



NATIONAL IDLING REDUCTION NETWORK NEWS

Early Spring 2009

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
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/solicitations_open.php
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.energymaine.com/business_programs_sbliip.htm
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



Organization	Project	Funding	Deadline	Website
U.S. Environmental Protection Agency (EPA)	American Recovery and Reinvestment Act Funding for the National Clean Diesel Funding Assistance Program	~\$156 million	April 28, 2009	http://epa.gov/otaq/eparecovery/documents/recovery-act-national-clean-diesel-rfa.pdf
	American Recovery and Reinvestment Act Funding for the SmartWay Clean Diesel Finance Program	~\$30 million	April 28, 2009	http://epa.gov/otaq/eparecovery/documents/recovery-act-smartway-finance-clean-diesel-rfa.pdf
	American Recovery and Reinvestment Act Funding for the Clean Diesel Emerging Technologies Program	~\$20 million	May 5, 2009	http://epa.gov/otaq/eparecovery/documents/recovery-act-emerging-technology-rfa.pdf
DOE	Recovery Act – Transportation Electrification	~\$378 million	May 13, 2009	https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_OpportunitySummary.aspx
U.S. Department of Energy (DOE)	Energy Efficiency and Conservation Block Grants - Recovery	\$3 billion	Applications from States due May 26, 2009; applications from local governments and Indian tribes due June 25, 2009	http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&opId=46340
American Council for an Energy-Efficient Economy	2009 Champion of Energy Efficiency Awards	N/A	May 22, 2009	http://aceee.org/about/09sschampform.doc
U.S. Army	Tactical Idle Reduction for Heavy Tactical Vehicles Technology Transition Initiative	TBD	May 26, 2009	https://abop.monmouth.army.mil/busopor27-2009.nsf/all/W909MY-09-R-0007



Organization	Project	Funding	Deadline	Website
New York State Energy Research and Development Authority	Clean Energy Business Growth & Development Program Opportunity Notice 1260	\$6.4 million	Rounds close on August 5, 2009, and January 6, June 2, and November 3, 2010	http://www.nyserda.org/funding/1260pon.pdf
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

AWARDS AND RECOGNITION

EPA Announces More FY 2008 DERA Awards, Plans for FY 2009 Solicitations

Using almost \$50 million from the Diesel Emissions Reduction Act (DERA) in FY 2008, EPA conducted targeted, competitive solicitations and has published notices about the awarding of funds. Awards from

the first tranche of almost \$3.4 million for the national diesel program were announced in September 2008 for loans for small trucking companies.

FY 2008 National DERA Awards

Organization	Purpose of EPA Grant	Total Funding
Cascade Sierra Solutions	Provide below-market interest rate loans for truckers, allowing for installation of idling reduction equipment on 1,700 trucks and leveraging \$17.1 million	\$1.13 million
Community Development Transportation Lending Services	Create national low-interest revolving loan fund for the purchase of used trucks that have EPA SmartWay upgrades or will receive SmartWay upgrades	\$1.13 million
Owner-Operator Independent Drivers Association	Administer an Innovative Finance Program to help small business truckers obtain auxiliary power units (APUs) by paying 40 percent of the cost to purchase and install the units	\$1.13 million



The January issue of this newsletter had information on the \$14.8 million for the FY 2008 DERA State Clean Diesel awards that include idling reduction. Please see http://www1.eere.energy.gov/vehiclesandfuels/pdfs/idling_news/jan09_network_news.pdf for that article.

