



NATIONAL IDLING REDUCTION NETWORK NEWS

December 2009

SOLICITATIONS FOR FUNDING AND AWARDS

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

Organization	Project	Funding	Deadline	Website
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf
Climate Trust	Greenhouse Gas Offset Projects	\$8 million	Rolling deadline until funds are awarded.	http://www.climatetrust.org/apply.html
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.energymaine.com/business_programs_sblilp.htm
Environmental Finance Center, University of Maryland	Port of Baltimore Clean Diesel Program (including Locomotive Engine Idle Reduction Grant Sub-Program)	\$3.5 million	Rolling deadline until funds are awarded.	http://www.efc.umd.edu/cleandiesel.html
Florida Department of Environmental Protection	Clean Diesel Rebate Program	\$300,000	Rolling deadline until funds are awarded.	http://www.dep.state.fl.us/air/emission/msc/diesel_rebate.htm
North Carolina Division of Air Quality	North Carolina State Auxiliary Power Unit and 2010 Compliant Heavy-Duty Truck Rebate Program	\$517,500	Rolling deadline until the funds are awarded or September 30, 2010.	http://www.ncair.org/motor/Rebates/



Organization	Project	Funding	Deadline	Website
North Central Texas Council of Governments	Heavy-Duty Vehicle and Equipment Grant Program	\$10.7 million	Rolling deadline until funds are awarded.	http://www.nctcog.org/trans/air/programs/terp/hdvegp/
Pittsburgh Public Schools, the Heinz Endowments, Clean Water Action, Group Against Smog and Pollution, and the Clean Air Task Force	Pittsburgh Healthy School Bus Fund	\$500,000	Rolling deadline until funds are awarded.	http://www.diesetrofitrebate.org
Wisconsin Department of Commerce	State Energy Program – Recovery Act (SEP-ARRA) — Clean Energy Business Loan Program	\$55 million	Rolling deadline until funds are awarded.	http://commerce.wi.gov/BD/BD-SEP-ARRA.html
New York State Energy Research and Development Authority (NYSERDA)	Clean Energy Business Growth & Development Program Opportunity Notice 1260	\$6.4 million	Rounds close on January 6, June 2, and November 3, 2010	http://www.nyserda.org/funding/1260pon.pdf
Connecticut Office of Policy and Management	Supplemental Regional Bonus Pool Block Grant Program	\$9,593,500	January 8, 2010	http://74.125.95.132/search?q=cache:JEwwGKfkcpUJ:www.das.state.ct.us/rfpdoc/OPM03/bids/opm_energy_eecbg_bonus_pool_110209.pdf+EECBG+%22idle+reduction%22&cd=7&hl=en&ct=clnk&gl=us
California Energy Commission	Alternative and Renewable Fuel and Vehicle Technology Program (PON 09-006)	\$13.8 million	January 11, 2010	http://www.energy.ca.gov/contracts/PON-09-006/
California Energy Commission	Energy Efficiency and Conservation Block Grant (PON 09-001)	\$35.5 million	January 12, 2010	http://www.energy.ca.gov/contracts/recovery.html#eecbg



Organization	Project	Funding	Deadline	Website
Missouri Department of Natural Resources	Energize Missouri Communities — Energy Efficiency and Conservation Block Grant Program	\$12.5 million	January 15, 2010	http://dnr.mo.gov/transform/energizemissouricommunities.htm
Pennsylvania Department of Environmental Protection	Small Business Advantage Grant Program	\$1 million	January 15, 2010, or when funds run out	http://www.depweb.state.pa.us/enintech/cwp/view.asp?a=1413&q=503219
Environmental Protection Agency (EPA)	Community Action for a Renewed Environment (CARE) Program	\$2 million	March 9, 2010	http://www.epa.gov/care/
NYSERDA	Project Implementation Funding for State Energy Program American Recovery and Reinvestment Act (ARRA) Request for Proposals (RFP) 1613	\$74 million	March 22, 2010 (new deadline)	http://www.nyserda.org/funding/1613rfp.asp
Cascade Sierra Solutions	Great SmartWay Rebate Program (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut)	\$1+ million	August 31, 2010	https://csswebform.org/WebForm/RebateIntro.aspx
Ontario (Canada) Ministry of Transportation	Green Commercial Vehicle Program	Can\$2.9 million	March 31, 2012	http://www.forms.ssb.gov.on.ca/mbs/ssf/forms/ssbforms.nsf/AttachDocsPublic/023-05002E~3/\$File/05001-2E_ProgramGuide.pdf



