

National Idling Reduction Network News

May 2010

SOLICITATIONS FOR FUNDING AND AWARDS

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

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
California Air Resources Board (CARB)	Clean Vehicle Rebate Project	\$4.1 million	First come, first served.	www.cvrp.energycenter.org
CARB	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf
CARB	California — Hybrid Truck and Bus Voucher Incentive Project (HVIP)	\$9.8 million	First come, first served.	http://www.californiahvip.org
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/m-sc/diesel_emission.htm
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$192,000	Rolling deadline until funds are awarded.	http://www.pca.state.mn.us/programs/sb_omb_loan.html#evaluation
North Carolina Division of Air Quality	North Carolina State Auxiliary Power Unit and 2010 Compliant Heavy-Duty Truck Rebate Program	\$265,018 (as of May 19, 2010)	Rolling deadline until the funds are awarded or September 30, 2010.	http://www.ncair.org/motor/Rebates/
North Central Texas Council of Governments (NCTCOG)	Heavy-Duty Vehicle and Equipment Grant Program	On-board idle reduction, ~ \$230,000; on-site idle reduction, ~\$1.3 million	Rolling deadline until June 25, 2010.	http://www.nctcog.org/trans/air/program_s/terp/hdvegp/idle.asp

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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.dieselretrofitrebate.org
Tennessee Department of Environment and Conservation	Idle Smart Program (rebates for the purchase of APUs)	~\$1.73 million	First come, first served before September 30, 2010.	http://www.state.tn.us/environment/recovery/der.shtml
Wisconsin Department of Commerce	Diesel Truck Idling Reduction Grant Program	\$2 million	First come, first served.	http://commerce.wi.gov/bd/BD-CA-Diesel-Grant-Program.html
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 June 2 and November 3, 2010.	http://www.nyserda.org/funding/1260pon.pdf
Environmental Protection Agency (EPA)	Targeted Air Shed Grant Program	\$10 million	June 4, 2010	http://www.epa.gov/air/grants_funding.html
Kansas Department of Health and Environment	Kansas Clean Diesel Grant Program	\$269,322	June 18, 2010	www.kdheks.gov/bar/air-monitor/dieselgrant.html
Mississippi Department of Environmental Quality	Auxiliary Power Unit Purchase Assistance Project	~ \$300,000	June 30, 2010	http://www.deq.state.ms.us/MDEQ.nsf/page/Main_Newsroom?OpenDocument Keith Head at 601-961-5577, or khead@deq.state.ms.us
U.S. Department of Energy (DOE)	State Energy Program (SEP) Program Year 2010 Formula Award	\$25 million	June 30, July 1, or September 30, 2010, depending on States' program-year cycle	https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000308&agency=DOE
NCTCOG	Clean Fleets North Texas (electric or natural gas infrastructure for governmental entities)	\$2.5 million	July 23, 2010	http://www.nctcog.org/trans/air/vehicles/investments/funding/index.asp

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Conserve Nova Scotia	Nova Scotia Class 8 Trucking Energy Efficiency Incentive Program	Can\$1 million	July 30, 2010	http://www.apta.ca/
The Texas Commission on Environmental Quality	Emissions Reduction Incentive Grants	Indeterminate	August 13, 2010	http://www.tceq.state.tx.us/implementation/air/terp/erig_apps.html
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/ssb/forms/ssbforms.nsf/AttachDocsPublish/023-05002E~3/\$File/05001-2E_ProgramGuide.pdf

REGULATORY NEWS

Third Time's the Charm for Alabama

After two failed attempts to pass a weight exemption bill in previous legislative sessions, Alabama lawmakers may now claim victory. On April 21, 2010, Alabama Governor Bob Riley signed Alabama Act 2010-543 (Senate Bill 288), which increases by 400 pounds the allowed gross, tandem, axle, or bridge formula weight limit for trucks equipped with idling reduction equipment. The full text of the bill can be found through Alabama's

Secretary of State website, <http://arc-sos.state.al.us/cgi/actdetail.mbr/detail?year=2010&act=543&page=bill>.

For more information, please see http://www.landlinemag.com/todays_news/Daily/2010/May10/051010/051310-03.htm.

