



NATIONAL IDLING REDUCTION NETWORK NEWS

Early Fall 2008

SOLICITATIONS FOR FUNDING AND AWARDS

[Red text indicates a new entry compared to last month.]

Organization	Project	Funding	Deadline	Website
Allegheny County (Pennsylvania) Health Department	Allegheny County Diesel School Bus Retrofit Program	\$500,000	Rolling deadline until funds are awarded.	http://www.achd.net/air/air.html and go to "School Bus Retrofit Program" on the right side of the screen
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
New York State Research and Development Authority (NYSERDA)	PON 1158: School Bus Idling Reduction Demonstration Program for Westchester, Putnam, and Dutchess Counties	~\$325,000	Rolling deadline between November 10, 2008, and March 31, 2009	http://www.nyserda.org/funding/1158pon.asp
U.S. Environmental Protection Agency (EPA)	Engineering Excellence through Hybrid Technology	\$1.35 million	December 15, 2008	http://www.epa.gov/air/grants_funding.html and refer to Solicitation #EPA-OAR-OTAQ-08-09



Organization	Project	Funding	Deadline	Website
Wisconsin Department of Commerce	Wisconsin Diesel Truck Idling Reduction Grant Program	\$2 million	December 1, 2008	http://commerce.wi.gov/bd/BD-CA-Diesel-Grant-Program.html
North Carolina Department of Environment and Natural Resources	2009 Mobile Source Emissions Reduction Grants	\$1.4 million	December 31, 2008	http://www.daq.state.nc.us/motor/ms_grants/Application2009.pdf
U.S. Department of Energy (DOE)	Efficient and Clean Energy Loan Guarantees	\$10 billion (loan guarantees)	December 31, 2008	http://www.lgprogram.energy.gov/keydocs.html
North Central Texas Council of Governments	Diesel Idling Reduction Program	≥\$1.2 million	January 16, 2009	http://www.nctcog.org/dirp

REGULATORY NEWS

More States Enact Anti-Idling Regulations

This past legislative season brought forth new idling regulations in four States while Georgia and North Carolina are working to join this club. The American Transportation Research Institute (<http://www.atri-online.org>) has the most up-to-date information in the status of what is happening in this area and was a good source for the information below. One can readily see that each State has a different view of what is important to its citizens in terms of vehicle weight, temperature relief and other exemptions, and fines.

Florida. This law goes into effect on December 15, 2008, and expires at midnight on September 30, 2013. Idling of diesel-powered vehicles weighing more than 8,500 pounds is limited to 5 minutes. There is no exemption for temperature, but idling while the driver is sleeping or

resting in a sleeper berth is allowed. Text of the law can be found at <http://www.dep.state.fl.us/legal/Rules/air/62-285/62-285.doc>.

Maine. This law limits idling to 5 minutes in a 60-minute period, except for the exemptions, which include temperature and sleeper berths. In addition, the law pertains to owners or operators of facilities where commercial vehicles unload or load. A vehicle can idle for up to 15 minutes when the temperature is 32°F or less or without limit when the temperature is below 0°F. Fines range from \$150 to \$500 depending on the frequency of violation and how the violator is. More information is at



<http://www.mainelegislature.org/legis/Statutes/38/title38sec585-L.html>.

Pennsylvania. Diesel vehicles weighing more than 10,000 pounds will be limited to idling for not more than 5 minutes per hour in the entire Commonwealth of Pennsylvania starting February 9, 2009. SB 295 now allows the entire State to be subject to anti-idling regulations rather than just Allegheny County (Pittsburgh area) and the City of Philadelphia. Fines range from between \$150 to \$300. Several exemptions, following the SmartWay Transport Partnership Model State Idling Law, permit idling when the temperature is lower than 40°F and more than 75°F; this exemption expires on May 1, 2010, by which time more idling reduction equipment is expected to be available.

In addition, idling restrictions will not apply to trucks that exhibit a label “issued by the California Air Resources Board” that shows the vehicle’s engine meets the optional NOx idling emission standard. A

new twist in this law is that idling violations can be placed on vehicle owners as well as operators, and owners or operators of locations where vehicles load and unload will also face fines for violations. More information is available at http://www.landlinemag.com/todays_news/Daily/2008/Oct08/101308/101708-03.htm. *Source:* Arleen Shulman, Pennsylvania Department of Environmental Protection

South Carolina. Idling is limited to 10 minutes in every 60-minute period for commercial vehicles weighing more than 10,000 pounds. Exemptions include for temperature (less than 40° and greater than 80°F), for rest periods for sleeping, and for sleeper berths when the trucker is using heating or air-conditioning. A vehicle can idle when it is at a commercial truck stop or rest area as long as it is more than 500 feet from a residential area, school, hospital, or the like. Operating an auxiliary power unit or generator set is not considered idling. Fines are \$75 after July 1, 2009. Complete text of the law can be found at http://www.scstatehouse.gov/sess117_2007-2008/bills/3853.htm.