EPA's DERA funding also went to the seven Diesel Collaboratives formed by the 10 EPA regions. Notices of awards have been published by the Mid-West Clean Diesel Collaborative and the Northeast Diesel Collaborative. Awards that are being used for idling reduction are in the table below:

FY 2008 Mid-West Clean Diesel Awards that Include Idling Reduction		
Organization	Purpose of EPA Grant	Total Funding
Illinois Green Fleets	Provide 14 grants to reduce pollution, including APUs, on a variety of buses and trucks	\$678,604
Indiana Department of Environmental Management	Partner with two DOE Clean Cities Coalitions (South Shore and Central Indiana) to provide seed money, in part, for a State-wide loan program for APUs	\$334,500
NextEnergy Center	Partner with A.D. Transport to retrofit 62 long-haul trucks with APUs	\$250,000
Ohio Environmental Council	Provide funding to Columbus Regional Airport Authority to install APUs on three airport vehicles	\$394,589
FY 2008 Northeast Clean Diesel Awards that Include Idling Reduction		
Massport	Install enough dockside power stations at the Boston Fish Pier to accommodate 12 fishing vessels	\$400,000
Manchester, New Hampshire, Transit Authority	Install a combination of advanced pollution control and idle reduction technologies on 89 municipal vehicles and idle reduction devices on an additional 10 school buses	\$229,703
Northeast States for Coordinated Air-Use Management	Install APUs on 17 locomotives built between 1969 and 1988	\$535,250

Complete information about each of the awards is available at https://secure.cascadesierrasolutions.org/downloads/newsmedia/EPA_9_24_08_14fnt.swf, http://www.ooida.com/Benefits&Services/Services/Truck_Finance/AP_U%20Grant%20APP.pdf, http://www.truckinginfo.com/news/news-detail.asp?news_id=61525, <http://yosemite.epa.gov/opa/admpress.nsf/0/4668C9A4E2DAE88F852574CE00586F72>, <http://yosemite.epa.gov/opa/admpress.nsf/6d651d23f5a91b768525735900400c28/7ec82cb59ea5abd68525756900722d39!OpenDocument>,

<http://yosemite.epa.gov/opa/admpress.nsf/0/F2F1FDDBCFF91A7185257569007261AD>, <http://www.illinoisgreenfleets.org/clean-diesel-grant/diesel-fact-sheet.pdf>, and <http://www.epa.gov/midwestcleandiesel/grants/mcdirfp08.html#competitive>.

Finally, FY 2008 grant awards for emerging technologies totaling approximately \$3.4 million have yet to be announced.



Several Requests for Applications for FY 2009 DERA funding are currently open (see page 2). As in FY 2008, EPA will make awards in categories: the State Clean Diesel Program and the National Clean Diesel Program, which will make awards through the National Clean

Diesel Assistance, SmartWay Clean Diesel Finance, and National Clean Diesel Emerging Technologies Programs. Each solicitation is on a fast track, and awards will be announced as quickly as possible.

REGULATORY NEWS

More Enforcement Likely in NYC

With input from public citizens and environmental organizations, New York City has provided new authority to the Department of Parks and Recreation and the Department of Sanitation to issue idling violations for passenger vehicles and commercial vehicles. In the past, authority for enforcement of the almost 40-year-old, 3-minute anti-idling regulation had been the responsibility of the New York City Police Department and the Department of Environmental Protection. Due to their higher priorities, however, enforcement by these organizations had been very rare. In fact, in 2002, only 325 idling violations had been issued, and as recently as 2007, just 526; all but 10 of these were for diesel-powered vehicles, meaning that automobiles were rarely cited. Given that as many as 1.9 million vehicles enter and leave Manhattan in just one day, one can assume that a significantly higher number of unnecessary idling violations occur every day.

In addition, idling time at schools has been reduced from 3 minutes to 1 minute.

There will also be an annual violations report so that officials can track progress on reducing idling and increased enforcement.

