

# National Idling Reduction Network News

February 2013

## 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.	<a href="http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
<b>Cascade Sierra Solutions</b>	<b>Shorepower Truck Electrification Project (STEP) Rebate Program</b>	\$1,600 maximum for diesel-powered auxiliary power units (APU) with electric standby; \$1,600 maximum for battery-powered HVAC systems; and \$700 maximum for evaporative cooler systems with shore-power capability	<b>First come, first served until March 31, 2013</b>	<a href="http://www.csswebform.org/webform/TSERebateInfo.aspx">www.csswebform.org/webform/TSERebateInfo.aspx</a>
<b>San Diego County Air Pollution Control District (SDAPCD)</b>	<b>Carl Moyer Program</b>	<b>\$1.4 million</b>	<b>First come, first served</b>	<a href="http://www.sdapcd.org/homepage/grants/grants.html">www.sdapcd.org/homepage/grants/grants.html</a>
Alabama Department of Environmental Management	Diesel Emissions Reduction Grant Program	\$116,000	Rolling deadline until funds are awarded.	<a href="http://www.adem.alabama.gov/newsEvents/pressreleases/2012/DERAPublicServiceAnnouncement.pdf">www.adem.alabama.gov/newsEvents/pressreleases/2012/DERAPublicServiceAnnouncement.pdf</a>
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.adeq.state.ar.us/poa/sba/envloans.htm">www.adeq.state.ar.us/poa/sba/envloans.htm</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/hdloanprogram.pdf">www.arb.ca.gov/ba/loan/on-road/documents/hdloanprogram.pdf</a>
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	<b>~\$14.1 million (as of February 28, 2013)</b>	Rolling deadline until funds are awarded.	<a href="http://www.californiahvip.org/">www.californiahvip.org/</a>

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Illinois Environmental Protection Agency (EPA)	Illinois Clean Diesel Grant Program	\$294,517	Rolling deadline until funds are awarded.	<a href="http://www.illinoisgreenfleets.org/">www.illinoisgreenfleets.org/</a>
Illinois EPA	Illinois Clean Diesel Grant Program—school buses only	\$1 million annually through 2016	Rolling deadline until funds are awarded.	<a href="http://www.illinoisgreenfleets.org/">www.illinoisgreenfleets.org/</a>
Minnesota Pollution Control Agency	Small Business APU Loan Program	\$110,000	Rolling deadline until funds are awarded.	<a href="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">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</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	Not applicable	Rolling deadline—the 15th of every month.	<a href="http://www.turnyouengineoff.org/campaign_recognition.html">www.turnyouengineoff.org/campaign_recognition.html</a>
Pennsylvania Department of Environmental Protection	Small Business Pollution Prevention Assistance Account Loan Program	\$2 million annually	Not applicable	<a href="http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2">www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2</a>
Transportation Research Board (TRB), Airport Cooperative Research Program (ACRP)	Request for Proposals: Methodology To Improve EDMS/AEDT [Emission Dispersion Modeling System/Aviation Environmental Design Tool] Quantification of Aircraft Taxi/Idle Emissions	\$250,000	March 12, 2013	<a href="http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=3440">apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=3440</a>
<b>Ohio EPA</b>	<b>Clean Diesel School Bus Fund Retrofit Grants Program</b>	<b>~\$300,000</b>	<b>September 1, 2013</b>	<a href="http://www.epa.ohio.gov/oeef/schoolbus.aspx">www.epa.ohio.gov/oeef/schoolbus.aspx</a>

## REGULATORY NEWS

### Vermont Tries—Again—To Limit Vehicle Idling

In Vermont—the only northeastern state that does not limit the idling of heavy-duty vehicles—two bills that sought such limits died at the end of the 2012 legislative session. State lawmakers are now considering new companion bills that would limit the idling of *all* motor vehicles to no more than 3 minutes during any 60-minute period. The recently introduced House Bill (H) 288 and Senate Bill (S) 76 are in their respective Transportation

Committees. Another bill, H327, proposes to direct the Secretary of Natural Resources to adopt rules that would limit unnecessary motor vehicle idling.

For more information about the Vermont bills, please go to [www.leg.state.vt.us/database/status/status.cfm?Session=2014](http://www.leg.state.vt.us/database/status/status.cfm?Session=2014) and [www.idlefreevt.org/regulation.html](http://www.idlefreevt.org/regulation.html).

