

# National Idling Reduction Network News

June 2012

## SOLICITATIONS FOR FUNDING AND AWARDS

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

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Bay Area Air Quality Management District (BAAQMD)	Carl Moyer Memorial Air Quality Standards Attainment Program	\$14 million	First come, first served.	<a href="http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
North Carolina Department of Environment and Natural Resources	2011 Idle Reduction Devices Rebate Program	\$100,000 (as of June 28, 2012)	First come, first served.	<a href="http://daq.state.nc.us/motor/Rebates/">http://daq.state.nc.us/motor/Rebates/</a>
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	<a href="http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf">http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (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">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</a>
Metropolitan Washington Council of Governments (COG), in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment	Driver Recognition Program—Diesel Idle Reduction Campaign	N/A	Rolling deadline—the 15th of every month.	<a href="http://www.turnyourengineoff.org/campaign_recognition.html">http://www.turnyourengineoff.org/campaign_recognition.html</a>
Utah Department of Environmental Quality	Utah Clean Diesel Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.cleandiesel.utah.gov/">http://www.cleandiesel.utah.gov/</a>

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	N/A	<a href="http://www.adeq.state.ar.us/poa/sba/envloans.htm">http://www.adeq.state.ar.us/poa/sba/envloans.htm</a>
New York State Energy Research and Development Authority (NYSERDA)	2011 Electric Vehicle Supply Equipment (EVSE) Demonstration and Support Program	~\$4 million	July 25, 2012	<a href="http://www.nysERDA.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx">http://www.nysERDA.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx</a>
Cascade Sierra Solutions	Shorepower Truck Electrification Project (STEP) Rebate Program	Rebates for battery HVAC systems are the only remaining	<b>August 1, 2012, or until committed</b>	<a href="https://csswebform.org/WebForm/TSE_home.aspx">https://csswebform.org/WebForm/TSE_home.aspx</a>
<b>North Central Texas Council of Governments (NCTCOG)</b>	<b>Regional Idling Reduction Program</b>	<b>\$326,000+</b>	<b>August 31, 2012</b>	<a href="http://www.nctcog.org/aqfunding">www.nctcog.org/aqfunding</a>
Ohio Environmental Protection Agency (EPA)	Clean Diesel School Bus Fund Retrofit Grants Program	\$300,000	<b>September 28, 2012</b>	<a href="http://www.epa.ohio.gov/oeef/schoolbus.aspx">http://www.epa.ohio.gov/oeef/schoolbus.aspx</a>
<b>NYSERDA</b>	<b>New York State Clean Air School Bus Program, Round 3</b>	<b>~\$2.6 Million</b>	<b>December 28, 2012</b>	<a href="http://www.nysERDA.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-1896-New-York-State-Clean-Air-School-Bus-Program.aspx">http://www.nysERDA.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-1896-New-York-State-Clean-Air-School-Bus-Program.aspx</a>

## REGULATORY

### Utah Governor's Executive Order Restricts Idling of State Vehicles

On May 31, Utah Governor Gary Herbert signed an executive order requiring that all state vehicles be turned off whenever their drivers expect to be stationary for more than 30 seconds. The move is expected to not only help improve air quality, but the bottom line; for its 7,300 vehicles, the state anticipates saving up to 60,000 gallons of fuel annually, according to the Governor's office. Exceptions to the 30-second rule include fleet vehicles

that must have their engines running for safety or specific job functions. The initiative will be enacted on an agency-by-agency basis, with the Utah Department of Environmental Quality and Utah Department of Administrative Services' Division of Fleet Operations providing outreach and education.

Earlier this year, Utah passed what might be called an anti-anti-idling law. This law, which became effective on May 8, 2012, prohibits local highway authorities from enacting idling ordinances unless the ordinance: is “primarily educational”; allows that a motorist be issued at least three warning citations before receiving a fine; and has the same fine structure as that of parking violations.

For more information, please see [http://www.utah.gov/governor/news\\_media/article.html?article=7154](http://www.utah.gov/governor/news_media/article.html?article=7154). The text of the executive order is available at <http://ucair.utah.gov/aboutucair/news/docs/idleeofinal.pdf>.