To promote awareness of the issue, Mayor Bloomberg's office is planning a public campaign to target drivers to make them aware of the existence of the law and to spell out the fines. More information is available at <http://www.mycentraljersey.com/apps/pbcs.dll/article?AID=/20090217/NATIONWORLD/902170341&template=printart>, http://nyc.gov/portal/site/nycgov/menuitem.c0935b9a57bb4ef3daf2f1c701c789a0/index.jsp?pageID=mayor_press_release&catID=1194&doc_name=http%3A%2F%2Fnyc.gov%2Fhtml%2Fom%2Fhtml%2F2009a%2Fpr068-09.html&cc=unused1978&rc=1194&ndi=1, and <http://www.nytimes.com/2000/11/26/nyregion/state-city-packed-like-sardines-many-see-crowds-progress-others-wish-prosperity.html?sec=&spon=&pagewanted=2>. Source: George Pakenham, civic activist



North-Central Texas Forges Ahead with Anti-Idling Campaign

The Regional Transportation Council in North-Central Texas (the Dallas – Fort Worth Area) is leading an effort to encourage region-wide participation in an anti-idling education and enforcement campaign. To date, 18 entities in the region have adopted the Texas motor vehicle idling rule, which limits idling to no more than 5 minutes for vehicles over 14,000 pounds gross vehicle weight rating between the months of April and October. Several exemptions exist related to vehicle type, operations, and climate control. Please visit www.EngineOffNorthTexas.org for more information.

In addition, the North-Central Texas Council of Governments has developed a *Local Government Guide to North Texas Idling Restrictions*, which is available at www.nctcog.org/IdlingGuide. This is a useful resource for local entities interested in implementing idling restrictions. It covers such topics as adopting an anti-idling ordinance to education and enforcement activities. In addition, an anti-idling sign, brochure, and idling complaint hotline and website have been created to help educate the public. For questions about this program, please send an e-mail to IdlingRule@nctcog.org. Source: Whitney Ewerz, North-Central Texas Council of Governments

UPCOMING MEETINGS AND EVENTS

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

Meeting	Location	Date	Website or Contact
15th Directions in Engine-Efficiency and Emissions Research Conference	Dearborn, Michigan	August 3-6, 2009	http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html
25th Clean Air Conference	Estes Park, Colorado	September 21-24, 2009	http://www.ncvecs.colostate.edu/cac.docs/cac23/CAC23Home.htm

MANUFACTURERS' NEWS

Thermo King Gains CARB Approval for DPF

Thermo King has earned the approval of the California Air Resources Board (CARB) for the diesel particulate filter (DPF) that it uses in its TriPac™ Hybrid Auxiliary Idle Reduction and Temperature

Management System, an auxiliary power unit (APU) for heavy-duty trucks. The DPF is designed to meet TriPac APU emissions requirements required by CARB for APUs running in California that



are attached to class 8 tractors with 2007 or newer engines. According to Thermo King, the TriPac DPF offers several other features important to drivers and owners:

- Regeneration, the process of burning off particulate matter trapped in the filter element, takes place during normal driving hours with no disruption to the driver during rest periods.
- Extended APU runtime between regenerations assures minimal driver involvement.

- Customers can expect no reduction in fuel economy, extra strain on the APU, or alteration in the scheduled maintenance intervals.
- Engine noise is reduced.
- There are nine different mounting options on the cab's frame rails.
- The APU is available as an aftermarket or original equipment option.

More information is available at <http://www.thermoking.com/tripac/>.

NITE System Now CARB Compliant, Partners with Koehler as Hybrid System

Bergstrom's NITE No-Idle System has also been approved by CARB, in addition to meeting or exceeding all EPA standards. NITE is an engine-off heating and cooling system, which Bergstrom claims can reduce the average truck's fuel usage by 3,790 gallons a year. The system, which is now available as a factory-installed option in Navistar trucks, features a battery-powered and fully electrified sleeper air-conditioning (AC) system for both over-the-road and engine-off operation. Unlike other battery-powered systems that are thermal storage devices, the company states that the NITE system is an AC unit. With the engine off, the sleeper AC system operates on deep-cycle batteries, and with the engine running, switches to the truck's engine-driven electrical system.

The company also recently announced a partnership with Koehler Power Systems for a hybrid system; the hybrid power system uses the new Bergstrom NITE Plus System combined with a Koehler DC power unit. According to Bergstrom, the hybrid power system allows the driver to operate the heating and cooling system efficiently. When the power level of the system's batteries is low, the Koehler DC power unit recharges the batteries; the NITE Plus System can still provide cab comfort to the driver during this process.

