

# National Idling Reduction Network News

March 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>
San Diego County Air Pollution Control District (SDAPCD)	Carl Moyer Program	\$1.4 million	First come, first served	<a href="http://www.sdapcd.org/homepage/grants/grants.html">www.sdapcd.org/homepage/grants/grants.html</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/hdvloanprogram.pdf">www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf</a>
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	~\$13.8 million (as of March 29, 2013)	Rolling deadline until funds are awarded.	<a href="http://www.californiahvip.org/">www.californiahvip.org/</a>
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 (auxiliary power unit) 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>

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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>
<b>Alabama Department of Environmental Management</b>	<b>Diesel Emissions Reduction Grant Program</b>	<b>Unknown</b>	<b>April 15, 2013</b>	Call Anthony Smiley, (334) 271-7803
<b>U.S. Department of Energy (DOE), Office of Energy Efficiency and Renewable Energy (EERE)</b>	<b>Fiscal Year 2013 Vehicles Technologies Program-Wide Funding Opportunity</b>	<b>~\$56 million</b>	<b>April 29, 2013</b>	<a href="http://eere-exchange.energy.gov/#Foaldce3230af-f911-45d8-93b5-814150d1b7fd">eere-exchange.energy.gov/#Foaldce3230af-f911-45d8-93b5-814150d1b7fd</a>
<b>Maryland Energy Administration</b>	<b>Maryland Idle Reduction Technology Grant Program</b>	<b>\$142,000</b>	<b>August 16, 2013</b>	<a href="http://energy.maryland.gov/Transportation/idle/">energy.maryland.gov/Transportation/idle/</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	~\$300,000	September 1, 2013	<a href="http://www.epa.ohio.gov/oeef/schoolbus.aspx">www.epa.ohio.gov/oeef/schoolbus.aspx</a>

## REGULATORY NEWS

### CARB Proposes Expanding Idling Law Compliance Responsibility

On March 11, CARB held a public workshop on a number of proposed amendments related to on-road, heavy-duty vehicles. Among the amendments were those to improve the efficacy of the state's idling law. CARB proposes expanding idling-law compliance responsibility to include the vehicle owner in addition to the vehicle operator. It also proposes prohibiting California-based shippers, brokers, and facilities from using the services of vehicle owners who have outstanding citations. (CARB would notify them of the vehicle owners' outstanding citations.) Another

amendment would add schools, hotels, and motels to the definition of "Restricted Area," a category that currently covers only residential areas.

California's Air Toxic Control Measure (ATCM) To Limit Diesel-Fueled Commercial Motor Vehicle Idling, which took effect in 2005, limits the idling of diesel-fueled, 10,000+ pound trucks to 5 minutes. Violations result in a minimum penalty of \$300. CARB is scheduled to consider the proposed amendments in October 2013.

To see a presentation associated with the March 11 meeting, please go to [www.arb.ca.gov/msprog/truck-idling/idling\\_posted.pdf](http://www.arb.ca.gov/msprog/truck-idling/idling_posted.pdf). The text of the

current regulation is available at [www.arb.ca.gov/regact/idling/fro1.pdf](http://www.arb.ca.gov/regact/idling/fro1.pdf).

## Legislative Push To Constrain Idling Trains in Maine

In Maine, lawmakers are considering legislation that would limit the idling of diesel-powered locomotives. Legislative Document (LD) 28, "An Act To Reduce Air Pollution from Trains," specifies that a locomotive owner or operator "may not cause or allow the foreseeably unnecessary idling" of a locomotive "for a continuous period longer than 30 minutes." With a focus on preserving air quality, LD 28 also directs the state's Department of Environmental Protection to submit to the U.S. EPA a revised State Implementation Plan (SIP) incorporating these provisions. SIPs identify how states will attain and/or maintain National Ambient Air Quality Standards (NAAQS). Provisions of U.S. EPA-approved SIPs are federally enforceable.

