



# NATIONAL IDLING REDUCTION NETWORK NEWS

December 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.	<a href="http://www.achd.net/air/air.html">http://www.achd.net/air/air.html</a> and go to "School Bus Retrofit Program" on the right side of the screen
<b>California Air Resources Board (CARB)</b>	<b>On-Road Heavy-Duty Vehicle Loan Program</b>	<b>~\$48 million for loan guarantees</b>	<b>Rolling deadline until funds are awarded.</b>	<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>
<b>Climate Trust</b>	<b>Greenhouse Gas Offset Projects</b>	<b>\$8 million</b>	<b>Rolling deadline until funds are awarded.</b>	<a href="http://www.climatetrust.org/solicitations_open.php">http://www.climatetrust.org/solicitations_open.php</a>
<b>Efficiency Maine</b>	<b>Small Business Low Interest Loan Program</b>	<b>Indeterminate</b>	<b>Rolling deadline until funds are awarded.</b>	<a href="http://www.energymaine.com/business_programs_sbliip.htm">http://www.energymaine.com/business_programs_sbliip.htm</a>
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.	<a href="http://www.dieselretrofitrebate.org">http://www.dieselretrofitrebate.org</a>
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	<a href="http://www.nyserda.org/funding/1158pon.asp">http://www.nyserda.org/funding/1158pon.asp</a>



Organization	Project	Funding	Deadline	Website
North Central Texas Council of Governments	Diesel Idling Reduction Program: 2008 Call for Projects	≥\$1.2 million	January 16, 2008	<a href="http://www.nctcog.org/trans/air/programs/idling/DieselFreightIdling.asp">http://www.nctcog.org/trans/air/programs/idling/DieselFreightIdling.asp</a>
<b>CARB</b>	<b>Solicitation of Research Concepts for 2009-2010 Annual Research Plan</b>	<b>~\$6.6 million</b>	<b>January 20, 2009</b>	<a href="http://www.arb.ca.gov/research/apr/plan/concepts/concepts09-10.htm">http://www.arb.ca.gov/research/apr/plan/concepts/concepts09-10.htm</a>
<b>Texas Emissions Reduction Plan</b>	<b>Emissions Reduction Incentive Grant Program</b>	<b>~\$60 million</b>	<b>February 20, 2009</b>	<a href="http://www.tceq.state.tx.us/implementation/air/terp/erig.html">http://www.tceq.state.tx.us/implementation/air/terp/erig.html</a>
<b>U.S. Department of Energy</b>	<b>Clean Cities FY 09 Petroleum Reduction Technologies for Transportation Sector</b>	<b>\$1.8 million</b>	<b>February 27, 2009</b>	<a href="https://e-center.doe.gov/iips/faopor.nsf/UNID/C13B5C26EC575CDC85257527005EBB6E?OpenDocument">https://e-center.doe.gov/iips/faopor.nsf/UNID/C13B5C26EC575CDC85257527005EBB6E?OpenDocument</a>
<b>Ohio Energy Office</b>	<b>Diesel Emissions Reduction Grant Program</b>	<b>\$11.2 million</b>	<b>March 2, 2009</b>	<a href="http://www.odod.state.oh.us/diesel-emissions/">http://www.odod.state.oh.us/diesel-emissions/</a>

## REGULATORY NEWS

### *Another Bay State Waste Hauler Cited for Idling*

Waste Management of Massachusetts, Inc., has been fined \$27,200 for excessive idling at its Stoughton, Taunton, and West Boylston, Massachusetts depots. This is the third time in 2008 that the Region 1 of the U.S. Environmental Protection Agency (EPA) has fined waste haulers in Massachusetts for violating the Commonwealth's 5-minute idling rule. Fines collected from Capitol Waste Services, Allied Waste Services, and Waste Management of Massachusetts have totaled \$329,500 in penalties for idling violations in this year alone.

EPA inspected numerous locations where trucks park in an effort to reduce habitual and systematic idling of fleets, especially in heavily

populated areas. Specifically, EPA inspected Waste Management trucks in Attleboro, Sandwich, Stoughton, Taunton, West Boylston, and Woburn.

Although idling to perform required engine-on vehicle safety checks is generally permitted, excessive idling often occurs out of habit or due to outdated assumptions about engine function. Taking steps to improve arrival and departure logistics as well as to change driver behavior will not only help companies protect the health of their drivers and the surrounding community, but also will save fuel and money, according to EPA.



As part of the settlements, Waste Management and Allied Waste have agreed to make operational changes to minimize future idling. Waste Management has retrained its drivers about the State idling rule and will inspect all its Massachusetts facilities daily. Allied will train drivers, post signage, inspect yards twice daily, and insure that automatic engine shutoff devices are working properly in Brockton, Fall River, Quincy, and Revere – the four Allied locations cited for violations. Both companies will submit quarterly compliance reports to EPA.