Should the truck's batteries be depleted, the Koehler unit can recharge those too. During AC operation, there is no fuel use; in the heating mode, the company claims that only 0.05 gallon per hour of fuel is used and only 0.10 gallon per hour in the recharging mode. The company claims other advantages to this hybrid system, such as quiet operation, longer service and maintenance intervals for the power unit, compliance with EPA Tier 2 emission regulations, and compliance with CARB regulations except when the unit is recharging the batteries. In addition, the weight of the complete system is under 400 pounds. The hybrid system will be available in summer 2009. Please go to <http://www.nitesystem.com/html/article.cfm?nid=26>,





<http://www.nitesystem.com/html/article.cfm?nid=29>, and http://www.nitesystem.com/html/pdf/As_seen_in_Nite_ad.pdf for more

information.

RigMaster Shuttered, Acquired by Two Suppliers

Around the beginning of the year, RigMaster Power unexpectedly stopped manufacturing auxiliary power units (APUs) and closed its doors. Since then, owners of RigMaster systems and dealers seemed to have been out of luck. However, the two largest suppliers to RigMaster, Mobile Thermo Systems and Premm Metal Products, have created a joint venture and purchased exclusive rights to manufacture RigMaster APUs. These Toronto-based companies purchased RigMaster's inventory and intellectual property so that they could

manufacture and sell RigMaster APUs, and plan to do so at 15 percent less than RigMaster's price. This new entity is also looking into ways to offer warranties and service by re-creating the large dealer network that RigMaster had had. Please see http://www.landlinemag.com/todays_news/Daily/2009/Jan09/012609/012609-01.htm, http://www.landlinemag.com/todays_news/Daily/2009/Mar09/030909/031209-05.htm, and <http://mobilethermosystems.com> for more details.

PORTS

New Idling Solutions to be Built on U.S.-Mexico Border

A new border crossing between Mexico and the United States will be built in San Luis Rio Colorado in the Mexican state of Sonora. This crossing will be built at the eastern end of the city and at the western border of Arizona and Sonora. The Mexican Ministry of Communication and Transportation (SCT) estimates that an average of 1,641 vehicles per day crosses the San Luis Rio Colorado International Bridge into the United States. Backups of both commercial and passenger vehicles are common, and idling of these vehicles contributes to poor air quality in the area. The U.S. Department of Transportation estimates that commercial vehicles wait an average of 1.8 hours before crossing into the United States.

To alleviate these problems, SCT is having a second crossing built just for commercial vehicles. In November 2007, the concession to operate the port was awarded to Concesionaria y Operadora del Puente Internacional Cucapá for a period of 30 years. The U.S. side of the border crossing is already under construction and expected to initiate operations in October 2009. The Mexican port will include a truck anti-idling/electrification station (TAS). Trucks in the TAS area will be able to connect their systems to available power outlets and thus turn off their engines while waiting to pass through to the inspection area. For more information, please contact Juan Antonio Flores of the North American Development Bank at (210) 231-8000, or go to http://www.landlinemag.com/todays_news/Daily/2008/Nov08/111008/



[111308-07.htm](#),
<http://sanantonio.bizjournals.com/sanantonio/stories/2008/11/10/daily16.html>, and

http://www.nadb.org/pdfs/state_projects/FS%20San%20Luis%20RC%20Crossing%20II%20Eng.pdf.

RAILROADS

Idling Locomotives to be Thing of Past for NJ TRANSIT

The Nation's largest statewide public transportation system, NJ TRANSIT, is continuing its effort to retrofit all the diesel locomotives in its commuter rail fleet with anti-idling systems. In late 2007, it announced plans to end locomotive idling when temperatures rose above 40°F and then expanded the no-idling policy to when temperatures dropped to 0°F. Since then, more than 100 diesel locomotives have been retrofitted with new starters, block heaters, and batteries. In addition, new "wayside" power stations have been installed in rail yards so that maintenance can continue on the locomotives even when the engines are turned off.