REGULATORY NEWS

Federal Tax Credit Proposed

On December 9, 2009, Senators Herb Kohl (D-WI) and Orrin Hatch (R-UT) introduced legislation that would provide a tax credit for purchasers of hybrid and plug-in hybrid heavy-duty trucks. One component of the bill, S. 2854 (“Bill to Amend the Internal Revenue Code of 1986 To Extend and Modify the Credit for New Qualified Hybrid Motor Vehicles, and for Other Purposes”), includes a tax credit of up to \$3,500 for idle reduction technology, including the installation

of electrification units at truck stops. The proposed tax credit would end in 2014. The bill has been referred to committee. Please see http://kohl.senate.gov/newsroom/pressrelease.cfm?customel_dataPa_gelD_1464=3252 for more information. To read bill and follow its progress, please go to <http://www.govtrack.us/congress/bill.xpd?bill=s111-2854>.

CARB Issues Shore Power Compliance Advisory

CARB has issued an advisory for 1) operators of terminals that have shore power infrastructure, and 2) vessel operators of fleets that choose the Reduced Onboard Power Generation (Shore Power) option and have vessels in their fleet that are shore-power equipped and visit a berth that has compatible shore power. Starting January 1, 2010, shore-power equipped ships visiting berths that are equipped with compatible shore-power infrastructure must connect during every

visit to that berth. Exceptions apply for emergency events. There are also record-keeping requirements for both terminal operators and fleet/vessel operators.

Please see <http://www.arb.ca.gov/regact/2007/shorepwr07/93118-t17.pdf> for more information.

TCEQ Accepting Public Comment on Emissions Reduction Incentive Grants

The Texas Commission on Environmental Quality (TCEQ) is accepting written and oral public comments on the *Texas Emissions Reduction Plan – Guidelines for Emissions Reduction Incentive Grants* (RG-388), in accordance with Texas Health and Safety Code §386.053(d). The guidelines have been revised to include policy changes and statutory changes from House Bill 1796 enacted by the

81st Texas Legislature. A public meeting will be held January 7, 2010, at the Texas Commission on Environmental Quality, Austin, Texas. Comments, which may be sent to terp@tceq.state.tx.us, must be received by 5:00 p.m. CST on January 15, 2010. The link <http://www.tceq.state.tx.us/implementation/air/terp/> provides more information.



AWARDS AND RECOGNITION

IDLERIGHT™ Receives Innovation Award

The IDLERIGHT Vehicle Idle Fuel Management System was recognized at the October 2009 meeting of the International Association of Chiefs of Police, in Denver, Colorado. Havis, Inc., which manufactures the IDLERIGHT, received the 2009 Innovation Award of the Year in the category of Vehicles & Vehicle Accessories. The device powers the vehicle's warning lights until the battery voltage falls below a preset threshold, at which time it starts the

vehicle and idles the engine sufficiently to recharge the battery. Once the battery is recharged, the engine shuts off. The IDLERIGHT works with both gasoline and diesel engines. The links [http://www.officer.com/web/online/Top-News-Stories/2009-Innovation-Awards-Presented/1\\$48788](http://www.officer.com/web/online/Top-News-Stories/2009-Innovation-Awards-Presented/1$48788) and <http://www.havis.com/idleright.htm> provide more information.

More Recovery Act Funding Awards Announced

The following table lists EPA American Recovery and Reinvestment Act (ARRA) funds awarded for which idling reduction components have been explicitly described. For a complete list of EPA's National Clean Diesel Program awards made through the Recovery Act,

please go to <http://www.epa.gov/otaq/diesel/projnational-aara.htm>. If you have idling reduction funding award news, please send it to idlingreduction@anl.gov.