Pennsylvania Toughens Its Idling Regulations

The Allegheny County Health Department recently enacted a regulation in the Pittsburgh, Pennsylvania, area, effective May 1, 2010, to reduce idling emissions from diesel-fueled, off-road vehicles. Such idling is now limited to no more than 5 consecutive minutes. Developed with input from the construction industry and environmental organizations, the rule applies to any person or business owning or operating diesel-fueled compression ignition engines of 25 horsepower or greater that power off-road vehicles or are not registered for on-road use. Such vehicles are typically used in construction, mining, land filling, manufacturing, warehousing, airport ground support, and other industrial operations. Exemptions from the 5-minute limit include: idling necessary to accomplish the work for which the equipment is designed; idling to ensure safe operation of equipment;

idling for the equipment operator's physical well-being while working; and idling any vehicle used in an emergency or public safety capacity. A first offense comes with a penalty of \$100; penalties of \$500 follow for subsequent violations. Please go to www.achd.net for more information.

Pennsylvania's Diesel Powered Motor Vehicle Idling Act, which took effect in February 2009, included an exemption to allow truck and bus drivers to idle their engines to provide cab cooling or heat when temperatures were less than 40°F or more than 75°F. This exemption expired on May 1, 2010. Idling is now restricted to no more than 5 minutes in any 60-minute period. For more information, please see <http://www.dep.state.pa.us/dep/deputate/airwaste/aq/cars/idling.htm>.

Much Legislative Ado about Idling

The States have been busy with legislation regarding both the 400-pound weight exemption and idling-time restrictions. In Florida, House Bill (HB) 1271, which includes a provision for the 400-pound exemption, awaits Governor Crist's signature. Weight exemption bills in California (Assembly Bill 1772) and New York (Senate Bill [SB] 5722) are also in the pipeline. Massachusetts' H3334 remains in committee.

Michigan has introduced SB1069, which limits the idling of commercial vehicles to no more than 5 minutes per hour. Wisconsin and Vermont, on the other hand, ended their legislative sessions without passing bills that would have restricted truck idling to 5 minutes or less in any 60-minute period. For more information on Michigan, Wisconsin, and Vermont, please see http://www.landlinemag.com/todays_news/Daily/2010/May10/052410/052410-05.htm.

Toronto's Board of Health Proposes Tighter Idling Restrictions

Toronto's Board of Health has voted in favor of reducing the maximum idling time in the city from 3 minutes to 1 minute. The exemption for extreme temperatures would be eliminated altogether. The proposed idling bylaw will go before the Toronto City Council on June 8 and 9. Toronto, which first passed an idling bylaw in 1996, was the first city in Canada to

restrict the idling of cars. The Board of Health's recommendations can be found at http://www.toronto.ca/health/boh_reports.htm#hl30_02, and agendas and minutes for the Toronto City Council can be found at <http://www.toronto.ca/legdocs/2010/agendas/cc.htm>.

British Columbia Grants Weight Allowance for Trucks

Acting on a recommendation from the Trucking Sector Climate Action Working Group, the province of British Columbia has adopted a weight allowance for trucks equipped with APUs. The Ministry's Commercial Vehicle Safety and Enforcement branch now permits a weight tolerance of

up to 225 kg (500 pounds) for vehicles with APUs. A length allowance was also granted. For more information, please see http://www2.news.gov.bc.ca/news_releases_2009-2013/2010TRAN0021-000541.htm.

AWARDS AND RECOGNITION

ORGANIZATION	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Clean Air Campaign (Georgia)	UPS Foundation	Idling Reduction Education Program	\$50,000

UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
CARB: Goods Movement Emission Reduction Program Public Workshop	Long Beach and Fresno, California	June 2 (Long Beach) and June 3 (Fresno)	http://www.arb.ca.gov/bonds/gmbond/gmbond.htm
2010 DOE Hydrogen Program and Vehicle Technologies Program Annual Merit Review and Peer Evaluation Meeting	Washington, D.C.	June 7–11, 2010	http://annualmeritreview.energy.gov/

