

# National Idling Reduction Network News

November 2011

## 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	\$273,000 (as of November 16, 2011)	First come, first served.	<a href="http://daq.state.nc.us/motor/Rebates/">http://daq.state.nc.us/motor/Rebates/</a>
Manitoba Infrastructure and Transportation, University of Manitoba Transport Institute, and the Manitoba Trucking Association	GrEEEn (Economically and Environmentally Efficient) Trucking Incentive Program	Can\$225,000	First come, first served through December 16, 2011	<a href="http://www.greentrucking.ca/">http://www.greentrucking.ca/</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>
Climate Trust	Greenhouse Gas Offset Projects	\$6 million (as of January 2011)	Rolling deadline until funds are awarded.	<a href="http://www.climatetrust.org/apply.html">http://www.climatetrust.org/apply.html</a>
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.energymaine.com/at-work-for-small-business/loan-programs">http://www.energymaine.com/at-work-for-small-business/loan-programs</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000 (as of August 23, 2011)	Rolling deadline until funds are awarded.	<a href="http://www.pca.state.mn.us/sbiz7d9">http://www.pca.state.mn.us/sbiz7d9</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>

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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>
CARB	Advanced Technology Demonstration Project: Advanced Hybrid Technologies in School Buses	\$1 million	December 14, 2011	<a href="http://www.arb.ca.gov/msprog/aqip/solicitations.htm">http://www.arb.ca.gov/msprog/aqip/solicitations.htm</a>
<b>New York State Energy Research and Development Authority (NYSERDA)</b>	<b>2011 Electric Vehicle Supply Equipment (EVSE) Demonstration and Support Program</b>	<b>~\$8 million</b>	<b>December 14, 2011 (Round 1), and July 25, 2012 (Round 2)</b>	<a href="http://www.nyserdanyc.org/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx">http://www.nyserdanyc.org/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx</a>
<b>Pennsylvania Department of Environmental Protection</b>	<b>Pennsylvania State Clean Diesel Grant Program</b>	<b>\$561,946</b>	<b>December 15, 2011</b>	<a href="http://www.dep.state.pa.us/dep/deputate/airwaste/aq/default.htm">http://www.dep.state.pa.us/dep/deputate/airwaste/aq/default.htm</a>
Mid-America Regional Council (Missouri)	Clean Diesel Grant Program	Not available	December 16, 2011	<a href="http://marc.org/environment/airq/cleandieselfrp.asp">http://marc.org/environment/airq/cleandieselfrp.asp</a>
Ozarks Center for Sustainable Solutions (Missouri)	Clean Diesel Grant Program	Not available	December 16, 2011	<a href="http://www.drury.edu/multinl/story.cfm?ID=27049&amp;NLID=387">http://www.drury.edu/multinl/story.cfm?ID=27049&amp;NLID=387</a>
Southeast Missouri Regional Planning and Economic Development Commission (Missouri)	Clean Diesel Grant Program	Not available	December 16, 2011	<a href="http://www.semorpc.org/dera.html">http://www.semorpc.org/dera.html</a>
St. Louis Regional Clean Cities (Missouri)	Clean Diesel Grant Program	Not available	December 16, 2011	<a href="http://www.stlcleancities.org/">http://www.stlcleancities.org/</a>
<b>Minnesota Pollution Control Agency</b>	<b>Diesel Emission Reduction Act (DERA) Grant Program</b>	<b>\$350,000</b>	<b>December 22, 2011</b>	<a href="http://www.pca.state.mn.us/index.php/air/air-quality-and-pollutants/general-air-quality/motor-vehicle-pollution/grants/financial-assistance-for-clean-diesel-projects.html">http://www.pca.state.mn.us/index.php/air/air-quality-and-pollutants/general-air-quality/motor-vehicle-pollution/grants/financial-assistance-for-clean-diesel-projects.html</a>
U.S. Environmental Protection Agency (EPA)	2011 Presidential Innovation Award Program for Environmental Educators	\$2,000 per award	December 30, 2011	<a href="http://www.epa.gov/education/teacheraward">www.epa.gov/education/teacheraward</a>