Attempts to restrict locomotive idling in the U.S. have met with little success; they have been found to interfere with interstate commerce as

expressed in the federal Interstate Commerce Commission Termination Act of 1995 (ICCTA). In a significant 2010 ruling, a federal appeals court ruled against California's South Coast Air Quality Management District (SCAQMD), which had sought to limit emissions from idling trains through regulation. The ruling stated that the ICCTA "preempts all state laws that may reasonably be said to have the effect of managing or governing rail transportation."

Maine's LD 28 is currently in the Committee on Environment and Natural Resources. To read the text of the bill, please go to [www.mainelegislature.org/legis/bills/getPDF.asp?paper=SP0017&item=1&snum=126](http://www.mainelegislature.org/legis/bills/getPDF.asp?paper=SP0017&item=1&snum=126). To follow the status of the bill, see [www.mainelegislature.org/LawMakerWeb/summary.asp?ID=280046297](http://www.mainelegislature.org/LawMakerWeb/summary.asp?ID=280046297).

## Tennessee Passes 550-Pound Weight Exemption; New Hampshire and Missouri Advance

Tennessee, one of just a handful of states that does not permit the 400-lb APU exemption by either law or enforcement policy, is the first state to pass the newly authorized 550-lb weight exemption. The change will take effect on July 1, 2013. Passed unanimously by both legislative chambers and signed by Governor Bill Haslam, Tennessee's Senate Bill (SB) 65 and House Bill (HB) 403 allow trucks an additional 550 lb for "idle-reduction technology or other emissions-reduction technology." See <http://wapp.capitol.tn.gov/apps/billinfo/BillSummaryArchive.aspx?BillNumber=SB0065&ga=108> for more information.

New Hampshire, which adopted the 400-lb weight exemption just last year, is closing in on its own exemption increase. The Senate has passed HB196 with one amendment, recommending that the act take effect on its passage rather than at the beginning of next year. In Missouri, SB43, which seeks to increase the weight exemption to 550 lb, has been passed by the Senate and is now in the House Transportation Committee. Follow these bills at [www.gencourt.state.nh.us/bill\\_status/Bill\\_status.aspx?lsr=607&sy=2013&sortoption=&txtsessionyear=2013&txtbillnumber=hb196](http://www.gencourt.state.nh.us/bill_status/Bill_status.aspx?lsr=607&sy=2013&sortoption=&txtsessionyear=2013&txtbillnumber=hb196) and [www.senate.mo.gov/13info/BTS\\_Web/Actions.aspx?SessionType=R&BillID=16944722](http://www.senate.mo.gov/13info/BTS_Web/Actions.aspx?SessionType=R&BillID=16944722).

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
CARB	Proposed Modifications [To] ATCM To Limit Diesel-Fueled Commercial Motor Vehicle Idling [public workshop presentation]	<a href="http://www.arb.ca.gov/msprog/truck-idling/idling_posted.pdf">www.arb.ca.gov/msprog/truck-idling/idling_posted.pdf</a>
CARB	Proposed New Regulation: Heavy Duty Greenhouse Gas Standards for New Vehicles and Engines (Phase I) [public workshop presentation]	<a href="http://www.arb.ca.gov/msprog/onroad/phaseIghg/presentations/hdv_phaseI_ws_031113.pdf">www.arb.ca.gov/msprog/onroad/phaseIghg/presentations/hdv_phaseI_ws_031113.pdf</a>
National Academies Press	Transitions to Alternative Vehicles and Fuels	<a href="http://www.nap.edu/catalog.php?record_id=18264">www.nap.edu/catalog.php?record_id=18264</a>
U.S. DOE, EERE	Effects of Travel Reduction and Efficient Driving on Transportation: Energy Use and Greenhouse Gas Emissions (Transportation Energy Futures Series)	<a href="http://www.nrel.gov/docs/fy13osti/55635.pdf">www.nrel.gov/docs/fy13osti/55635.pdf</a>
U.S. DOE, EERE	Potential for Energy Efficiency Improvement Beyond the Light-Duty-Vehicle Sector (Transportation Energy Futures Series)	<a href="http://www.nrel.gov/docs/fy13osti/55637.pdf">www.nrel.gov/docs/fy13osti/55637.pdf</a>

## UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
<b>California Energy Commission: Public Workshop on the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP)</b>	<b>Sacramento, California</b>	<b>April 3, 2013 (also Webcast)</b>	<a href="http://www.energy.ca.gov/altfuels/notices/">www.energy.ca.gov/altfuels/notices/</a>
<b>CARB: Public Workshop for the Development of the Air Quality Improvement Program (AQIP) 2013–14 Funding Plan</b>	<b>Sacramento, California</b>	<b>April 4, 2013</b>	<a href="http://www.arb.ca.gov/msprog/aqip/meetings/meetings.htm">www.arb.ca.gov/msprog/aqip/meetings/meetings.htm</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>
Green California Summit	Sacramento, California	April 18–19, 2013	<a href="http://www.green-technology.org/gcsummit/">www.green-technology.org/gcsummit/</a>
<b>CARB Course 520: How To Comply with CARB Diesel Regulations</b>	Webinar series	April 23–25, 2013	<a href="https://ssl.arb.ca.gov/training/courses.php?course=520">https://ssl.arb.ca.gov/training/courses.php?course=520</a> (link also shows multiple onsite classes on various dates and in multiple locations)

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
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>
<b>2013 DOE Hydrogen and Fuel Cells and Vehicle Technologies Programs Annual Merit Review and Peer Evaluation Meeting</b>	<b>Arlington, Virginia</b>	<b>May 13–17, 2013</b>	<a href="http://www.annualmeritreview.energy.gov/">www.annualmeritreview.energy.gov/</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>
Air & Waste Management Association (A&WMA) Annual Conference—Toward Sustainability	Chicago, Illinois	June 25–28, 2013	<a href="http://ace2013.awma.org/">ace2013.awma.org/</a>
A&WMA: Climate Change—Impacts, Policy, and Regulation	Herndon, Virginia	September 10–11, 2013	<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>SAE 2013 Commercial Vehicle Engineering Congress (COMVEC)</b>	<b>Rosemont, Illinois</b>	<b>October 1–3, 2013</b>	<a href="http://www.sae.org/events/cve/">www.sae.org/events/cve/</a>
<b>2013 Railroad Environmental Conference</b>	<b>Urbana, Illinois</b>	<b>November 5–6, 2013</b>	<a href="http://ict.uiuc.edu/railroad/rrec/overview.php">ict.uiuc.edu/railroad/rrec/overview.php</a>
2014 Transportation Research Board (TRB) 93rd Annual Meeting	Washington, D.C.	January 12–16, 2014	<a href="http://www.trb.org/Main/Blurbs/168453.aspx">www.trb.org/Main/Blurbs/168453.aspx</a>

## MANUFACTURERS' NEWS

### Solar Energy Harnessed To Reduce Idling

Arpin Van Lines, a subsidiary of the Arpin Group of West Warwick, Rhode Island, has been testing a solar panel system to reduce idling. The company claims to have seen significant cost savings after 2 years. Mounted on trucks' rooftops, the photovoltaic system from eNow (Warwick, Rhode Island) captures solar energy and stores it in batteries. The stored energy allows truckers to run their in-cab systems while the vehicle engine is off.

According to eNow, other applications include powering lift gates, refrigeration units, and safety lighting. For more information, please visit [arpingroup.com/index.php/news/articles/arpin\\_renewable\\_energy\\_and\\_enow\\_form\\_partnership\\_to\\_provide\\_solar\\_powered\\_s](http://arpingroup.com/index.php/news/articles/arpin_renewable_energy_and_enow_form_partnership_to_provide_solar_powered_s) and [www.enowenergy.com/what-is-enow-solution](http://www.enowenergy.com/what-is-enow-solution).

