

# National Idling Reduction Network News

May 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://baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://adeq.state.ar.us/poa/sba/envloans.htm">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://arb.ca.gov/ba/loan/on-road/documents/hdloanprogram.pdf">arb.ca.gov/ba/loan/on-road/documents/hdloanprogram.pdf</a>
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	~\$3.1 million (as of May 30, 2013)	Rolling deadline until funds are awarded.	<a href="http://californiahvip.org/">californiahvip.org/</a>
Illinois Environmental Protection Agency (EPA)	Illinois Clean Diesel Grant Program	\$294,517	Rolling deadline until funds are awarded.	<a href="http://illinoisgreenfleets.org/">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://illinoisgreenfleets.org/">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://pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html">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://turnyouengineoff.org/campaign_recognition.html">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://portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2">portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2</a>
<b>The Port of Los Angeles and the Port of Long Beach</b>	<b>Ocean-Going Vessel Technology to Reduce Main Engine Emissions at the Port of Long Beach and the Port of Los Angeles: Request for Information</b>	<b>Not applicable</b>	<b>July 19, 2013</b>	<a href="http://cleanairactionplan.org/civica/filebank/blobload.asp?BlobID=2564">cleanairactionplan.org/civica/filebank/blobload.asp?BlobID=2564</a>
<b>U.S. EPA</b>	<b>National Clean Diesel Funding Assistance Program, FY 2013 Request for Proposals</b>	<b>~\$9 million</b>	<b>June 25, 2013</b>	<a href="http://epa.gov/cleandiesel/prgnational.htm">epa.gov/cleandiesel/prgnational.htm</a>
Maryland Energy Administration	Maryland Idle Reduction Technology Grant Program	\$142,000	August 16, 2013	<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://epa.ohio.gov/oef/schoolbus.aspx">epa.ohio.gov/oef/schoolbus.aspx</a>
Ohio EPA	Ohio Diesel Emissions Reduction Grant (DERG) Program	Indeterminate	September 1, 2013	<a href="http://epa.state.oh.us/oef/derg.aspx">epa.state.oh.us/oef/derg.aspx</a>
Government of Canada	Shore Power Technology for Ports Program	Can\$27.2 million	September 30, 2013	<a href="http://tc.gc.ca/eng/programs/environment-sptp-2681.htm">tc.gc.ca/eng/programs/environment-sptp-2681.htm</a>

## REGULATORY NEWS

### Vermont Passes Idling Law

It took about a decade, but Vermont will join its New England neighbors in a state-level idling restriction. On May 30, Vermont Governor Peter Shumlin signed into law Senate Bill (S) 150, a bill that includes a provision to restrict motor-vehicle idling to 5 minutes in a 60-minute period. All vehicles—not just heavy-duty trucks—will be subject to the law. The restriction will take effect on May 1, 2014.

The measure includes many exemptions, including emergency vehicles, armored vehicles, and truck driver rest-period idling. There is also an exemption for motor vehicles weighing less than 10,000 lb in private driveways or parking areas. The penalty for a first offense will be no more

than \$10; for a second offense, no more than \$50; and for a third or subsequent violation, no more than \$100.

An additional provision requires that all driver education courses include information about the effects of unnecessary idling and the law restricting it. This section takes effect on July 1, 2013.

Please see [idlefreevt.org/legislation.html](http://idlefreevt.org/legislation.html) for more information. *Sources:* Wayne Michaud, Idle-Free VT, and Rebecca Ryan, American Lung Association of the Northeast

### 550-Pound APU Exemption Advances in Multiple States

State lawmakers have been busy seeking to increase the allowed weight for APUs on heavy-duty trucks from 400 lb to 550 lb, as permitted by Moving Ahead for Progress in the 21st Century (MAP-21). In March, based on the passage of House Bill (HB) 1985, Virginia amended its code to allow the increased weight (see [lis.virginia.gov/cgi-bin/legp604.exe?131+ful+CHAP0118](http://lis.virginia.gov/cgi-bin/legp604.exe?131+ful+CHAP0118)). In Minnesota, legislators passed, and Governor Mark Dayton approved, Senate File (SF) 1270, an omnibus transportation policy bill, one section of which allows the increased weight. The allowance is effective immediately ([revisor.mn.gov/bills/bill.php?b=Senate&f=SF1270&ssn=0&y=2013](http://revisor.mn.gov/bills/bill.php?b=Senate&f=SF1270&ssn=0&y=2013)). Tennessee

increased the weight exemption earlier this year, but the provision does not take effect until July 1.