Now the transit agency has announced it is continuing this effort by retrofitting 6 more locomotives of a group of 32. Over time, the rest of this group will receive new starters, block heaters, and batteries. This past summer, NJ TRANSIT received \$537,000 in Federal money for this work.

NJ TRANSIT expects to save \$835,000 a year in fuel costs and reduce emissions by 2,269 tons of carbon dioxide, 26 tons of nitrogen oxides, and one-half ton of particulates by having made these improvements. More information is available at http://www.njtransit.com/tm/tm_servlet.srv?hdnPageAction=PressReleaseTo&PRESS_RELEASE_ID=2497, <http://www.northjersey.com/news/transportation/37321279.html>, and http://www.njtransit.com/tm/tm_servlet.srv?hdnPageAction=PressReleaseTo&PRESS_RELEASE_ID=2378. Source: Joe Tario, NYSERDA



REPORTS OF INTEREST

Source	Title	Website or Contact
California Air Resources Board	<i>Rail Yard Health Risk Assessments and Mitigation Measures</i>	http://www.arb.ca.gov/railyard/hra/hra.htm
Environmental Defense Fund	<i>Idling Gets You Nowhere: The Health, Environmental and Economic Impacts of Engine Idling in New York City</i>	http://www.edf.org/documents/9236_Idling_Nowhere_2009.pdf
EPA and NYSERDA	<i>Electric-Powered Trailer Refrigeration Unit Demonstration</i>	http://epa.gov/omswww/smartway/documents/adeq-nyserda-final-report.pdf
EPA Region 5	<i>Compendium of Regulatory Language of U.S. Idle Ordinances and Laws</i>	http://www.epa.gov/midwestcleandiesel/publications/mcdi-factsheets/idling_regulations_feb2009.pdf
North-Central Texas Council of Governments	<i>Local Government Guide to North Texas Idling Restrictions</i>	http://www.nctcog.org/IdlingGuide

TRUCK PARKING

Rest Areas in Virginia May Close, Continue to Limit Stays

As part of its budget tightening, the Commonwealth of Virginia is looking to save money by closing 25 of its 41 rest stops. This potential saving of \$12 million in maintenance costs would reduce the number of truck parking spaces at rest areas from 770 to 412, a reduction of 54 percent. While Virginia does limit stays at rest stops to only 2 hours, truckers who have managed to stay longer for their federally mandated rest periods are unhappy about the diminishing number of options to them. *Land Line Magazine* has had a series of articles detailing the possible hardships that may occur as a result of these budget cuts.

According to *Land Line*, the 2-hour limit was imposed more than 20 years ago, but an apparent unintended consequence was that truckers can be cited and fined for staying longer than that. Almost 10 years ago, the National Transportation Safety Board recommended that Virginia do away with the time limits entirely. Nothing has come of that recommendation. Word of mouth reports are that the Virginia State Police can look the other way, however.

The Virginia Department of Transportation (VDOT) recently held 11 public meetings to hear concerns from hundreds of people affected by the proposed closures, and *Land Line* noted that all the speakers were against closing the rest areas. Truckers pointed out that some of



the sites slated for closure are not near commercial truck stops that are open 24/7 or have an inadequate number of parking spaces. In response to being told to plan their trips better, some truckers tell of running into situations outside their control, such as being delayed at shippers, which cause problems with their federally mandated Hours of Service requirements. If they cannot get to a place where they can legally rest during their mandated rest periods that is not already full, they look for places alongside the road, which may not be the safest places to park, or at rest areas, where they can be roused from their sleep and told to move on.

The Commonwealth Transportation Board will take the information from the VDOT public meetings and decide whether to adopt the

proposal to close these rest areas. If that happens, the rest areas could be closed on July 1, 2009. More information is available at http://www.landlinemag.com/todays_news/Daily/2009/Feb09/020209/020209-02.htm, http://www.landlinemag.com/todays_news/Daily/2009/Feb09/021609/021809-03.htm, http://www.landlinemag.com/todays_news/Daily/2009/Feb09/022309/022509-02.htm, http://www.landlinemag.com/todays_news/Daily/2009/Mar09/030209/030409-02.htm, http://www.virginiadot.org/news/resources/Blueprint_meetings/2rest_areas_option2.pdf, and http://www.landlinemag.com/todays_news/Daily/2009/Mar09/030909/031309-04.htm.