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
CALSTART	California Energy Commission	Demonstration projects of battery-electric, plug-in hybrid electric, and range-extended hybrid electric/natural gas heavy-duty drayage trucks operating at the ports of Long Beach and Los Angeles	\$3.5 million
Atlantic City, New Jersey	New Jersey Department of Environmental Protection (NJDEP)	Education, outreach, and enforcement of state idling regulations	\$8,005
Camden County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$24,480
Hudson County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$10,000
Mercer County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$9,862
Middlesex County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$12,374
Passaic County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$7,920
Sussex County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$10,000
Union County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$16,433
Warren County, New Jersey	NJDEP	Education, outreach, and enforcement of state idling regulations	\$9,900

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
CARB	EMFAC2011 [Tool for estimating on-road vehicle emissions in California]—January 2013 update	<a href="http://www.arb.ca.gov/msei/modeling.htm">www.arb.ca.gov/msei/modeling.htm</a>
Florida Department of Transportation (DOT)	Commercial Motor Vehicle Parking Trends at Rest Areas and Weigh Stations	<a href="http://www.dot.state.fl.us/research-center/Completed_Proj/Summary_TE/FDOT-BDK80-977-14-rpt.pdf">www.dot.state.fl.us/research-center/Completed_Proj/Summary_TE/FDOT-BDK80-977-14-rpt.pdf</a>
TRB	Incorporating Greenhouse Gas Emissions into the Collaborative Decision-Making Process	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-C09-RR-1.pdf">onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-C09-RR-1.pdf</a>

## UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2013	<a href="http://www.calstart.org/Events/CALSTART-Events/Green-Truck-Summit.aspx">www.calstart.org/Events/CALSTART-Events/Green-Truck-Summit.aspx</a>
<b>How To Comply with CARB Diesel Regulations</b>	<b>Woodland, California</b>	<b>March 7, 2013</b>	<a href="https://ssl.arb.ca.gov/training/courses.php?course=520">https://ssl.arb.ca.gov/training/courses.php?course=520</a>
<b>CARB Public Workshop Regarding Proposed Changes to Heavy-Duty Vehicle Regulations (including the Airborne Toxic Control Measure To Limit Diesel-Fueled Commercial Motor Vehicle Idling)</b>	<b>Sacramento, California</b>	<b>March 11, 2013</b>	<a href="http://www.arb.ca.gov/msprog/mailouts/msc1305/msc1305.pdf">www.arb.ca.gov/msprog/mailouts/msc1305/msc1305.pdf</a>
Theater screening of <i>Idle Threat</i>	Washington, D.C.	March 17, 2013	<a href="http://www.idlethreatmovie.com">www.idlethreatmovie.com</a>
<b>How To Comply with CARB Diesel Regulations</b>	<b>Three-part webinar series</b>	<b>March 19–21, 2013</b>	<a href="https://ssl.arb.ca.gov/training/courses.php?course=520">https://ssl.arb.ca.gov/training/courses.php?course=520</a>
<b>CARB Public Meeting To Consider the Reallocation of Funding within the Fiscal Year 2012–13 Assembly Bill 118 Air Quality Improvement Program (AQIP) Funding Plan To Address Increased Project Demand</b>	<b>Sacramento, California</b>	<b>March 21, 2013</b>	<a href="http://www.arb.ca.gov/regact/nonreg/aqip2013meetingnotice.pdf">www.arb.ca.gov/regact/nonreg/aqip2013meetingnotice.pdf</a>
Mid-America Trucking Show	Louisville, Kentucky	March 21–23, 2013	<a href="http://www.truckingshow.com/">www.truckingshow.com/</a>