Legislators in Missouri and New Hampshire have passed bills supporting the APU weight increase, but these bills have not yet been signed into law. To follow the status of Missouri's Senate Bill (SB) 43, please see [senate.mo.gov/13info/pdf-bill/tat/SB43.pdf](http://senate.mo.gov/13info/pdf-bill/tat/SB43.pdf). Information about New Hampshire's HB196 is available at [openstates.org/nh/bills/2013/HB196/](http://openstates.org/nh/bills/2013/HB196/).

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
California Energy Commission	2013–2014 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program	<a href="http://energy.ca.gov/2012-ALT-2/">energy.ca.gov/2012-ALT-2/</a>
Long Beach Board of Harbor Commissioners	Shore Power Summit [presentation]	<a href="http://longbeach.granicus.com/MediaPlayer.php?view_id=18&amp;clip_id=6470">longbeach.granicus.com/MediaPlayer.php?view_id=18&amp;clip_id=6470</a>
Oak Ridge National Laboratory	ORNL Operations Best Practices Guide: Idle Reduction	<a href="http://bnl.gov/earthday/docs/ORNL-Idle-Reduction-Guide.pdf">bnl.gov/earthday/docs/ORNL-Idle-Reduction-Guide.pdf</a>

## UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
<b>CARB Public Workshop on the Development of Improved Mobile Source Planning Tools for Air Quality Assessment</b>	<b>Sacramento, California (also webcast)</b>	<b>June 5, 2013</b>	<a href="http://arb.ca.gov/msei/public-workshop-june-5-2013-sacto.pdf">arb.ca.gov/msei/public-workshop-june-5-2013-sacto.pdf</a>
<b>Implementing Best Business Practices: Solutions to the Top Ten Challenges Facing Fleet Managers in 2013</b>	<b>Milwaukee, Wisconsin</b>	<b>June 7, 2013</b>	<a href="http://the100bestfleets.com/s_milwaukee.htm">the100bestfleets.com/s_milwaukee.htm</a>
Government Fleet Expo & Conference (GFX)	San Antonio, Texas	June 10–12, 2013	<a href="http://governmentfleetexpo.com/">governmentfleetexpo.com/</a>
<b>Northeast Diesel Collaborative Webinar—Funding Opportunities</b>	<b>Webinar</b>	<b>June 11, 2013</b>	<a href="http://northeastdiesel.org/index.html">northeastdiesel.org/index.html</a>
<b>CARB Course 520: How To Comply with CARB Diesel Regulations</b>	<b>Diamond Bar, California—June 14, 2013</b> <b>Greenville, California—June 20, 2013</b> <b>San Jose, California—June 25, 2013</b> <b>San Leandro, California—June 26, 2013</b>		<a href="http://arb.ca.gov/training/courses.php?course=520">arb.ca.gov/training/courses.php?course=520</a>
Alternative Clean Transportation (ACT) Expo	Washington, D.C.	June 24–27, 2013	<a href="http://actexpo.com/index.html">actexpo.com/index.html</a>
Air & Waste Management Association (AWMA) Annual Conference—Toward Sustainability	Chicago, Illinois	June 25–28, 2013	<a href="http://ace2013.awma.org/">ace2013.awma.org/</a>

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
AWMA: 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://greenfleetconference.com/">greenfleetconference.com/</a>
SAE 2013 Commercial Vehicle Engineering Congress (COMVEC)	Rosemont, Illinois	October 1–3, 2013	<a href="http://sae.org/events/cve/">sae.org/events/cve/</a>
2013 Railroad Environmental Conference	Urbana, Illinois	November 5–6, 2013	<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://trb.org/Main/Blurbs/168453.aspx">trb.org/Main/Blurbs/168453.aspx</a>
<b>SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)</b>	<b>Washington, D.C.</b>	<b>January 22–24, 2014</b>	<a href="http://sae.org/events/gim/">sae.org/events/gim/</a>

## MANUFACTURERS' NEWS

### Thermo King Launches TriPac Evolution

Thermo King is launching its newest APU, the EPA Tier IV–compliant TriPac Evolution. The APU includes a 13,000-BTU A/C system, a 7,500-BTU fuel-powered heater, and a 65-amp alternator. It monitors and maintains battery voltage and engine coolant temperatures for reliable tractor-engine starts.

With a three-knob controller and software that allows user customization (the control system is flash loadable), the TriPac Evolution is 50 lb lighter than its TriPac predecessor and has an extended (1,500-hour) service interval. More information is available at [na.thermoking.com/tk-innovation/global/en/products/apu.html](http://na.thermoking.com/tk-innovation/global/en/products/apu.html).