Five New England States (Connecticut, Massachusetts, Maine, New Hampshire, and Rhode Island) have idling laws, and EPA has the authority to help enforce limits in Connecticut, Massachusetts, and Rhode Island. EPA's enforcement efforts are complemented by assistance to help vehicle operators find alternatives to idling. More information about Region 1's anti-idling activity can be found at <http://www.epa.gov/region1/eco/diesel/idling.html>. Source: <http://yosemite.epa.gov/opa/admpress.nsf/6d651d23f5a91b768525735900400c28/6f2f7efc68df442f852574f100659f23!OpenDocument>

## UPCOMING MEETINGS AND EVENTS

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

Meeting	Location	Date	Website or Contact
Transportation Research Board	Washington, D.C.	January 11-15, 2009	<a href="http://www.trb.org/meeting/2009/default.asp">http://www.trb.org/meeting/2009/default.asp</a>
Society of Automotive Engineers Government/Industry Meeting (concurrent with the Washington, D.C., Auto Show)	Washington, D.C.	February 3-6, 2009	<a href="http://www.sae.org/events/gim">http://www.sae.org/events/gim</a>
Clean Heavy-Duty Vehicle Conference and Expo	Long Beach, California	March 16-18, 2009	<a href="http://www.chdv.org">http://www.chdv.org</a>
<b>Faster Freight, Cleaner Air</b>	<b>Long Beach, California</b>	<b>March 23-25, 2009</b>	<a href="http://www.fasterfreightcleanerair.com/">http://www.fasterfreightcleanerair.com/</a>
Alternative Fuels & Vehicles Conference + Expo	Orlando, Florida	April 19-22, 2009	<a href="http://www.afv2009.com">http://www.afv2009.com</a>



## ELECTRIFIED PARKING SPACES

### *EnviroDock Partners with NYSERDA to Commercialize New Stationary Idling Reduction Prototypes*

EnviroDock, Inc., has received a \$252,000 cost-shared contract from the New York State Energy Research and Development Authority (NYSERDA) to move its new stationary idling reduction system closer to the marketplace. The contract will enable EnviroDock to gather data at the AMBEST Super Stop in Fultonville, New York, that will enable the company to explore the successful market adoption, penetration, and commercialization of its prototypes. The EnviroDock system is a modular heating, ventilation, and air-conditioning (HVAC) system that delivers heat and air-conditioning to the sleeper cab for long-haul truckers who overnight on the road. Additionally, electric power is provided for onboard amenities, such as microwaves and coffee pots, as well as for engine block heaters in the winter.

The contract with NYSERDA allows for installation of five EnviroDock units at the truck stop, which is located near Exit 28 of the New York State Thruway. The company will evaluate and analyze the use of these units with the goal of producing information that will enable further enhancement and refinement of the concept. EnviroDock will also explore other applications where idling of vehicles is an issue. Other partners on this team are Polsinello Fuels, New West Technologies, TDR Designs, Environmental Protection Products, United CoolAir Corporation, and AFC Industries. More information is available at <http://www.envirodock.com/downloads/EDPR-NYSERDA.pdf> and <http://www.timesunion.com/AspStories/story.asp?storyID=729564>.

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## OTHER NEWS OF INTEREST

### *Inventory of Truck Stops Underway in NYC Region*

The New York Metropolitan Transportation Council (NYMTC) is conducting a study that will provide the tri-state region (Connecticut, New Jersey, and New York) with a comprehensive evaluation of existing truck stop services (formal and informal) and a determination of the need to provide either enhanced services at existing stops or the identification of potential regional improvements. The *Multi-State Truck Rest Stop Inventory and Assessment Study* is a way for regional planning agencies to deal with an expected 47-percent

increase in freight traffic in the region. Please visit NYMTC's website (<http://www.nymtc.org>) to learn more or the Freight Planning page directly at [http://www.nymtc.org/project/freight\\_planning/freight\\_index.html](http://www.nymtc.org/project/freight_planning/freight_index.html). Howard Mann is running this study for NYMTC, and he can be reached at (212) 383-2530 or [hmenn@dot.state.ny.us](mailto:hmenn@dot.state.ny.us). Source: Joe Tario, NYSERDA



## *Maine Offers Low-Interest Loans for APU's*

Efficiency Maine, which is Maine Energy Office housed in the Public Utilities Commission, has a small-business fund that can be used for energy-saving technologies. The interest rate is 3 percent and can be for 3-5 years. Truckers seeking to purchase auxiliary power units (APU's) or bunk heaters can apply for funding. There is no deadline for applying, but the total amount of funding available is a discrete amount. Businesses have to be Maine-owned and located in Maine,

have 50 or fewer employees, or gross less than \$5 million in annual gross revenue. Applicants must pass a credit check and have security (other than the APU) for the loan. More information can be found at [http://www.energymaine.com/business\\_programs\\_loans.htm](http://www.energymaine.com/business_programs_loans.htm). Shirley Bartlett is the contact, and she can be reached at (207) 287-3318 or [Shirley.bartlett@maine.gov](mailto:Shirley.bartlett@maine.gov). Source: Jeff Kim, Shorepower

## 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](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.autothermusa.com/idle\\_calc.html](http://www.autothermusa.com/idle_calc.html))
- Cummins (<http://www.cumminscomfortguard.com/offer>)
- 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?sitePagelD=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/ldling/idlingimpact-workplace.cfm?attr=16>)
- Teleflex APU's ([http://www.teleflexpower.com/tb\\_idle\\_calculator\\_usapu.php](http://www.teleflexpower.com/tb_idle_calculator_usapu.php))
- Teleflex auxiliary heaters ([http://www.teleflexpower.com/tb\\_idle\\_calculator\\_usheater.php](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](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](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/IRWGDocuments.htm> in Excel and PDF formats. Louisville APCD 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](mailto: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](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>.

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### *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](http://epamap10.epa.gov/website/irim_us_map.asp).

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### *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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