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MEETING	LOCATION	DATE	WEBSITE OR CONTACT
The Government Fleet Expo & Conference (GFX)	Austin, Texas	June 21–23, 2010	http://www.governmentfleetexpo.com/
Fifth Annual Southeast Diesel Collaborative Partners Meeting	Atlanta, Georgia	June 21–24, 2010	http://www.southeastdiesel.org
CARB Public Meeting To Consider the Adoption of the Proposed AB 118 Air Quality Improvement Program Funding Plan for Fiscal Year 2010–11	Sacramento, California	June 24, 2010	http://www.arb.ca.gov/msprog/aqip/aqip.htm
2010 Advancing the Choice: Delivering Success (NCTCOG and the Dallas-Fort Worth Clean Cities Coalition)	Grand Prairie, Texas	August 11, 2010	http://www.nctcog.org/trans/clean/cities/index.asp
15th International Union of Air Pollution Prevention and Environmental Protection Associations' (IUAPPA) World Clean Air Congress	Vancouver, Canada	September 11–16, 2010	http://www.iuappa2010.com/
16th Directions in Engine-Efficiency and Emissions Research (DEER) Conference	Detroit, Michigan	September 27–30, 2010	http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html
National Center for Vehicle Emissions Control and Safety (NCVECS) 26th Clean Air Conference	Breckenridge, Colorado	September 27–30, 2010	http://www.ncvecs.colostate.edu/conference/Default.aspx
Hybrid Truck Users Forum (HTUF) National Conference 2010	Dearborn, Michigan	September 28–30, 2010	http://www.calstart.org/Homepage.aspx
West Coast Collaborative Partners Meeting	San Francisco, California	September 29–30, 2010	http://jgroup-associates.com/wcc/meeting.htm
SAE Commercial Vehicle Engineering Congress and Exhibition	Rosemont, Illinois	October 5–6, 2010	http://www.sae.org/events/cve/
National Clean Diesel Campaign Conference	Washington, D.C.	October 19–20, 2010	http://www.dieselforum.org/policy/retrofit/retrofit-events/save-the-date-clean-diesel-10
Sustainable Shipping Conference	Miami, Florida	October 20–22, 2010	http://www.sustainableshipping.com/events/2010/miami/
Transportation Research Board (TRB) 90th Annual Meeting	Washington, D.C.	January 23–27, 2011	http://www.trb.org/AnnualMeeting2011/Public/AnnualMeeting2011.aspx

REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
U.S. House of Representatives, Committee on Transportation and Infrastructure, Subcommittee on Highways and Transit	Assessing the Implementation and Impacts of the Clean Truck Programs at the Port of Los Angeles and the Port of Long Beach	http://transportation.house.gov/Media/file/Highways/20100505/SSM_HT.pdf
Oregon Department of Environmental Quality (DEQ)	Draft Recommended Oregon Idling Law and Draft Idling Recommendations	http://www.deq.state.or.us/aq/committees/TruckEfficiencyStudyGrp.htm and scroll down to Presentations
TRB's National Cooperative Highway Research Program (NCHRP)	Assessing Mechanisms for Integrating Transportation-Related Greenhouse Gas Reduction Objectives into Transportation Decision Making	http://www.trb.org/Main/Blurbs/163179.aspx

MANUFACTURERS' NEWS

Thermo King: SmartWay Verification and New Series

EPA's SmartWay program recently verified Thermo King's TriPac[®] electric auxiliary idle reduction and temperature management system, as well as the company's engine-based APU, TriPac.

Additionally, Thermo King has launched a new T-Series line of temperature-control units for straight trucks: the T-600R and the T-800R. The units use

the SmartPower electric standby option, which reduces fuel use and emissions by allowing the unit to operate on electric power while at the dock. More information is available at <http://www.thermoking.com/tk/index.asp>.

GREEN Star: An APU for the Fire Service

Rosenbauer, a manufacturer of fire-fighting apparatus, has introduced the GREEN Star idle reduction system. With this APU, once the vehicle is on scene and the parking brake set, electronic controls shut off the vehicle's main engine and start the diesel-powered APU. Introduced at the Fire

Department Instructors Conference in Indianapolis, Indiana, in April, the APU uses a quarter of the fuel that would be used by the main engine. If power demand exceeds the APU's ability to produce power, the system automatically restarts the main engine. According to Rosenbauer, fire

services increasingly respond to fewer fires and more medical and other emergency calls. During these times, vehicles idle an average of 10–40

minutes to keep lights and communication equipment functioning. For more information, please see http://www.rosenbaueramerica.com/green_star/.