## ELECTRIFIED PARKING SPACES

### IdleAir Adopts New Pricing Plan, Opens New Location

IdleAir has announced a new pricing plan that will take effect on June 3 and remain in place through the remainder of 2013. The company's premium service will cost \$2.19/hour, up from \$2.09/hour, for the first 10 hours. After 10 hours of continuous service, the extended stay discount automatically reduces the hourly cost to \$1.69. The cost of ConvoyTV+Power, introduced in January and available at select locations,

remains at \$1.49/hour. At IdleAir's Ripon, California, location, site prices will be slightly higher because of increased utility costs.

In other news, IdleAir has opened a new location in Dallas, Texas (Flying J on I-20). With the addition of this site, IdleAir now operates 33 sites in 12 states. The company is also expanding dedicated terminal solutions for fleet customers, who receive discounted pricing and customized services and

support. The newest such facility is being constructed at a customer terminal in Mesquite, Texas.

For more information, please go to [idleair.com/news/new-prices-frozen-through-2013/](http://idleair.com/news/new-prices-frozen-through-2013/) and [idleair.com/news/idleair-expands-dedicated-terminal-solutions/](http://idleair.com/news/idleair-expands-dedicated-terminal-solutions/).

## PORTS

### Port of Long Beach Completing \$100 Million Dockside-Power Projects

In recent years, shore power—which allows vessels at berth to plug in for electricity rather than run their diesel engines for power—has gained traction as a way to reduce emissions at major ports. According to the Port of Long Beach (POLB), which is completing a \$100 million dockside power project, shore power reduces air pollution from ships at berth by 95%. POLB currently has shore power at four berths on three piers; 12 more berths at five piers are under construction.

While Southern California Edison is installing a new transmission system to meet the increased power demand, POLB vessel operators are retrofitting

existing ships and building new ships. California law requires that, by January 1, 2014, vessel operators plug in half of all cargo, cruise, and refrigerated vessels and reduce emissions by one half.

At an early-May shore-power summit at POLB, officials stated that emissions reductions associated with plugging in a container ship for a single day are the equivalent of taking 33,000 cars off the roads. The link [polb.com/civica/filebank/blobdload.asp?BlobID=11149](http://polb.com/civica/filebank/blobdload.asp?BlobID=11149) contains the summit presentation. To see a video about shore power at POLB, please go to [polb.com/about/pulse.asp](http://polb.com/about/pulse.asp).

### Delta Airlines Electrifies Ground-Support Equipment in Atlanta

Delta Airlines and Atlanta's Center for Transportation and the Environment (CTE) recently completed a project to repower 35 pieces of diesel ground-support equipment (GSE). The newly electrified GSE units—24 belt loaders and 11 container loaders—operate at Hartsfield-Jackson Airport's International Terminal F, where each of the 12 gates is equipped with electric chargers.

According to the U.S. EPA, over the lifetime of the equipment, the project will enable Delta Airlines to reduce diesel fuel consumption by 1+ million gallons, preventing the emission of an estimated 18.5 tons of particulate matter (PM), 95.8 tons of carbon monoxide (CO), and 11,503 tons of carbon dioxide (CO<sub>2</sub>).

CTE will collect and analyze data for the repowered GSE, including electricity consumed, in its first year of service. Comparison of the pre- and post-conversion data will enable an analysis of the costs and emissions associated with electric loaders compared to their diesel counterparts.

This repower project, completed in cooperation with U.S. EPA Region 4 and in partnership with Clean Cities Atlanta, was funded through a \$1.4 million grant from the U.S. EPA under the National Clean Diesel Funding Assistance Program. For more information, please see [yosemite.epa.gov/opa/admpress.nsf/6427a6b7538955c585257359003f0230/21f99561a6f924c785257b67004ddf7c!OpenDocument](http://yosemite.epa.gov/opa/admpress.nsf/6427a6b7538955c585257359003f0230/21f99561a6f924c785257b67004ddf7c!OpenDocument) and [cleancitiesatlanta.net/grants-a-projects/delta](http://cleancitiesatlanta.net/grants-a-projects/delta).

## RAILROADS

### Seattle-Tacoma: Wayside Power for Trains on Layover

Serving the Seattle and Tacoma areas, Sound Transit has teamed up with the Washington State Department of Ecology (DEC) to install six wayside power units (WPU) at its commuter-rail layover facility in Lakewood, Washington. The WPUs, which will become operational in June, provide grid electricity for stationary locomotives' power needs.

Through the state's clean diesel grant program, DEC provided \$400,000, covering the cost of two WPUs. Sound Transit covered the cost of the four remaining WPUs.

According to the state DEC's Frank van Haren, each wayside power unit is expected to eliminate about 2,563 hours of locomotive idling per year, based on a similar project conducted in Tacoma. Annually, the six WPUs will eliminate nearly half a ton of diesel PM and more than 1,500 tons of CO<sub>2</sub>.