Organization	Purpose of Grant	Total Funding
Cascade Sierra Solutions	Replacements, exhaust retrofits, repowers, idle reduction technology, aerodynamic technology, and new tires for heavy-duty diesel-powered vehicles	\$9 million
Michigan – Southwest Detroit Environmental Vision	Clean diesel projects, including idle reduction	\$370,367
Port of Tacoma	Installation of a shore-side electrical connection system and alternative maritime power, and the retrofitting of two ocean-going vessels	\$1,488,080



UPCOMING MEETINGS, WEBINARS, AND EVENTS

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

Meeting	Location	Date	Website or Contact
Transportation Research Board (TRB) 89th Annual Meeting	Washington, D.C.	January 10–14, 2010	http://www.trb.org/AnnualMeeting/default.asp
Society of Automotive Engineers Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 26–29, 2010	http://www.sae.org/events/gim/
Climate Change and Ships: Increasing Energy Efficiency Symposium	Linthicum, Maryland	February 16 and 17, 2010	http://www.sname.org/SNAME/climatechange/Home/Default.aspx
Green Truck Summit	St. Louis, Missouri	March 9–12, 2010	http://www.calstart.org/Events/CALSTART-Events/Clean-Heavy-Duty-Vehicle-Conference-Now-Green-Truc.aspx
Alternative Fuels & Vehicles Conference + Expo 2010	Las Vegas, Nevada	May 9–12, 2010	http://www.afv2010.com/
The Government Fleet Expo & Conference (GFX)	Austin, Texas	June 21–23, 2010	http://www.governmentfleetexpo.com/

MANUFACTURERS' NEWS

Thermo King Discounts

Thermo King is offering discounts on preventative maintenance services for the TriPac Hybrid Auxiliary Idle Reduction and Temperature Management System. Savings of up to \$40 are available for these services, as well as for heater services and filter kits. This

promotion is available through January 29, 2010, at participating Thermo King dealers.

<http://www.todaystrucking.com/news.cfm?intDocID=22873>.



PARKING SPACES FOR TRUCKS

Reduced Hours for Some Maryland Rest Areas

Beginning this month, Maryland's Department of Transportation State Highway Administration (SHA) is shortening service hours (to primarily daytime hours) at several rest areas. One rest area has been closed. According to SHA, these changes will save the State more than \$567,000 in lighting, water, staffing, and supply costs. For more

information, please see

<http://www.marylandroads.com/Index.aspx?PageId=250> and http://www.landlinemag.com/todays_news/Daily/2009/Dec09/120709/121009-02.htm.

REPORTS AND OTHER RESOURCES OF INTEREST

Source	Title	Website or Contact
Northeast States Center for a Clean Air Future (NESCCAF), the International Council on Clean Transportation (ICCT), Southwest Research Institute, and TIAX, LLC	Reducing Heavy-Duty Long Haul Combination Truck Fuel Consumption and CO ₂ Emissions	www.nesccaf.org
Federal Railroad Administration	Final Report: Comparative Evaluation of Rail and Truck Fuel Efficiency on Competitive Corridors	http://www.fra.dot.gov/Downloads/Comparative_Evaluation_Rail_Truck_Fuel_Efficiency.pdf
TRB	Communicating Transportation, Energy, and Climate Change Concepts to the Public: TRB Contest Identifies Exemplary Efforts	http://onlinepubs.trb.org/onlinepubs/trnews/trnews264special.pdf
Environmental Defense Fund	Poland Springs Reduces Idling To Curb Emissions	http://innovation.edf.org/page.cfm?tagid=31208
Port of Long Beach	Pulse of the Port: Cold Ironing	http://www.youtube.com/watch?v=me0bDMP0WKc&feature=youtube_qdata



OTHER NEWS OF INTEREST

EDF Case Study: Poland Springs Reduces Truck Idling

The Environmental Defense Fund (EDF) has published a brief case study on the efforts of Poland Springs, purveyor of bottled water, to reduce emissions with the use of biofuels and the sharp reduction of truck fleet idling time. According to *Poland Spring Reduces Idling To Curb Emissions*, the company reduced idling time from 1,400 hours in February 2007 to 380 hours in February 2009. After having installed onboard computers on its trucks (primarily to serve as electronic logbooks), Poland Springs found that the

computers collected additional information, including data that could be used to assess idling time. With the use of monitoring and incentives, Poland Springs drove down vehicle idling time. This change led to not only a decrease in emissions, but, in 2008, a reduction of about \$20,000 in fuel costs. Please see www.edf.org/documents/10639_EDFCasestudy_PolandSpring.pdf for more information.

Decreased Vehicle Idling Benefits Cox Communications

Cox Communications, a national telecommunications provider headquartered near Atlanta, Georgia, undertook a pilot study to measure a number of fleet operational efficiencies, including vehicle speed, mileage, engine performance, and engine idle time. The engine bus monitoring component of the GPS technology that Cox used provided data for the study.