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
CalHEAT	Sacramento, California	March 26, 2013	<a href="http://www.calstart.org/Projects/CalHEAT.aspx">www.calstart.org/Projects/CalHEAT.aspx</a>
Energy Independence Summit	Washington, D.C.	April 8–10, 2013	<a href="http://www.transportationenergypartners.org/events/eis2013">www.transportationenergypartners.org/events/eis2013</a>
<b>Green California Summit</b>	<b>Sacramento, California</b>	<b>April 18–19, 2013</b>	<a href="http://www.green-technology.org/gcsummit/">www.green-technology.org/gcsummit/</a>
National Association of Fleet Administrators (NAFA) Institute and Expo	Atlantic City, New Jersey	April 23–26, 2013	<a href="http://www.nafainstitute.org/">www.nafainstitute.org/</a>
Government Fleet Expo & Conference (GFX)	San Antonio, Texas	June 10–12, 2013	<a href="http://www.governmentfleetexpo.com/">www.governmentfleetexpo.com/</a>
Alternative Clean Transportation (ACT) Expo	Washington, D.C.	June 24–27, 2013	<a href="http://www.actexpo.com/index.html">www.actexpo.com/index.html</a>
<b>Air &amp; Waste Management Association (A&amp;WMA) Annual Conference—Toward Sustainability</b>	<b>Chicago, Illinois</b>	<b>June 25–28, 2013</b>	<a href="http://ace2013.awma.org/">ace2013.awma.org/</a>
<b>A&amp;WMA: Climate Change—Impacts, Policy, and Regulation</b>	<b>Herndon, Virginia</b>	<b>September 10–11, 2013</b>	<a href="http://climatechange.awma.org/">climatechange.awma.org/</a>
Green Fleet Conference	Phoenix, Arizona	October 1–2, 2013	<a href="http://www.greenfleetconference.com/">www.greenfleetconference.com/</a>
<b>2014 TRB 93rd Annual Meeting</b>	<b>Washington, D.C.</b>	<b>January 12–16, 2014</b>	<a href="http://www.trb.org/Main/Blurbs/168453.aspx">www.trb.org/Main/Blurbs/168453.aspx</a>

## ELECTRIFIED PARKING SPACES

### STEP Rebates Again Available for a Limited Time

The Shorepower Truck Electrification Project (STEP) recently reopened its idle-reduction equipment rebate program. The rebates that the project approved last year but the companies did not redeem fund this opportunity.

Cascade Sierra Solutions (CSS), which is administering the rebate program, estimates that the funds available will cover an additional 400–500 rebates. Rebates are available for approved APUs with electric standby (\$1,600 maximum), battery-powered HVAC systems (\$1,600 maximum), and

evaporative cooler systems with shore-power capability (\$700 maximum). The rebates are available on a first-come, first-served basis until March 31, 2013. A list of approved equipment is available at [www.csswebform.org/WebForm/Supplier\\_list.aspx](http://www.csswebform.org/WebForm/Supplier_list.aspx). The link [https://csswebform.org/WebForm/TSE\\_home.aspx](https://csswebform.org/WebForm/TSE_home.aspx) contains more information.

STEP is also giving away more than 1,000 plug-in connection kits on a first-come, first-served basis. Recipients are responsible for installation costs. To learn more about the two plug-in kit types available, please see

<http://library.constantcontact.com/download/get/file/1102118090374-330/Fleet+Plug-In+Connector+Kits+Flyer-RevB.pdf>.

## IdleAir Opens New Location, Garners Chevrolet Carbon-Credit Support

IdleAir has opened a new location at the Flying J in Carlisle, Pennsylvania. With this location, IdleAir now operates 31 sites in 12 states (Arizona, Arkansas, California, Georgia, Illinois, Minnesota, Missouri, New Jersey, Pennsylvania, Tennessee, Texas, and Utah). The company is planning to open new sites in Texas, California, and Ohio this year.

In other IdleAir news, Chevrolet has announced that it will purchase up to 75,000 metric tons worth of carbon credits generated by IdleAir's truck stop electrification (TSE) network. According to the *Environmental Leader*, while

Chevrolet does not disclose project-specific numbers, the company intends to spend up to \$40 million to support a range of carbon-reducing projects.

For more information, please see [www.idleair.com/news/idleair-opens-new-location-in-carlisle-pa/?utm\\_source=IdleAir+Driver+Newsletter&utm\\_campaign=1b8b49ad1b-Carlisle\\_Open\\_2013\\_02\\_05&utm\\_medium=email](http://www.idleair.com/news/idleair-opens-new-location-in-carlisle-pa/?utm_source=IdleAir+Driver+Newsletter&utm_campaign=1b8b49ad1b-Carlisle_Open_2013_02_05&utm_medium=email) and [www.environmentalleader.com/2013/02/06/chevy-buys-idleair-co2-credits/](http://www.environmentalleader.com/2013/02/06/chevy-buys-idleair-co2-credits/).

## PORTS

### San Diego Tugboat Fleet Converts to Shore Power

Pacific Tugboat Service (San Diego, California) recently converted its fleet of 20 vessels to run on shore power. Also called "cold ironing," shore power allows ships and boats to shut down diesel engines and draw electrical power from the grid when docked. Shore power both improves air quality and reduces noise pollution.

Pacific Tugboat Service's conversion was part of a \$3 million upgrade at the company's Crosby Street Pier facility. About \$500,000 was spent on charging-station installation and vessel retrofits. The project received support from San Diego Gas & Electric (SDG&E), which helped with charging-station power upgrades, and a grant from the San Diego County Air Pollution Control District.