To learn more about emission-control technologies for stationary locomotives, please see [epa.gov/otaq/regs/nonroad/locomotv/420f08014.pdf](http://epa.gov/otaq/regs/nonroad/locomotv/420f08014.pdf).

*Source:* Frank van Haren, Washington State Department of Ecology. (Photos: Courtesy of Sound Transit)



## OTHER NEWS OF INTEREST

### Cascade Sierra Solutions Opens New Outreach Center in Dallas

On May 30, North Central Texas Council of Governments (NCTCOG) and Cascade Sierra Solutions (CSS) held a grand opening for a freight efficiency outreach center in the southern part of Dallas, Texas. While CSS has a number of such centers along the West Coast I-5 freight corridor, this center is the first in its region.

CSS freight efficiency outreach centers are designed to provide programs and technical assistance to help the trucking industry maximize efficiency, saving money and reducing emissions for healthier air. The new center, which includes a product showroom, is funded through a \$486,767 U.S. EPA

grant and about a quarter of a million dollars from CSS. According to NCTCOG, CSS's partner in the project, 10 counties in the Dallas–Fort Worth area are in nonattainment for ozone and have until 2018 to meet the U.S. EPA standard.

For more information, please go to [truckinginfo.com/news/story/2013/05/new-partnership-formed-to-help-trucks-operate-more-efficiently.aspx](http://truckinginfo.com/news/story/2013/05/new-partnership-formed-to-help-trucks-operate-more-efficiently.aspx) and [epa.gov/statelocalclimate/local/showcase/nctexas.html](http://epa.gov/statelocalclimate/local/showcase/nctexas.html).

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## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The Alternative Fuels Data Center (AFDC) of the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) identifies types of heavy-duty idling reduction equipment and provides links to some manufacturers at

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

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### 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 Auxiliary Power Unit Weight 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	<i>MINNESOTA</i>	New Mexico	<i>Rhode Island</i>	Washington	
<p><b>Legend:</b> Allows a 400-lb exemption by law; <i>ALLOWS A 550-LB EXEMPTION BY LAW</i>; Allows a 400-lb exemption by enforcement policy rather than by law; <i>Does not permit an APU weight exemption.</i></p> <p>* = Bills to increase the weight exemption to 550 lb. await governor's signature.</p> <p>** = 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 recently 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 [afdc.energy.gov/laws/](http://afdc.energy.gov/laws/). Let us know if any information needs to be changed or updated. Additionally, the U.S. 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), [dieselmidatlantic.org/diesel/funding.htm](http://dieselmidatlantic.org/diesel/funding.htm); Southeast Diesel Collaborative (Region 4), [southeastdiesel.org/funding.html](http://southeastdiesel.org/funding.html); Midwest Clean Diesel Initiative (Region 5), [epa.gov/midwestcleandiesel/grants/index.html](http://epa.gov/midwestcleandiesel/grants/index.html); Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), [blueskyways.org/funding/index.html](http://blueskyways.org/funding/index.html); Rocky Mountain Clean Diesel

Collaborative (EPA Region 8), [epa.gov/region8/air/rmcdc/](http://epa.gov/region8/air/rmcdc/); and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico),

[westcoastcollaborative.org/funding-opportunities.htm](http://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 ([transportation.anl.gov/engines/idling.html](http://transportation.anl.gov/engines/idling.html))—choose a calculator from the right side of the Web page)
- Bergstrom ([us.bergstrominc.com/nite-calculate-savings/](http://us.bergstrominc.com/nite-calculate-savings/))
- DOE Clean Cities program ([afdc.energy.gov/afdc/prep/](http://afdc.energy.gov/afdc/prep/))
- Dynasys ([dynasysapu.com/savings-calculator](http://dynasysapu.com/savings-calculator))
- Energy Xtreme ([energyxtreme.net/idle-reduction/calculator-quote](http://energyxtreme.net/idle-reduction/calculator-quote))
- Espar ([espar.com/html/service/calculator/calculator.html](http://espar.com/html/service/calculator/calculator.html))
- Hotstart ([hotstart.com/fuel-consumption-calculator/](http://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))

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.

- Kohler Power Systems ([kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102](http://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 ([odysseybattery.com/fleet.html](http://odysseybattery.com/fleet.html))
- Thermo King ([thermoking.com/tripac/](http://thermoking.com/tripac/))
- Webasto ([techwebasto.com/calculators/heater/heater\\_fuel\\_calculator\\_us.htm](http://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 33 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at [afdc.energy.gov/afdc/locator/tse](http://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 [afdc.energy.gov/afdc/locator/tse/](http://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 [eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://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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### Editor

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