## EPA Proposes New PM<sub>2.5</sub> Standard

On June 14, the U.S. EPA proposed to strengthen the National Ambient Air Quality Standards (NAAQS) for the emission of fine particulate matter (particles 2.5 micrometers [µm] or smaller, also called PM<sub>2.5</sub>). The annual health standard would reduce the acceptable amount of PM<sub>2.5</sub> from 15 micrograms per cubic meter (µg/m<sup>3</sup>), a standard that has been in place since 1997, to within the range of 12 to 13 (µg/m<sup>3</sup>).

The current 24-hour fine particle standard, 35 µg/m<sup>3</sup>, set in 2006, would remain unchanged, as would existing standards for coarse particle pollution (PM<sub>10</sub>). The EPA projects that 99% of U.S. counties will meet the

proposed new PM<sub>2.5</sub> standard by 2020. For those counties where PM<sub>2.5</sub> levels are high, one possible outcome of more-stringent PM<sub>2.5</sub> standards could be the institution of new, or stricter, idling laws.

The EPA is seeking input on the proposed new PM<sub>2.5</sub> standard; the comment period closes August 16, 2012. For an overview of the proposed standards, please go to <http://www.epa.gov/air/particlepollution/2012/fsoverview.pdf>. The link <http://www.epa.gov/airquality/particlepollution/actions.html> contains more information.

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
4M Fruit Distributors (Everett, Massachusetts)	Massachusetts Department of Environmental Protection (MassDEP)	Purchase and installation of 2 electric transport refrigeration units (eTRUs)	\$29,400
BHZ Transport (Centerville, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Boston Sword & Tuna, Inc. (Boston, Massachusetts)	MassDEP	Purchase and installation of 1 eTRU	\$10,620
Bramante Seafood (Boston, Massachusetts)	MassDEP	Purchase and installation of 1 eTRU	\$17,584
Brascol Transport (Taunton, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$13,886
Brazport Transportation (Raynham, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
BRI Logistics (Taunton, Massachusetts)	MassDEP	Purchase and installation of 3 APUs and retrofit devices	\$33,495

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CJ & J Leasing Corporation (Haverhill, Massachusetts)	MassDEP	Purchase and installation of 11 eTRUs	\$193,421
Channel Fish Company, Inc. (East Boston)	MassDEP	Purchase and installation of 2 eTRUs	\$24,712
DB Trucking Company (Lakeville, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
DEA Logistics (Bourne, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Suami Diaz (Leominster, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Gildeon Dos Santos (Framingham, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Jediael Dos Santos (Abington, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Foster Hill Transport, LLC (West Brookfield, Massachusetts)	MassDEP	Purchase and installation of 5 APUs and retrofit devices	\$55,824
Alfonso Francisco (Hyde Park, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit	\$11,165
Great Eastern Seafood, Inc. (Boston, Massachusetts)	MassDEP	Purchase and installation of 2 eTRUs	\$27,978
GSD Refrigerated Leasing (Saugus, Massachusetts)	MassDEP	Purchase and installation of 4 eTRUs	\$49,444
Jason's Trucking (Bellingham, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
JK Transporter (Framingham, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$16,592
MCA Express/Walber F. Ramos (Framingham, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$13,886
Oak Hill Developers, Inc. (Webster, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Porter-Cooler Rentals (Swansea, Massachusetts)	MassDEP	Purchase and installation of 3 eTRUS	\$37,071
Jefferson Porto (Ayer, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
Pray Trucking, Inc. (Seekonk, Massachusetts)	MassDEP	Purchase and installation of 5 APUs and retrofit devices	\$55,824
Richie's Classic Italian Ice (Everett, Massachusetts)	MassDEP	Purchase and installation of 1 eTRU	\$17,584
Rohstein Corporation (Woburn, Massachusetts)	MassDEP	Purchase and installation of 5 eTRUs	\$53,100
Eduardo Romeiro (Abington, Massachusetts)	MassDEP	Purchase and installation of 1 APU and retrofit device	\$11,165
W. Pittsley Auto Salvage, Inc. (Middleboro, Massachusetts)	MassDEP	Purchase and installation of 3 APUs and retrofit devices	\$33,495