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
NYSERDA	New York State Clean Air School Bus Program, Round 3 (now includes coolant heaters)	~\$2.6 million	December 30, 2011 (or when funds are exhausted)	<a href="http://www.nyserdera.org/Funding-Opportunities/Current-Funding-Opportunities/PON-1896-New-York-State-Clean-Air-School-Bus-Program.aspx">http://www.nyserdera.org/Funding-Opportunities/Current-Funding-Opportunities/PON-1896-New-York-State-Clean-Air-School-Bus-Program.aspx</a>
Climate Change Central	Trucks of Tomorrow Rebate Program (Alberta, Canada)	Can\$2 million	December 31, 2011	<a href="http://www.trucksoftomorrow.com/pages/trucking/index.php">http://www.trucksoftomorrow.com/pages/trucking/index.php</a>
<b>Ohio EPA</b>	<b>Diesel Emission Reduction Grant Program</b>	<b>\$10 million</b>	<b>TBA, January 2012</b>	<a href="http://www.epa.state.oh.us/oeef/derg.aspx">http://www.epa.state.oh.us/oeef/derg.aspx</a>
<b>CARB</b>	<b>Hybrid Truck and Bus Voucher Incentive Project (HVIP)</b>	<b>\$11 million</b>	<b>January 16, 2012</b>	<a href="http://www.arb.ca.gov/msprog/aqip/solicitations.htm">http://www.arb.ca.gov/msprog/aqip/solicitations.htm</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	\$300,000	March 1, 2012	<a href="http://www.epa.ohio.gov/oeef/schoolbus.aspx">http://www.epa.ohio.gov/oeef/schoolbus.aspx</a>
Maryland Energy Administration	Maryland Idle Reduction Grant Program	\$225,000	June 1, 2012	<a href="http://www.energy.state.md.us/Transportation/idle/index.html">http://www.energy.state.md.us/Transportation/idle/index.html</a>
Cascade Sierra Solutions	Shorepower Truck Electrification Project (STEP) Rebate Program	\$10+ million	March 31, 2013	<a href="https://csswebform.org/WebForm/TSE_home.aspx">https://csswebform.org/WebForm/TSE_home.aspx</a>

## REGULATORY NEWS

### New TCEQ Idling Rules in Force

The 2011 revision to the Texas Commission on Environmental Quality's (TCEQ) 5-minute idling rule, which applies to vehicles weighing 14,000+ pounds, took effect November 7, 2011. The 5-minute idling rule is now in effect year round, not just between April 1 and October 1. Exemptions to the rule include engine idling to provide heat or air conditioning for drivers using sleeper berths during federally mandated rest periods. Armored vehicles are now also exempt from the idling restrictions.

The goal of TCEQ's idling rule is to improve air quality in Dallas and throughout the nine-county ozone nonattainment region. For more information, please go to [http://www.greendallas.net/air\\_quality\\_engineoff.html](http://www.greendallas.net/air_quality_engineoff.html).

## Senate Transportation Bill Includes “Jason’s Law” Provision

Jason’s Law, which seeks to remedy the shortage of long-term parking for truck drivers and has struggled for passage as its own bill, has been rolled into an \$85 billion Senate transportation bill. Senate Bill 1813 (S.1813), also called Moving Ahead for Progress in the 21st Century, seeks to reauthorize federal-aid highway and highway safety construction programs. On November 9, 2011, the Senate Environment and Public Works Committee approved S.1813 in an 18–0 vote.

Section 1401 of the proposed bill supports the provision of safe rest areas for truck drivers through: the construction of new facilities; the opening of existing facilities to commercial truck parking; and the promotion of publicly

or privately provided commercial truck parking on the National Highway System using intelligent transportation systems and other means.

Jason’s Law is named for Jason Rivenburg, a truck driver who, in the spring of 2009, was turned away from his delivery destination because he arrived too early. He parked at an abandoned gas station where he was robbed and murdered. For more information, please see [http://www.landlinemag.com/todays\\_news/Daily/2011/Nov11/110711/110911-01.shtml](http://www.landlinemag.com/todays_news/Daily/2011/Nov11/110711/110911-01.shtml). The text of S.1813 can be found at [http://epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore\\_id=20f89548-8b2e-4498-89f7-c9f4ff22484f](http://epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore_id=20f89548-8b2e-4498-89f7-c9f4ff22484f). To read the text pertaining to Jason’s Law, please search for “Sec. 1401.”

## NHTSA and EPA Propose CAFE Standards

On November 16, 2011, the U.S. Department of Transportation’s (DOT) National Highway Traffic Safety Administration (NHTSA ) and the EPA issued a joint proposal, “2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy (CAFE) Standards.” The proposal would increase fuel economy for cars and light-duty trucks to 54.5 miles per gallon by model year 2025.

The proposed standards are expected to spur the development of innovative technologies such as automatic stop/start, which allows the engine to turn off when a vehicle is stopped in traffic. After the proposed rulemaking is published in the *Federal Register*, there will be a 60-day public comment period. More information is available at <http://www.nhtsa.gov/fuel-economy>.