The Port of San Diego has shore-power installations at its B Street Cruise Ship Terminal and the Port Pavilion on Broadway Pier. The Port is also planning a shore-power project at its Tenth Avenue Marine Terminal.

For more information, please go to [www.portofsandiego.org/environment/3244-port-of-san-diego-waterfront-business-converts-vessels-to-shore-power.html?utm\\_source=feedblitz&utm\\_medium=FeedBlitzRss&utm\\_campaign=portsdpr](http://www.portofsandiego.org/environment/3244-port-of-san-diego-waterfront-business-converts-vessels-to-shore-power.html?utm_source=feedblitz&utm_medium=FeedBlitzRss&utm_campaign=portsdpr). A video about the project is available at [www.youtube.com/watch?v=K9ViCHFHVY8&feature=youtu.be](http://www.youtube.com/watch?v=K9ViCHFHVY8&feature=youtu.be).

## EDUCATION, CAMPAIGNS, AND OUTREACH

### DOE's Clean Cities Introduces IdleBox, an Idling Reduction Outreach Toolkit

The U.S. Department of Energy's (DOE) Clean Cities initiative is on a mission: to help reduce petroleum consumption in transportation. In the front lines of that effort is a network of Clean Cities coordinators who, through local and regional Clean Cities coalitions, bring together stakeholders in the public and private sectors to deploy a variety of petroleum-conserving measures.

Now, Clean Cities coordinators have a whole toolkit dedicated to idling reduction. IdleBox, prepared by the idling reduction team at Argonne National Laboratory, is a suite of tools to help coordinators conduct general outreach on idling reduction and connect with fleet/operations managers who seek to minimize unnecessary idling. Tools include presentations, letters, signs, tip sheets, and stickers. IdleBox also includes idling calculators and the idling law database, IdleBase ([cleancities.energy.gov/IdleBase](http://cleancities.energy.gov/IdleBase)). IdleBox tools are currently focused on light- and medium-duty fleet vehicles; the program will add tools specific to heavy-duty vehicles over time.



Nearly 100 Clean Cities Coalitions across the United States have helped the Clean Cities Program save more than 4.5 billion gallons of petroleum through alternative fuel use, fuel economy improvements, idle reduction measures, and other strategies.

To learn more about IdleBox, please contact your nearest Clean Cities coordinator. A list of coordinators by region/city is available at [www.afdc.energy.gov/cleancities/coalitions/coalition\\_contacts.php](http://www.afdc.energy.gov/cleancities/coalitions/coalition_contacts.php).

### Newark, Delaware, Launches Campaign To Promote Its No-Idling Ordinance

While many towns and cities have ordinances limiting the idling of large, commercial diesel-fueled vehicles, very few have laws that limit the idling of private passenger vehicles. Newark, Delaware, is one of those few, and it's now working to get the message out to residents and visitors.

An advisory group to the Newark City Council, the Newark Conservation Advisory Commission, has launched a campaign to promote awareness of, and compliance with, a 2009 idling ordinance. The ordinance specifies that

motorists may idle for no more than 5 minutes in a 60-minute period. First offenses are met with a warning, and subsequent violations result in a \$100 fine. The law includes a number of the usual exemptions, including one for low temperatures.

Newark's Anti-Idling Campaign is supported by a \$15,000 grant from Delaware's Department of Natural Resources and Environmental Control (DNREC), through DNREC's Greenhouse Gas Reduction Projects Fund. The

campaign promotes the anti-idling message through street signage, public service announcements, advertising, and print materials.

For more information, please see [www.cityofnewarkde.us/index.aspx?NID=686](http://www.cityofnewarkde.us/index.aspx?NID=686). A campaign video is available at [www.youtube.com/watch?v=JvDAyiTt7xU](http://www.youtube.com/watch?v=JvDAyiTt7xU).

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## OTHER NEWS OF INTEREST

### EPA Launches Voluntary Soot-Reduction Program: PM Advance

The U.S. EPA's new PM Advance program supports local actions to reduce fine particle pollution (particulate matter smaller than 2.5 micrometers, or PM<sub>2.5</sub>), and its precursors, in areas that currently meet the PM<sub>2.5</sub> National Ambient Air Quality Standards (NAAQS). The goal of the program is to help state, tribal, and local governments remain in attainment.

While local areas may take their own steps to reduce PM, PM Advance is targeted to states, tribes, and local governments that prefer to pursue

reductions with additional EPA support. Those participating in the initiative may choose among a number of control measures and programs that are most appropriate and cost-effective for their areas. Program participation may also reduce levels of other pollutants, such as nitrogen oxide and ambient ozone.