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
Duke University (thesis)	Cold-Ironing as a Cost-Effective Tool for Improving Sustainability in the Shipping Industry	<a href="http://dukespace.lib.duke.edu/dspace/handle/10161/5175">http://dukespace.lib.duke.edu/dspace/handle/10161/5175</a>
National Research Council	Review of the 21st Century Truck Partnership, Second Report	<a href="http://www.nap.edu/catalog.php?record_id=13288">http://www.nap.edu/catalog.php?record_id=13288</a>

## UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Greener Global Transport: 5th International Environmentally Friendly Vehicle Conference	Baltimore, Maryland	September 10–12, 2012	<a href="http://www.regonline.com/builder/site/default.aspx?EventID=998283">http://www.regonline.com/builder/site/default.aspx?EventID=998283</a>
Hybrid Truck Users Forum (HTUF) National Conference 2012	Charlotte, North Carolina	September 18–20, 2012	<a href="http://htuf2012.org/">http://htuf2012.org/</a>
Green Fleet Conference	Schaumburg, Illinois	October 2–3, 2012	<a href="http://www.greenfleetconference.com/Page/Overview.aspx">http://www.greenfleetconference.com/Page/Overview.aspx</a>
Society of Automotive Engineers (SAE) 2012 Commercial Vehicle Engineering Congress	Rosemont, Illinois	October 2–3, 2012	<a href="http://www.sae.org/events/cve/">http://www.sae.org/events/cve/</a>
Directions in Engine-Efficiency and Emissions Research (DEER) Conference	Dearborn, Michigan	October 16–19, 2012	<a href="http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html">http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html</a>
Transportation Research Board (TRB) 92 <sup>nd</sup> Annual Meeting	Washington, D.C.	January 13–17, 2013	<a href="http://www.trb.org/AnnualMeeting2013/AnnualMeeting2013.aspx">http://www.trb.org/AnnualMeeting2013/AnnualMeeting2013.aspx</a>
SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 31–February 1, 2013	<a href="http://www.sae.org/events/gim/">http://www.sae.org/events/gim/</a>

## MANUFACTURERS' NEWS

### Altec Opens New Plant for Idle-Free Utility Trucks

To expand the production of its Green Fleet utility vehicle product line, Altec Industries (Birmingham, Alabama) has opened a new manufacturing facility in Dixon, California. The Green Fleet product line incorporates Altec's Jobsite Energy Management System (JEMS®), which eliminates engine idling at job sites. With JEMS, work equipment is powered by application-specific battery packs.

In addition to the obvious benefits of saving fuel, JEMS hybrid technology is quieter than a running diesel engine, making for an improved working environment. Work crews can communicate with each other more easily, and less noise means less disruption to the community. The technology may also allow for a wider range of work times in areas that have noise ordinances restricting when heavy equipment can be used.

According to Altec, the new Dixon facility was made possible through a Pacific Gas and Electric Company (PG&E) purchase agreement with the company. Currently, PG&E has 272 green fleet bucket truck vehicles, with plans to purchase 281 more by the end of 2014.

Late last year, CARB approved JEMS for power take-off (PTO) applications in diesel trucks with a gross vehicle weight rating over 10,000 lbs. For more information, please see <http://www.altec.com/altec-announces-grand-opening-of-new-green-focused-facility.php> and [http://www.pge.com/about/newsroom/newsreleases/20120422/pge\\_joins\\_altec\\_for\\_ribbon-cutting\\_ceremony\\_at\\_green\\_focused\\_utility\\_truck\\_manufacturing\\_facility\\_in\\_dixon.shtml](http://www.pge.com/about/newsroom/newsreleases/20120422/pge_joins_altec_for_ribbon-cutting_ceremony_at_green_focused_utility_truck_manufacturing_facility_in_dixon.shtml). More information about JEMS and the Green Fleet utility line is available at <http://www.altec.com/green-fleet.php>.