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Alabama State Port Authority	EPA	Repower of a locomotive with gen-set technology	\$953,921
Center for Transportation and Environment (Atlanta, Georgia)	EPA	Repower of diesel ground-support equipment with electric power	\$1.4 million
Clean Fuels Ohio	EPA	Installation of exhaust and idle controls on, or replacement of, school buses, refuse haulers, construction equipment, and long-haul trucks	\$716,073

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Idaho Department of Environmental Quality	EPA	Installation of diesel oxidation catalysts, closed crankcase ventilation systems, and fuel operated heaters (FOHs) on 16 buses	\$62,237
Illinois EPA	EPA	Engine repowers and installation of diesel-fired heaters, battery air-conditioning systems, and exhaust controls on long-haul trucks and other vehicles	\$822,308
Kansas Department of Health and Environment	EPA	Replacement and repower projects and retrofit of 59 school buses with FOHs	\$343,451
Leonardo Academy (Madison, Wisconsin)	EPA	Engine repower projects and implementation of idle reduction technologies, including battery air-conditioning systems and FOHs	\$900,000
Mecklenburg County Air Quality Department, North Carolina	EPA	Repower or replacement of 126 pieces of diesel cargo-handling equipment with cleaner diesel or electric equipment (AeroGRADE+ project)	\$800,000
Missouri Department of Natural Resources (MDNR)	EPA	Retrofit and replacement projects, including installation of FOHs on 100+ school buses and installation of 8 automatic engine shutdown/startup devices (AESSDs) on switch locomotives	\$999,460
MDNR	EPA	Repower or retrofit of 42 diesel engines, including installation of AESSDs on 5 locomotives	\$947,338
National School Transportation Association (New York)	EPA	Replacement of 3 school buses and retrofit of 155 school buses with diesel oxidation catalysts and/or idle reduction technologies	\$460,753
New York City Department of Small Business Services	EPA	Repower of 2 short-haul locomotives, including one with gen-set technology	\$2 million
San Joaquin Valley Air Pollution Control District (California)	EPA	Repower of 2 locomotives with gen-set technology	\$2 million
State of Florida	Federal Highway Administration	Development of 90 new truck parking spaces at the I-595 Truck Stop in Broward County, Florida	\$1+ million

## Northwest Ports Accept Environmental Achievement Award

At its annual conference in November, the Air and Waste Management Association, Pacific Northwest International Section, presented an Environmental Achievement Award to the ports of Tacoma, Seattle, and Metro Vancouver, B.C. The Association recognized the ports for their work

to reduce seaport-related emissions and waste. In addition to the use of shore power at berth, the implementation of retrofits, replacements, and low-sulfur fuels contributed to the clean-air gains.

In 2008, the three ports came together to create the Northwest Ports Clean Air Strategy to reduce emissions from ocean-going vessels, harbor craft, cargo-handling equipment, trucks, and rail operations. For more about the

ports' Clean Air Strategy and a link to the 2010 implementation report, please see <http://www.portoftacoma.com/nwpcas>.

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
Transportation Research Board (TRB)	Policy Options for Reducing Energy Use and Greenhouse Gas Emissions from U.S. Transportation	<a href="http://www.trb.org/Main/Blurbs/165535.aspx?utm_medium=email&amp;utm_source=Transportation%20Research%20Board&amp;utm_campaign=TRB+E-Newsletter+-+11-01-2011&amp;utm_content=Customer&amp;utm_term=">http://www.trb.org/Main/Blurbs/165535.aspx?utm_medium=email&amp;utm_source=Transportation%20Research%20Board&amp;utm_campaign=TRB+E-Newsletter+-+11-01-2011&amp;utm_content=Customer&amp;utm_term=</a>

## UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
<b>CARB Diesel Vehicle Regulation Overview</b>	<b>Costa Mesa, California</b>	<b>December 8, 2011</b>	<a href="http://www.arb.ca.gov/training/courses.php?course=512">http://www.arb.ca.gov/training/courses.php?course=512</a>
TRB's 91st Annual Meeting	Washington, D.C.	January 22–26, 2012	<a href="http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx">http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx</a>
Society of Automotive Engineers (SAE) Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 25–27, 2012	<a href="http://www.sae.org/events/gim/">http://www.sae.org/events/gim/</a>
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2012	<a href="http://www.calstart.org/Events/CALSTART-Events.aspx">http://www.calstart.org/Events/CALSTART-Events.aspx</a>
<b>2012 Mid-America Trucking Show</b>	<b>Louisville, Kentucky</b>	<b>March 22–24, 2012</b>	<a href="http://www.truckingshow.com/">http://www.truckingshow.com/</a>
Alternative Clean Transportation (ACT) Expo	Long Beach, California	May 14–17, 2012	<a href="http://www.actexpo.com/index.html">http://www.actexpo.com/index.html</a>
<b>2012 DOE Hydrogen and Fuel Cells and Vehicle Technologies Programs Annual Merit Review and Peer Evaluation Meeting</b>	<b>Arlington, Virginia</b>	<b>May 14–18, 2012</b>	<a href="http://www.annualmeritreview.energy.gov">http://www.annualmeritreview.energy.gov</a>
<b>Government Fleet Expo &amp; Conference (GFX)</b>	<b>Denver, Colorado</b>	<b>June 18–20, 2012</b>	<a href="http://www.governmentfleetexpo.com/">http://www.governmentfleetexpo.com/</a>

