



# National Idling Reduction Network News

June 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/hdvloanprogram.pdf">arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf</a>
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	<b>~\$730,000 (as of June 28, 2013)</b>	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>
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://turnyourengineoff.org/campaign_recognition.html">turnyourengineoff.org/campaign_recognition.html</a>

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June 2013

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
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>U.S. Department of Energy (DOE)</b>	<b>Fuel Cell Hybrid Electric Medium Duty Trucks, Roof-Top Backup Power, and Advanced Hydrogen Refueling Components</b>	<b>\$9 million</b>	<b>July 11, 2013</b>	<a href="http://eere-exchange.energy.gov/#Foald2cf4a534-a856-4316-ba8b-b0eed210a393">eere-exchange.energy.gov/#Foald2cf4a534-a856-4316-ba8b-b0eed210a393</a>
The Port of Los Angeles and the Port of Long Beach	Ocean-Going Vessel Technology To Reduce Main Engine Emissions at the Port of Long Beach and the Port of Los Angeles: Request for Information	Not applicable	July 19, 2013	<a href="http://cleanairactionplan.org/civica/filebank/blobdload.asp?BlobID=2564">cleanairactionplan.org/civica/filebank/blobdload.asp?BlobID=2564</a>
<b>U.S. EPA</b>	<b>Border Environmental/ Border 2020 U.S. – Mexico Environmental Program</b>	<b>\$1 million</b>	<b>July 31, 2013</b>	<a href="http://epa.gov/border2020/request-proposals-2013">epa.gov/border2020/request-proposals-2013</a>
<b>Wisconsin State Energy Office</b>	<b>Diesel Truck Idling Reduction Grant Program</b>	<b>\$1 million</b>	<b>August 9, 2013</b>	Contact <a href="mailto:doadtip@Wisconsin.gov">doadtip@Wisconsin.gov</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>
<b>California Energy Commission</b>	<b>Used Medium-Duty Electric Vehicle Repower Demonstration</b>	<b>\$1.7 million</b>	<b>August 21, 2013</b>	<a href="http://energy.ca.gov/contracts/PON-13-602/00-Application%20Manual%20PON-13-602.pdf">energy.ca.gov/contracts/PON-13-602/00-Application%20Manual%20PON-13-602.pdf</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	~\$300,000	September 1, 2013	<a href="http://epa.ohio.gov/oeef/schoolbus.aspx">epa.ohio.gov/oeef/schoolbus.aspx</a>
Ohio EPA	Ohio Diesel Emissions Reduction Grant (DERG) Program	Indeterminate	September 1, 2013	<a href="http://epa.state.oh.us/oeef/derg.aspx">epa.state.oh.us/oeef/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

### New Hampshire Increases Weight Exemption, Florida's Weight Exemption Bill Dies

In New Hampshire, which adopted the 400-lb APU weight exemption only last year, Governor Maggie Hassan signed into law House Bill (HB) 196, which increases the allowed extra weight for APUs to 550 lb. The exemption is effective immediately. For details of the bill, please go to [gencourt.state.nh.us/bill\\_status/Bill\\_status.aspx?lsr=607&sy=2013&sortoption=&txtsessionyear=2013&txtbillnumber=hb196](http://gencourt.state.nh.us/bill_status/Bill_status.aspx?lsr=607&sy=2013&sortoption=&txtsessionyear=2013&txtbillnumber=hb196). Missouri Senate Bill SB43,

which seeks to increase the weight exemption to 550 lb, still awaits Governor Jay Nixon's signature.

Florida's HB 7127, a comprehensive bill covering issues from passenger rail to increasing the APU weight exemption to 550 lb, died. For more information, please go to [myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=50858](http://myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=50858).

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### IdleBase Updated

IdleBase, the U.S. DOE Clean Cities program's recently launched database of idling regulations, has been updated to reflect recent changes in law brought to our attention by readers of this newsletter. Updates include state and municipal regulations, as well as municipal fleet regulations. Each state has a "last checked/updated" field and includes contact information for the reporting of omissions or changes in law.

Organized by state, IdleBase provides the following information:

- Where the law (e.g., regulation, ordinance, or code) applies;
- Vehicle type(s) affected by the law;
- Description of the idling restriction;
- Exemptions to the idling restriction;
- Consequences of infractions (when known);

- Name or title of the law; and
- Hyperlink leading to the law or, in cases where a direct link is not possible, the website containing the law.

IdleBase is useful not just for drivers and fleet managers, but for policy-makers and others who would like to see how other governmental bodies seek to reduce unnecessary idling.

IdleBase ([cleancities.energy.gov/idlebase](http://cleancities.energy.gov/idlebase)) is provided as a reference tool for users' convenience. Because laws may change with little warning, users are strongly encouraged to crosscheck current laws. Those who note any inaccuracies or out-of-date content are asked to send a message to [idlingreduction@anl.gov](mailto:idlingreduction@anl.gov).

## CARB Updates Guidance for TRUs, To Begin Audits

CARB has issued an updated regulatory guidance document, “Transport Refrigeration Units [TRUs]: Alternative Technology Compliance Strategies—Electric Standby and Hybrid Electric Systems.” In the coming months, the agency will perform audits of TRUs.