## ELECTRIFIED PARKING SPACES

### More Truck Stop Electrification Sites on the Map

In the last month, the federally funded Shorepower Truck Electrification Project (STEP) opened four new sites. The newest installations are in Paducah, Kentucky (Southern Pride Truck Plaza); Cornersville, Tennessee (the Tennessean Truck Stop); Ozark, Arkansas (the I-40 Travel Center); and New Orleans, Louisiana (Big Easy Travel Plaza). Each site has 24 electrified parking spaces for trucks.

The rebate portion of STEP is winding down, with only rebates for battery HVAC systems remaining (maximum rebate is \$1,600). According to Shorepower Technologies, the \$7+ million in rebates disbursed so far has

leveraged more than \$35 million in sales for more than 20 manufacturers. The link [www.pluginingsavings.org](http://www.pluginingsavings.org) has more information.

Truck stop electrification (TSE) provider IdleAir also has a new site. The Conoco station in Baytown, Texas, is now equipped with IdleAir technology. With the new Texas location, the company now operates 28 sites in 12 states. IdleAir expects to open a couple of other locations later this summer. It is also adding more spaces at 13 of its locations. For more information, please see <http://www.idleair.com/> and <http://www.idleair.com/news/opening-more-idleair-spaces>.

## OTHER NEWS OF INTEREST

### Less Idle Time in Tallahassee

The Fleet Management Division of the City of Tallahassee (Florida) has designed and built an idling reduction package called Less Idle Time (LIT). The battery pack provides power for 1 to 5 hours, depending on power demand. The vehicle's running engine recharges the auxiliary battery system, which is housed in the trunk of the squad car.

If the system is used just 2 hours per day, a single vehicle can eliminate the production of up to 73 pounds of CO<sub>2</sub> every day, and the annual fuel savings for a single vehicle can reach \$2,000. The Fleet Management Division is seeking to adapt the system for other vehicles that spend a lot of time idling, such as bucket trucks.

Installed on 27 police cars, the auxiliary battery system powers the vehicle's entire electrical system, including warning lights and air conditioning. The LIT project was funded by a U.S. Department of Energy (DOE) Energy Efficiency and Conservation Block Grant (EECBG) through the American Recovery and Reinvestment Act of 2009 (ARRA). For more information, please see <http://energy.gov/articles/saving-gas-while-fighting-crime-tallahassee>. A short video showing the technology in use is available at <http://www.government-fleet.com/News/Story/2012/05/Tallahassee-City-Employee-Invents-New-Anti-Idling-System-for-Police-Fleet.aspx?prestitial=1>.

### Schneider Reduces Emissions with Idling Reduction Equipment

Transport provider Schneider National (Green Bay, Wisconsin) is currently replacing one third of its fleet, or 3,000 2005–06 model-year tractors, with new tractors. According to company spokeswoman Janet Bonkowski, all of the vehicles will have idling reduction devices, which will in total reduce the annual production of nitrogen oxides (NO<sub>x</sub>), carbon dioxide (CO<sub>2</sub>), and particulates by 3,196 tons, 30,000 tons, and 125 tons, respectively.

Schneider trucks are equipped with idle time limiters, engine block heaters, cab heaters, and/or electrically powered cab coolers. The company is replacing the tractors at the rate of about 75 per week. For more information about Schneider National, please see <http://www.schneider.com>.

## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

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

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

## Status of the 400-Pound Weight Exemption for Idling Reduction Devices

[Ed. note: The Energy Policy Act of 2005 allowed for a national 400-pound exemption for the additional weight of idling reduction technology on heavy-duty vehicles. Each state can adopt this exemption, at its own discretion, without being subject to any penalty provision related to withholding of highway trust fund monies.] The following table is updated

as we become aware of changes. As time permits, we will provide URLs so that interested parties, such as trucking companies, can work with their state trucking associations to be sure that enforcement officials are aware of changes in the laws. Please feel free to provide us with updates.