## MANUFACTURERS' NEWS

### Glacier Bay Pulls Plug, Seeks Buyer

On November 7, 2011, California-based Glacier Bay Technology ceased manufacturing, sales, and service operations. The manufacturer is working to secure a buyer for the ClimaCab product line, as well as its other

products, technologies, and intellectual property related to energy control and power management.

### Espar Introduces the E-Delivery Truck Kit

Espar's E-Delivery Truck Kit, a feature of the company's 17,000-BTU Hydronic 5 fuel-operated engine preheater, permits on-demand, engine-off cab heating while drivers are on delivery. With a dash-mounted switch, operators can use a "set and forget" programmable timer to enable heat to

run from 5 minutes to 60 minutes. The system monitors battery levels to ensure that operational power is not compromised. For more information, please click on <http://www.espar.com>.

## ELECTRIFIED PARKING SPACES

### IdleAIR Opens Two New Locations

IdleAIR recently opened new locations in Dalton, Georgia, and White Pine, Tennessee, bringing the company's total to 23 sites in 9 states. In November, IdleAIR provided service at these two locations free of charge.

IdleAIR provides HVAC, 120-volt electricity, DirecTV, and basic internet service for an hourly rate. For more information about IdleAIR, please go to <http://www.idleair.com/>.

## PORTS

### POLB Equips Fourth Terminal for Shore Power

On November 14, 2011, the Port of Long Beach (POLB) dedicated its fourth shore power installation at Pier C. According to a POLB fact sheet, the \$6.4 million project will—factoring in the emissions produced at power

plants—reduce air pollution by 95% overall. The 6-MW shore power system (equivalent to the electricity required to power about 4,000 homes) will serve about 100 vessel calls every year.

The Pier C shipping container facility is operated by Matson Navigation and SSA Terminals, Inc. By 2014, 50% of container ship visits at California ports

will require the use of shore power. More information is available at <http://www.polb.com/civica/filebank/blobdload.asp?BlobID=9157>.

## EDUCATION, CAMPAIGNS, AND OUTREACH

### Student-Produced PSA Reveals Idling Villains CO, NO<sub>x</sub>, and Benzene

Some high school students in Louisville, Kentucky, recently behaved badly—for a good cause. A local television station interested in broadcasting a public service announcement (PSA) about the pollution effects of vehicle idling contacted high school mass media teacher Mary Beth Coffman for help. The Sellersburg, Indiana, Silver Creek High School teacher led her students in producing a light-yet-informative 30-second video, in which chemical villains carbon monoxide (CO), nitrogen oxide (NO<sub>x</sub>), and benzene bully folks who are simply trying to enjoy the outdoors.

At its November 16, 2011, board meeting, the Louisville metro-area Air Pollution Control District (APCD) recognized the high school students for their role in producing the video. Ms. Coffman said, “From comments the kids have made since the commercial, I know that many of our driving habits have changed for the better.”

Please see <http://www.youtube.com/watch?v=IOT7naY56Rw&feature=youtu.be> for the video. For more information, please go to <http://www.wfpl.org/2011/11/16/new-albany-students-recognized-for-anti-idling-psa/> and <http://www.louisvilleky.gov/APCD/Idling/>. (Image courtesy of Kentuckiana Air Education [KAIRE], Louisville’s APCD community outreach and education program.)





## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The Alternative Fuels and Advanced Vehicles Data Center (AFDC) of the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) identifies manufacturers of idle 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 idle 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. †Effective January 1, 2012.

## Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at <http://www.atri-online.org/> (click on the compendium link at the left) 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.dieselmideatlantic.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 idle-reduction equipment. A site from Canada that quantifies the costs of workplace idling 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.

- 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>)
- EPA (<http://www.epa.gov/smartwaylogistics/transport/calculators/index.htm>)
- 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>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)
- Kenworth (<http://www.kenworth.com>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://lifeforceapu.com/files/LifeforceCalculator.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. 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 available in at least 19 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 location 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).

## 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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