TRUs equipped with electric standby or hybrid-electric systems are considered to be in compliance with the TRU regulation’s standards if they are used in a way that qualifies them as an “alternative technology.” To be in compliance, TRUs must be plugged in (for electric power) when parked at any nonretail delivery or pick-up location while loaded with perishable

goods and during initial chill-down. At retail delivery points, TRU engine operation must not exceed 30 minutes. If engine operating time will exceed 30 minutes at these locations, the TRU must be plugged in. Compliance also requires automated recordkeeping and reporting, which is being phased in now.

CARB explains the updated regulatory guidance requirements, the phase-in schedule, and specifications for businesses interested in providing electronic tracking systems with automated recordkeeping and reporting at [arb.ca.gov/diesel/tru/documents/guidance\\_electricstandby\\_ets.pdf](http://arb.ca.gov/diesel/tru/documents/guidance_electricstandby_ets.pdf).

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Buckeye Central Local School District (Crawford County, Ohio)	Ohio EPA	Installation of emission reduction equipment on 4 school buses and anti-idling equipment on 5 school buses	\$17,558
Huber Heights City Schools (Montgomery County, Ohio)	Ohio EPA	Installation of emission controls on 6 school buses and anti-idling equipment on 40 school buses	\$98,152
Greater Baton Rouge Clean Cities Coalition	Louisiana Department of Environmental Quality	Installation of a truck-stop electrification (TSE) project in West Baton Rouge, Louisiana, with project partner IdleAir	\$200,633
Idle-Free VT	Vermont Department of Health	Support for “Idle-Free for Fleet\$,” an outreach project to educate fleet vehicle operators about idling reduction	\$5,000

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
CARB	Black Carbon and the Regional Climate of California	<a href="http://arb.ca.gov/research/apr/past/08-323.pdf">arb.ca.gov/research/apr/past/08-323.pdf</a>
CARB	Improving Mobile Source Planning Tools	<a href="http://arb.ca.gov/msei/emfac_june_workshop_06_05_2013_final.pdf">arb.ca.gov/msei/emfac_june_workshop_06_05_2013_final.pdf</a>

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June 2013

SOURCE	TITLE	WEBSITE OR CONTACT
Community Television Network, Ann Arbor, Michigan	The Truths on Idling [video]	<a href="http://a2cititv.pegcentral.com/player.php?video=ec48202905d93fe9db6ca0328eb67e29">a2cititv.pegcentral.com/player.php?video=ec48202905d93fe9db6ca0328eb67e29</a>
Green Truck Association	Growing Interest in Electrification Systems: A Whitepaper for Work Truck Industry Professionals	<a href="http://greentruckassociation.com/ElectrificationSystemsAWhitepaper/tabid/171/Default.aspx?utm_source=GTA+Insider_June+19%2C+2013&amp;utm_campaign=GTA+Insider_061913&amp;utm_medium=email">greentruckassociation.com/ElectrificationSystemsAWhitepaper/tabid/171/Default.aspx?utm_source=GTA+Insider_June+19%2C+2013&amp;utm_campaign=GTA+Insider_061913&amp;utm_medium=email</a> (requires GTA membership)
Navigant Research	Electric Vehicle Market Forecasts	Summary and ordering information available at <a href="http://navigantresearch.com/research/electric-vehicle-market-forecasts">navigantresearch.com/research/electric-vehicle-market-forecasts</a>
American Public Media	Shut Off Your Engines Please: One Man's Mission [interview with George Pakenham]	<a href="http://thestory.org/stories/2013-06/shut-your-engines-please-one-man-s-mission">thestory.org/stories/2013-06/shut-your-engines-please-one-man-s-mission</a>
National Truck Equipment Association (NTEA)	Reducing Fuel Costs the Old Fashioned Way	<a href="http://ntea.com/content.aspx?id=29302&amp;utm_source=Fleet+Affiliation_June+2013+Editi on&amp;utm_campaign=Fleet+Affiliation_061413&amp;utm_medium=email">ntea.com/content.aspx?id=29302&amp;utm_source=Fleet+Affiliation_June+2013+Editi on&amp;utm_campaign=Fleet+Affiliation_061413&amp;utm_medium=email</a>
Washtenaw County, Michigan	Unnecessary Engine Idling [video tutorial]	<a href="http://secure2.ewashtenaw.org/hosting/Professional_Development/Unnecessary_Engine_Idling/player.html">secure2.ewashtenaw.org/hosting/Professional_Development/Unnecessary_Engine_Idling/player.html</a>
Transportation Research Board (TRB)	Integrating Environmental Sustainability into Airport Contracts	<a href="http://trb.org/main/blurbs/169023.aspx">trb.org/main/blurbs/169023.aspx</a>

## UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
<b>CARB Course 520: How To Comply with CARB Diesel Regulations</b>	<b>Webinar</b>	<b>July 16, 2013</b>	<a href="http://arb.ca.gov/training/courses.php?course=520">arb.ca.gov/training/courses.php?course=520</a> (link also shows multiple onsite classes on various dates and in multiple locations)
<b>Wisconsin Clean Cities and the Wisconsin State Energy Office Alternative Fuel and Advanced Technology School Bus Workshop</b>	<b>Green Bay, Wisconsin</b>	<b>July 16, 2013</b>	Contact <a href="mailto:EmilyDeVillers@WiCleanCities.org">EmilyDeVillers@WiCleanCities.org</a>
AWMA: Climate Change—Impacts, Policy, and Regulation	Herndon, Virginia	September 10–11, 2013	<a href="http://climatechange.awma.org/">climatechange.awma.org/</a>
<b>Society of Automotive Engineers (SAE) 2013 Heavy Duty Vehicles Symposium: Technologies for High Efficiency and Fuel Economy</b>	<b>Rosemont, Illinois</b>	<b>September 29–30, 2013</b>	<a href="http://sae.org/events/hehdv/">sae.org/events/hehdv/</a>
Green Fleet Conference	Phoenix, Arizona	October 1–2, 2013	<a href="http://greenfleetconference.com/">greenfleetconference.com/</a>

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
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>
<b>High-Efficiency Truck Users Forum (HTUF) National Meeting 2013</b>	<b>Chicago, Illinois</b>	<b>October 7–9, 2013</b>	<a href="http://conferences.stagedrightevents.com/htuf/">conferences.stagedrightevents.com/htuf/</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 TRB 93rd Annual Meeting	Washington, D.C.	January 12–16, 2014	<a href="http://trb.org/AnnualMeeting2014/AnnualMeeting2014.aspx">trb.org/AnnualMeeting2014/AnnualMeeting2014.aspx</a>
SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 22–24, 2014	<a href="http://sae.org/events/gim/">sae.org/events/gim/</a>

## MANUFACTURERS' NEWS

### Bergstrom and eNow Partner for Solar-Powered Idling Reduction

Bergstrom (Rockford, Illinois), manufacturer of cab-climate systems for heavy-duty commercial trucks and other vehicles, announced that it has entered a partnership with Warwick, Rhode Island–based eNow. eNow designs, develops, and manufactures solar-based auxiliary power systems for medium- and heavy-duty trucks, commercial buses, school buses, and military vehicles. Bergstrom and eNow will market their CARB-approved, complementary idling reduction products in North America and Europe.

According to a Bergstrom press release, eNow's proprietary solar panels generate power that is then stored in an on-board battery system and

distributed to various truck/trailer functions, such as Bergstrom's battery-powered NITE no-idle system, as needed. eNow's solar charging systems range from 30 W (a level to keep batteries charged) to 6,400-W systems for refrigeration applications.

To learn more about eNow, please visit [enowenergy.com](http://enowenergy.com). More information about the partnership is available at [us.bergstrominc.com/news/2013/06/17/bergstrom-inc-enters-strategic-partnership-with-enow-a-solar-energy-solutions-company-for-the-transportation-industry/](http://us.bergstrominc.com/news/2013/06/17/bergstrom-inc-enters-strategic-partnership-with-enow-a-solar-energy-solutions-company-for-the-transportation-industry/).

### Idle Free Systems Announces 2012 Sales Success

Idle Free Systems (Madison, Wisconsin), manufacturer of electric idle elimination devices for sleeper trucks, refrigerated trucks, and school buses, announced that, in 2012, it achieved a 250% year-over-year growth in sales of its Idle Free electric APU. The company's APUs provide air conditioning, heat, and 120-V electricity for computers, televisions, and other hotel needs.

According to Idle Free Systems, its APUs may be powered by a battery-based system (energy produced by the engine's alternator is captured and stored in an absorbed glass mat [AGM] battery bank), shore power, or its patented technology, Reefer Link™, which makes energy from the refrigerated unit available to power a truck operator's HVAC and hotel needs. For more information, please see [idlefreesystems.com](http://idlefreesystems.com).



## OTHER NEWS OF INTEREST

### New Web-Based Information Tools Available

The newly launched Advanced Energy Legislation Tracker ([aeltracker.org/](http://aeltracker.org/)) enables users to access energy-related legislation for all 50 states. Legislation is organized into 10 categories, including regulatory, transportation, and emissions. This legislative tracking tool, which is free to users, is a good complement to the Alternative Fuels Data Center (AFDC) Federal & State Laws & Incentives database ([afdc.energy.gov/laws/](http://afdc.energy.gov/laws/)). While the AFDC's database provides summaries of existing regulations, laws, and

incentives, the Advanced Energy Legislation Tracker covers legislation currently under consideration.

Another recently launched online tool is the Clean Diesel Clearinghouse (CDHC), which helps users identify the best available technology (BAT), including verified products, for the retrofit of diesel vehicles and equipment. For more information, please go to [cleandieselfclearinghouse.org/](http://cleandieselfclearinghouse.org/).

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## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The AFDC of the 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 [afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html) and

[afdc.energy.gov/conserve/idle\\_reduction\\_related.html](http://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 [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	TENNESSEE	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 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>* = Bill to increase the weight exemption to 550 lb awaits governor's signature.</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)) 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) has 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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