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

States in **black** allow the 400-lb weight exemption (asterisk means that the allowance is granted by enforcement policy rather than by state law); states in *gray* do not permit the exemption; and states in **brown** have legislation in process.

## Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at <http://atri-online.org/2012/01/01/idling-regulations-compendium/> and [http://www.afdc.energy.gov/afdc/progs/all\\_state\\_summary.cgi?afdc/0](http://www.afdc.energy.gov/afdc/progs/all_state_summary.cgi?afdc/0).

If information for your state or municipality is outdated or erroneous, please let us know. This newsletter is also a place to let people know about possible changes in laws or regulations or the solicitation of comments related to such.

## Incentives and Funding Opportunities for Idling Reduction Projects

The DOE Clean Cities initiative provides a listing of federal and state programs that offer incentives and funding for idling reduction projects. Information can be found at [http://www.afdc.energy.gov/afdc/progs/fed\\_summary.php/afdc/US/0](http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0). Let us

know if any information needs to be changed or updated. Additionally, the EPA Diesel Collaboratives offer news of available grant and loan programs. For the Northeast Diesel Collaborative (Regions 1 and 2), see <http://northeastdiesel.org/funding.html>; Mid-Atlantic Diesel Collaborative



(Region 3), <http://www.dieselmidatlantic.org/diesel/funding.htm>; Southeast Diesel Collaborative (Region 4), <http://www.southeastdiesel.org/funding.html>; Midwest Clean Diesel Initiative (Region 5), <http://www.epa.gov/midwestcleandiesel/grants/index.html>; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota),

<http://www.blueskyways.org/funding/index.html>; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), <http://www.epa.gov/region8/air/rmcdc/>; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), <http://www.westcoastcollaborative.org/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 (<http://www.transportation.anl.gov/engines/idling.html>—choose a calculator from the right side of the Web page)
- Autotherm (<http://autothermusa.com/wordpress/calculate-idling-costs-savings/>)
- Bergstrom ([http://www.nitesystem.com/html/idle\\_calculator.cfm](http://www.nitesystem.com/html/idle_calculator.cfm))
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/index.php>)
- Energy Xtreme (<http://www.energyxtreme.net/resources/calculator>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9d9869fa88bfd51e50592a377d5d48?sitePageId=40919&orgId=clcc>)
- Hodyon (<http://www.hodyon.com/calculator.aspx>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)

is also included. The calculators are provided as tools of possible benefit; their accuracy has not been verified. Any new entry this month is shown in brown. If you are aware of other sources of information that may be of possible interest to newsletter readers, please let us know.

- Idle Free Systems (<http://idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html>)
- Kenworth (<http://www.kenworth.com>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://liforceapu.com/files/LiforceCalculator.xls>)
- Natural Resources Canada ([http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling\\_impact-workplace.cfm?attr=16](http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling_impact-workplace.cfm?attr=16))
- Odyssey Battery (<http://www.odysseybattery.com/fleet.html>)
- Thermo King (<http://www.thermoking.com/tripac/>)
- Webasto ([http://www.techwebasto.com/calculators/heater/heater\\_fuel\\_calculator\\_us.htm](http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm))

## Locations of Electrified Parking Spaces

In collaboration with the U.S. 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 21 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at [http://www.afdc.energy.gov/afdc/progs/tse\\_listings.php](http://www.afdc.energy.gov/afdc/progs/tse_listings.php). Another resource is

the EPA SmartWay Interactive Activity Map, which features data from SmartWay Partners, National Transportation Idle-Free Corridors, National Clean Diesel Campaign Retrofit projects, Clean School Bus USA projects, ethanol (E-85) and biodiesel fueling station projects, and other related

sources. The maps enable visualization of the 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 [http://epamap10.epa.gov/website/irim\\_us\\_map.asp](http://epamap10.epa.gov/website/irim_us_map.asp).

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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 [http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html). Additionally, a compendium of all previous issues is available on the site; this PDF file is especially useful for conducting searches of all issues of the newsletter.

Please be mindful that web links may expire or move over time and that some sources require registration. If you have trouble opening a link, try copying and pasting it, or retyping the URL, in your browser window.

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