Economic Stimulus Bill Offers Bonus for Truckers

Section 206 of the Emergency Economic Stabilization Act of 2008 (Public Law 110-343), Exclusion from Heavy Truck Tax for Idling Reduction Units and Advanced Insulation, allows for auxiliary power units and advanced insulation having an R-value equal to or more than R-35 per inch to be exempt from paying 12-percent Federal excise tax. The legislation also requires that there be

coordination among the Environmental Protection Agency, which has the lead for determining which products should be exempt, and the Departments of Energy and Transportation. The EPA SmartWay Transport Partnership will be publishing a list of exempt equipment in the near future on its website. When that list is available, it will be a regular feature of this newsletter.



UPCOMING MEETINGS AND EVENTS

[Red text indicates a new entry compared to last month.]

Meeting	Location	Date	Website or Contact
North Central Texas Council of Governments Diesel Idling Reduction Program Grant Workshop	Arlington, Texas	December 2, 2008	http://www.nctcog.org/dirp
Transportation Research Board	Washington, D.C.	January 11-15, 2009	http://www.trb.org/meeting/2009/default.asp
Society of Automotive Engineers Government/Industry Meeting (concurrent with the Washington Auto Show)	Washington, D.C.	February 3-6, 2009	http://www.sae.org/events/gim
Clean Heavy-Duty Vehicle Conference and Expo	Long Beach, California	March 16-18, 2009	http://www.calstart.org
Alternative Fuels & Vehicles Conference + Expo	Orlando, Florida	April 19-22, 2009	http://www.afv2009.com

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 this newsletter, all issues are located at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Please update your bookmarks accordingly.

Also, 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 and owner-operators 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. Here are a few sites that might be of benefit to you. Any new entry this month is shown in red.

- Argonne National Laboratory (<http://www.transportation.anl.gov/pdfs/TA/361.pdf>)
- Authotherm (http://www.authothermusa.com/idle_calc.html)
- Cummins (<http://www.cumminscomfortguard.com/offer>)
- EPA (<http://www.epa.gov/otag/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?sitePagelId=40919&orgId=clcc>)

- Kenworth (<http://www.kenworth.com>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- Natural Resources Canada (<http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16>)
- Teleflex APU's (http://www.teleflexpower.com/tb_idle_calculator_usapu.php)
- Teleflex auxiliary heaters (http://www.teleflexpower.com/tb_idle_calculator_usheater.php)
- 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 July 2008, 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.

In addition, Erin Vachon, Environmental Coordinator for the Star Program at the Louisville Metro Air Pollution Control District (APDC), is still gathering information for a comprehensive review of all idling restrictions across the country as of April 11, 2008. The Idling Regulation Review can be found at <http://www.louisvilleky.gov/APCD/Stakeholder/IRWGDdocuments.htm> in Excel and PDF formats. Louisville APDC will continue to update the review until the conclusion of their stakeholder process in September



2008. All updates will be posed at the webpage above. Please direct your questions and comments to Erin at erin.vachon@louisvilleky.gov

or (502) 574-7262. *Source:* Kevin Downing, Oregon Department of Environmental Quality

Incentives and Funding Opportunities for Idling Reduction Projects

The 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.eere.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://www.westcoastdiesel.org/programs.htm>.

Clean Cities, SmartWay Web Sites Show Locations of Electrified Parking Spaces

Until just recently, the DOE Clean Cities program has had 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. Both IdleAire and Shorepower Technologies installations are listed in this locator. The site is being redesigned and is currently unavailable. It is expected to be back online soon.

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 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 table below was created by the Federal Highway Administration this past summer. As time permits, URL's 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 updates for

this table.

State Enforcement of 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)			
State	Allows 400-Pound Weight Exemption	Does not Allow 400-Pound Weight Exemption	Legislation Pending to Allow Exemption
Alabama		X	X
Alaska	X		
Arizona	X		
Arkansas	X		
California		X	
Colorado		X	X
Connecticut		X	
Delaware		X	
District of Columbia		X	
Florida		X	
Georgia		X	
Hawaii		X	
Idaho	X		
Illinois	X		
Indiana	X		
Iowa	X		
Kansas	X		
Kentucky		X	
Louisiana	X		
Maine		X	
Maryland	X		

State	Allows 400-Pound Weight Exemption	Does not Allow 400-Pound Weight Exemption	Legislation Pending to Allow Exemption
Massachusetts		X	
Michigan	X		
Minnesota	X		
Mississippi	X		
Missouri	X		
Montana	X		
Nebraska	X		
Nevada	X		
New Hampshire	X		
New Jersey	X		
New Mexico	X		
New York	X		
North Carolina		X	
North Dakota	X		
Ohio	X		
Oklahoma	X		
Oregon	X		
Pennsylvania	X		
Rhode Island		X	
South Carolina	X		
South Dakota	X		
Tennessee		X	
Texas	X		
Utah	X		



State	Allows 400-Pound Weight Exemption	Does not Allow 400-Pound Weight Exemption	Legislation Pending to Allow Exemption
Vermont	X		
Virginia			
Washington	X		
West Virginia		X	X
Wisconsin	X		
Wyoming		X	

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