More information about the PM Advance program is available at [epa.gov/ozonemadvance/basicPM.html](http://epa.gov/ozonemadvance/basicPM.html).

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## 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 types of heavy-duty idling reduction equipment and provides links to some manufacturers at [www.afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html) and

[www.afdc.energy.gov/consERVE/idle\\_reduction\\_related.html](http://www.afdc.energy.gov/consERVE/idle_reduction_related.html). For EPA-verified idling reduction technologies in eight categories, please visit EPA's SmartWay Transport website at [www.epa.gov/smartway/technology/idling.htm](http://www.epa.gov/smartway/technology/idling.htm).



## Status of the 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 yet increased the weight allowance to 550 lb. If you have information about planned or enacted

changes, please send a message to [IDLINGREDUCTION@ANL.GOV](mailto:IDLINGREDUCTION@ANL.GOV) so that we may share the news with our readers.]

We will update the following table 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.

State Recognition of the 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)						
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	
Legend: Allows the 400-lb exemption by law; Allows the 400-lb exemption by enforcement policy rather than by law; <i>Does not permit the weight exemption.</i> * = Legislation in process to increase the weight exemption to 550 lb.						

## Summary of State and Municipal Idling Regulations

Many states and municipalities restrict idling. The newly launched IdleBase ([cleancities.energy.gov/IdleBase](http://cleancities.energy.gov/IdleBase)) contains information about laws for all classes of on-road vehicles. For laws specific to heavy-duty vehicles only, the American Transportation Research Institute (ATRI) is an excellent resource

(<http://atri-online.org/2013/02/20/idling-regulations-compendium/>). If your state, county, or municipality has made or is proposing changes, please let us know ([IDLINGREDUCTION@ANL.GOV](mailto:IDLINGREDUCTION@ANL.GOV)) so that we may share this information with newsletter readers.

## 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 [www.afdc.energy.gov/laws/](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 [northeastdiesel.org/funding.html](http://northeastdiesel.org/funding.html); Mid-Atlantic Diesel Collaborative (Region 3), [www.dieselmideatlantic.org/diesel/funding.htm](http://www.dieselmideatlantic.org/diesel/funding.htm); Southeast Diesel Collaborative (Region 4), [www.southeastdiesel.org/funding.html](http://www.southeastdiesel.org/funding.html); Midwest

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

is also included. We provide links to the calculators as tools of possible benefit but have not verified their accuracy. 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.

- Argonne National Laboratory ([www.transportation.anl.gov/engines/idling.html](http://www.transportation.anl.gov/engines/idling.html))—choose a calculator from the right side of the Web page)
- Autotherm ([autothermusa.com/wordpress/calculate-idling-costs-savings/](http://autothermusa.com/wordpress/calculate-idling-costs-savings/))
- Bergstrom ([us.bergstrominc.com/nite-calculate-savings/](http://us.bergstrominc.com/nite-calculate-savings/))
- DOE Clean Cities program ([www.afdc.energy.gov/afdc/prep/](http://www.afdc.energy.gov/afdc/prep/))
- Energy Xtreme (<http://www.energyxtreme.net/idle-reduction/calculator-quote>)
- Espar ([www.espar.com/html/service/calculator/calculator.html](http://www.espar.com/html/service/calculator/calculator.html))
- Hodyon ([www.hodyon.com/calculator.aspx](http://www.hodyon.com/calculator.aspx))
- Hotstart ([www.hotstart.com/fuel-consumption-calculator/](http://www.hotstart.com/fuel-consumption-calculator/))

- Idle Free Systems ([idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html](http://idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html))
- Kohler Power Systems ([www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102](http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102))
- LifeForce ([lifeforceapu.com/files/LifeforceCalculator.xls](http://lifeforceapu.com/files/LifeforceCalculator.xls))
- Natural Resources Canada ([oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16](http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16))
- Odyssey Battery ([www.odysseybattery.com/fleet.html](http://www.odysseybattery.com/fleet.html))
- Thermo King ([www.thermoking.com/tripac/](http://www.thermoking.com/tripac/))
- Webasto ([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 currently available in at least 23 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at [www.afdc.energy.gov/afdc/locator/tse](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 [www.afdc.energy.gov/afdc/locator/tse/](http://www.afdc.energy.gov/afdc/locator/tse/).

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

All issues of *National Idling Reduction Network News* may be found at [www.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html). Additionally, the site has a compendium of all previous issues; 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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