>Georgia</b>	<b>Louisiana*</b>	<b>Montana*</b>	<b>North Dakota</b>	<i>Tennessee</i>	<b>Wyoming*</b>
<b>Arkansas*</b>	<i>Hawaii</i>	<b>Maine</b>	<b>Nebraska</b>	<b>Ohio*</b>	<b>Texas</b>	
<i>California</i>	<b>Idaho*</b>	<b>Maryland</b>	<b>Nevada*</b>	<b>Oklahoma</b>	<b>Utah*</b>	
<b>Colorado</b>	<b>Illinois†</b>	<b>Massachusetts*</b>	<b>New Hampshire†</b>	<b>Oregon</b>	<b>Vermont*</b>	
<b>Connecticut</b>	<b>Indiana</b>	<b>Michigan*</b>	<b>New Jersey*</b>	<b>Pennsylvania</b>	<b>Virginia</b>	
<b>Delaware</b>	<b>Iowa*</b>	<b>Minnesota</b>	<b>New Mexico</b>	<i>Rhode Island</i>	<b>Washington</b>	

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. †Effective January 1, 2012.

## Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at <http://www.atri-online.org/> (click on the compendium link at the left) and [http://www.afdc.energy.gov/afdc/progs/all\\_state\\_summary.cgi?afdc/0](http://www.afdc.energy.gov/afdc/progs/all_state_summary.cgi?afdc/0).

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/afdc/progs/fed\\_summary.php/afdc/US/0](http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0). 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.dieselmideatlantic.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/grants.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 idle-reduction equipment. A site from Canada that quantifies the costs of workplace idling is also

- 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://www.nitesystem.com/html/idle\\_calculator.cfm](http://www.nitesystem.com/html/idle_calculator.cfm))
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/index.php>)
- EPA (<http://www.epa.gov/smartwaylogistics/transport/calculators/index.htm>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9d9869fa88bfd51e50592a377d5d48?sitePagelId=40919&orgId=clcc>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)

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.

- 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](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](http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm))

## Locations of Electrified Parking Spaces

In collaboration with the U.S. 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 available in at least 19 states. AireDock, CabAire, EnviroDock, IdleAIR, and Shorepower Technologies installations are listed at [http://www.afdc.energy.gov/afdc/progs/tse\\_listings.php](http://www.afdc.energy.gov/afdc/progs/tse_listings.php). 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 location 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://epamap10.epa.gov/website/irim\\_us\\_map.asp](http://epamap10.epa.gov/website/irim_us_map.asp).

## How to Find Back Issues of *National Idling Reduction Network News*

All issues of *National Idling Reduction Network News* may be found at [http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www1.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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