In the study, “triggers” were used to alert one group of field service representatives to turn off their engines. An engine monitoring feature allowed for the setting of “idle triggers” after 5, 10, and 15 minutes of

idle time. For a concurrent baseline group, no triggers were used. The “triggered” group averaged an engine idle time of 11 minutes per field service representative per day; the baseline group averaged 96 minutes per day.

Cox Communications has a fleet of 9,000 vehicles. For more information about the pilot study, please visit http://www.cable360.net/ct/sections/features/GPS-Sustains-Field-Ops_38726.html.



RECURRING FEATURES

How to Find Back Issues of National Idling Reduction Network News

If you are a new subscriber or have misplaced an issue of the newsletter, you may find all issues at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Additionally, a compendium of all previous issues now resides 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 some sources require registration. If you have trouble opening a link, try copying and pasting it, or retype it in the address box of your browser.

Tools Now Available to Calculate Cost of Idling Reduction Equipment

Among the tools available to workplace and truck fleet managers, owner-operators, and locomotive engineers are calculators to help determine the cost and benefits of installing and paying for idling reduction equipment. Included also is a site from Canada that

quantifies the costs of workplace idling. The accuracy of these calculators has not been verified; they are provided as tools of possible benefit. Any new entry this month is shown in red.

- Argonne National Laboratory (<http://www.transportation.anl.gov/pdfs/TA/361.pdf>)
- Autotherm (http://www.autothermusa.com/idle_calc.html)
- DOE Clean Cities program (http://www.afdc.energy.gov/cleancities/ccn/progs/story.php/W/HATS_NEW/862/0/A)
- EPA (<http://www.epa.gov/otaq/smartway/calculator/loancalc.htm>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9>

- [d9869fa88bfd51e50592a377d5d48?sitePagelD=40919&orgId=clcc](http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html)
- Kenworth (<http://www.kenworth.com>)
- Kim Hotstart (<http://www.kimhotstart.com/66/>)
- 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/idlingimpact-workplace.cfm?attr=16>)
- Thermo King (<http://www.thermoking.com/tripac/>)



- Webasto
(http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm)

Please let us know if you are aware of other sources that the readers of this newsletter might want to know about.

Summary of State Anti-Idling Regulations

The most up-to-date lists of anti-idling regulations in States and municipalities, updated in August 2009, are available at http://atri-online.org/index.php?option=com_content&view=article&id=164&Itemid=70. If your State or municipality has changed anything listed on this

site or if the information listed is in error, please let us know, and we'll make sure to inform our readership. This newsletter is also a place to let people know that you are thinking of adding or changing regulations and are soliciting comments.

Incentives and Funding Opportunities for Idling Reduction Projects

The Department of Energy (DOE) Clean Cities program provides a listing of Federal and State programs that offer incentives and funding for idling reduction projects. Further information can be found at http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0. Let us know if the information needs to be changed or updated. The West Coast Diesel Collaborative has a comprehensive listing of

grant and loan programs available from many States to purchase or apply for a loan for on-board idling reduction equipment. For the listing of these programs, please go to <http://westcoastcollaborative.org/programs.htm>.

Clean Cities, SmartWay Websites Show Locations of Electrified Parking Spaces

In collaboration with the U.S. Department of Transportation, the DOE Clean Cities program has a website showing the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are available in 34 States. CabAire, IdleAire, Shorepower Technologies, and EnviroDock installations are listed in this locator. Please go to

http://www.afdc.energy.gov/afdc/progs/tse_listings.php to access that information.

The EPA SmartWay Interactive Activity Map features data from SmartWay Partners, National Transportation Idle-Free Corridors, National Clean Diesel Campaign Retrofit Projects, School Bus USA projects, ethanol (E-85) and biodiesel fueling stations, State idling



laws, and other related data. The maps enable you to visualize the location of projects for specific fuel consumption and pollution reduction projects. The maps also help truck drivers to find the

nearest electrified truck stop and help you to find the nearest public alternative-fuel filling station. For more information, please go to http://epamap10.epa.gov/website/irim_us_map.asp.

Status of 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 based on one created by the Federal Highway Administration in 2008, and we have updated it as we have become aware of changes. As time permits, URLs will be provided so that interested parties, such as trucking companies, can work with their State trucking associations to make sure that enforcement officials are aware of changes in the laws. Please feel free to provide us with updates.

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

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 **red** have legislation pending.



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