## ELECTRIFIED PARKING SPACES

### Shorepower Showcases Six New Sites

According to a Shorepower Technologies press release, the company added six new sites between late December 2012 and late February 2013.

Locations include Williams, Iowa (Flying J Williams—24 connections for trucks and 3 for refrigeration units (reefers); Endee (Glenrio), New Mexico (Russell's Truck and Travel Center—24 connections for trucks and 5 for reefers); Hubbard, Ohio (Flying J Hubbard—24 connections for trucks and 5 for reefers); Clearfield, Pennsylvania (Sapp Brothers—24 connections for trucks and 5 for reefers); Lexington, Virginia (Lee Hi Travel Plaza—24 connections for trucks); and Little America, Wyoming (Little America—36 connections for trucks and 5 for reefers).

According to Dave Orton of Cascade Sierra Solutions, the Oregon nonprofit organization administering the DOE-funded Shorepower Truck Electrification Project (STEP), 45 of the 50 STEP sites are complete. The remaining five sites are scheduled to be operational by mid-May of this year.

For information about the steps drivers need to take to use Shorepower pedestals, please go to [shorepower.com/gettingstarted.html](http://shorepower.com/gettingstarted.html).

### IdleAir Opens Second Site in Dallas–Fort Worth Area

IdleAir has opened a new site at the DFW Oil Truck Stop in Dallas, Texas. The company now has two locations in the Dallas–Fort Worth area.

Jeff Tuck, IdleAir's COO, says that the company will soon expand its Texas network with new locations in Dallas and Laredo. For more information, please see

[www.idleair.com/news/idleair-opens-new-location-in-dallas-tx/?utm\\_source=BenchmarkEmail&utm\\_campaign=DFW\\_Location\\_Now\\_Open&utm\\_medium=email](http://www.idleair.com/news/idleair-opens-new-location-in-dallas-tx/?utm_source=BenchmarkEmail&utm_campaign=DFW_Location_Now_Open&utm_medium=email). Information about the number of spaces available at individual IdleAir sites is available at [www.idleair.com/for-drivers/number-of-active-spaces/](http://www.idleair.com/for-drivers/number-of-active-spaces/). (Photo: A FedEx truck hooks up at the IdleAir's newest installation, the DFW Oil Truck Stop in Dallas, Texas. Courtesy of IdleAir.)



## AireDock Announces Plans for a Third Texas Facility, Corporate Restructuring

Roger Southall, AireDock's new CEO, has announced the execution of an agreement with the North Central Texas Council of Governments (NCTCOG) that will lead the way for building AireDock's third Texas location. Once the company completes construction at the Bridgeport Truck Stop on U.S. 380, 20 idle reduction units will be available for truckers to use for cab comfort.

Additional changes at AireDock include moving corporate headquarters from Massachusetts to Florida. Mike Leahy is now General Manager, and Andy Warcaba has been appointed Director of Business Development. In addition, Mr. Warcaba is now serving as moderator for a new industry group called Idle Reduction and Commercialized Truck Parking ([www.linkedin.com/groups?home=&gid=3752954&trk=anet Ug\\_hm&goback=anp\\_3752954\\_1329429458435\\_1](http://www.linkedin.com/groups?home=&gid=3752954&trk=anet Ug_hm&goback=anp_3752954_1329429458435_1)). *Source:* Andy Warcaba, AireDock

## 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. 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	
<p>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.                      ** = A 550-lb exemption will take effect on July 1, 2013.</p>						

## 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)), which will be updated quarterly, 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 ([atri-online.org/2013/02/20/idling-regulations-compendium/](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 the 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

- 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 ([www.energyxtreme.net/idle-reduction/calculator-quote](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/))

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.

- 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 ([oe.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16](http://oe.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. 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 [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/).

## 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.

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