Black Rock Closed for Business

Black Rock Systems, manufacturer of the BlackRock APU, ceased operations on April 30, 2010. BlackRock customers requiring service are referred to the company's distributors and service centers. According to *Land Line*, the company is seeking a buyer for its warranty obligations. More information is

available at http://www.landlinemag.com/todays_news/Daily/2010/May10/051010/051010-04.htm and <http://www.blackrockapu.com/>.

ELECTRIFIED PARKING SPACES

New Investors Plan to Revive IdleAire

Having fallen into bankruptcy in January of this year, IdleAire reportedly has a new group of investors seeking to relaunch the company. According to the *Knoxville News Sentinel*, Convoy Solutions, a New York based investment group, bought IdleAire's intellectual property and some key assets. The company, which plans to remain headquartered in Knoxville, Tennessee, intends to resume service at about two dozen locations. Before the

bankruptcy filing, IdleAire had operated about 130 locations in 34 States. For more information, please see <http://www.knoxnews.com/news/2010/may/26/idleaire-starting-up-in-25-places/?partner=RSS>. The link <http://www.idleaire.com/> lists the locations planned for reopening.

PORTS

Cold Ironing Website Launched

The World Ports Climate Initiative has launched a website that provides information about onshore power supplies for ports and terminals worldwide. Differences among ports in electrical frequencies and voltage levels, along with the absence of international standards, complicate the

widespread adoption of onshore power supply, or "cold ironing." Information about cold ironing at the Ports of Los Angeles, Long Beach, and Seattle is available on the site. Please see www.onshorepowersupply.org.

OTHER NEWS OF INTEREST

Oregon and Texas Form Groups to Study Idling Reduction

In 2009, the Oregon Legislature directed their State DEQ to evaluate the requirements for reducing greenhouse gas emissions from commercial heavy- and medium-duty vehicles. In response, the DEQ formed the Truck Efficiency and Reduced Idling Study Group. Study group members will work with DEQ staff to report findings and recommendations for legislation to the Interim Committee on Environment and Natural Resources by October 1, 2010. More information, including the group's charter, meeting agendas and minutes, and a Draft Recommended Oregon Idling Law, can be found at

<http://www.deq.state.or.us/aq/committees/TruckEfficiencyStudyGrp.htm#Contact>.

The Texas Commission on Environmental Quality has launched the Motor Vehicle Idling Stakeholder Group. Open to the public, the group met in April. Meeting agendas and minutes and a schedule of future meetings can be found at

http://www.tceq.state.tx.us/implementation/air/mobilesource/vim/idling_stakeholder.html.

RECURRING FEATURES

Currently Available Idling Reduction Equipment

The DOE/EERE Alternative Fuels and Advanced Vehicles Data Center (AFDC) 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.

For EPA-verified idle reduction technologies in eight categories, please visit EPA's SmartWay Transport website at

<http://www.epa.gov/smartway/transport/what-smartway/verified-technologies.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, 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.

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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 **brown** have legislation in process. †Effective July 1, 2010. ‡Effective June 11, 2010.

Summary of State and Municipal Anti-Idling Regulations

The most current information about anti-idling regulations, for both States and municipalities, is available at http://atri-online.org/index.php?option=com_content&view=article&id=164&Itemid=70 and 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's Clean Cities program 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. 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 www.northeastdiesel.org/funding.htm; Mid-Atlantic Diesel Collaborative

(Region 3), www.dieselmidadatlantic.org/diesel/funding.htm; Southeast Diesel Collaborative (Region 4), www.southeastdiesel.org/funding.html; Midwest Clean Diesel Initiative (Region 5), www.epa.gov/midwestcleandiesel/grants/index.html; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), www.blueskyways.org/funding/index.html; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), www.epa.gov/region8/air/rmcdc.html; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), www.westcoastcollaborative.org/grants.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/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/WHATS_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=d0301a9d9869fa88bfd51e50592a377d5d48?sitePageId=40919&orgId=clcc>)
- Kenworth (<http://www.kenworth.com>)

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 possible interest to newsletter readers, please let us know.

- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?selectionNumber=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)

Locations of Electrified Parking Spaces

In collaboration with the U.S. DOT, 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 at least six States. CabAire, Shorepower Technologies, and EnviroDock installations are listed in this locator (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, 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.

How to Find Back Issues of *National Idling Reduction Network News*

All issues of *National Idling Reduction Network News* may be found at http://www1.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 retype the URL in your browser window.

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