Centralina COG Funds TSE Project with CabAire

After 4½ years of putting money together, the Centralina Council of Governments (COG) has broken ground for a CabAire truck stop electrification (TSE) system at the Derrick Travel Plaza in Salisbury, North Carolina. This truck stop is just off exit 71 of I-85 at Peecker Road in Rowan County.

In 2004, Centralina received a \$100,000 EPA SmartWay grant and later received \$400,000 from the U.S. Department of Transportation

Congestion Mitigation and Air Quality (CMAQ) Improvement Program to complete the project. Centralina awarded a contract to CabAire, which will install towers that can service 50 trucks. Each tower can provide services to truckers, such as heat, air-conditioning, block heater power, outlets for equipment in the cab, internet service, and cable TV access. Please see <http://www.lincolntribune.com/modules/news/article.php?storyid=10894> for more information.



OTHER NEWS OF INTEREST

“Wastebusters” Debunks Myths about Idling

The Connecticut Department of Environmental Protection has a sense of humor: it commissioned a spoof of the Discovery Channel’s “Mythbusters” series to check into how much fuel is wasted and emissions generated by idling. The fake scientists in “Wastebusters” run experiments to find answers to these questions in a semi-serious manner. “Wastebusters” testing showed that an hour of idling wastes 1/5 of a gallon of gasoline, which amounts to millions of gallons of fuel each year if every passenger vehicle idled for 5 minutes. In terms of pollution, “Wastebusters” testing found that if Connecticut drivers

reduced idling by 5 minutes every day, they could reduce greenhouse gases and toxic emissions by more than 140,000 tons, the equivalent of taking 23,000 cars off the road.

The light-hearted 4-minute video is available at www.ct.gov/dep/idlingisfuelish. Also on this site are links to brochures and anti-idling signs for schools. More information on the production of the spot is at <http://www.ct.gov/dep/cwp/view.asp?A=3605&Q=432742>.

UPS Grant Will Help Georgia “No-Idling” Campaign Go National

A partnership of UPS, Earth Day Network and Georgia-based The Clean Air Campaign has launched a nationwide campaign against unnecessary idling at schools and to reduce emissions around them. The No-Idle Program, which is designed for schools from grades K to 12, is made possible by a combined \$350,000 grant from The UPS Foundation. The Clean Air Campaign’s No-Idling initiative claims to have had an impact on more than 220,000 students, faculty, parents,

and members of the community. The campaign provides turnkey solutions through toolkits for administrators and teachers along with collateral and educational materials for school bus drivers and parents. More information about this effort is at <http://www.cleanaircampaign.org/For-the-Press/Press-Releases/UPS-Grant-Will-Help-Georgia-No-Idling-Campaign-Go-National> and <http://www.earthday.net/noidling>.

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, 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. 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>)
- 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=d0301a9d9869fa88bfd51e50592a377d5d48?sitePagelId=40919&orgId=clcc>)
- 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>)
- 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 January 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 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

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, and Shorepower Technologies 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 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	
Alaska	X		
Arizona	X		
Arkansas	X		
California		X	
Colorado		X	
Connecticut		X	
Delaware		X	
District of Columbia		X	
Florida			X
Georgia		X	
Hawaii		X	
Idaho	X		
Illinois	X		
Indiana			X
Iowa	X		

State	Allows 400-Pound Weight Exemption	Does not Allow 400-Pound Weight Exemption	Legislation Pending to Allow Exemption
Kansas	X		
Kentucky		X	
Louisiana	X		
Maine*	X		
Maryland	X		
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		



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

* Effective September 17, 2009

**Effective July 1, 2009

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