



# NATIONAL IDLING REDUCTION NETWORK NEWS

August 2009

## SOLICITATIONS FOR FUNDING AND AWARDS

[Red text indicates a new entry since 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
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	<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>
Climate Trust	Greenhouse Gas Offset Projects	\$8 million	Rolling deadline until funds are awarded.	<a href="http://www.climatetrust.org/apply.html">http://www.climatetrust.org/apply.html</a>
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.energymaine.com/business_programs_sblilp.htm">http://www.energymaine.com/business_programs_sblilp.htm</a>
Florida Department of Environmental Protection	Clean Diesel Rebate Program	\$300,000	Rolling deadline until funds are awarded.	<a href="http://www.dep.state.fl.us/air/emission/msc/diesel_rebate.htm">http://www.dep.state.fl.us/air/emission/msc/diesel_rebate.htm</a>
North Central Texas Council of Governments	Heavy-Duty Vehicle and Equipment Grant Program	\$10.7 million	Rolling deadline until funds are awarded.	<a href="http://www.nctcog.org/trans/air/programs/terp/hdvegp/">http://www.nctcog.org/trans/air/programs/terp/hdvegp/</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>



Organization	Project	Funding	Deadline	Website
Tennessee Department of Environment and Conservation	Idle Smart Clean Diesel Grant Program	\$1.73 million	Rolling deadline until funds are awarded.	<a href="http://www.tn.gov/environment/recovery">www.tn.gov/environment/recovery</a>
<b>New Jersey Department of Environmental Protection</b>	<b>Local Government Greenhouse Gas Reduction Grant Program (includes anti-idling education and enforcement)</b>	<b>\$10,000 to \$100,000</b>	<b>September 4, 2009 (pre-application deadline)</b>	<a href="http://www.nj.gov/dep/opsc/ghggrant.html">http://www.nj.gov/dep/opsc/ghggrant.html</a>
U.S. Department of Energy (DOE)	Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks (SuperTruck) and Advanced Technology Powertrains For Light-Duty Vehicles	\$240 million	September 9, 2009	<a href="http://www07.grants.gov/search/search.do?oppId=47867&amp;flag2006=false&amp;mode=VIEW">http://www07.grants.gov/search/search.do?oppId=47867&amp;flag2006=false&amp;mode=VIEW</a>
Tennessee Department of Transportation	Truck stop electrification	\$2 million	September 11, 2009	<a href="http://www.tdot.state.tn.us/environment/policy/tse.htm">http://www.tdot.state.tn.us/environment/policy/tse.htm</a>
U.S. Department of Transportation	TIGER (Transportation Investment Generating Economic Recovery) Discretionary Grants	\$1.5 billion	September 15, 2009	<a href="http://www.dot.gov/recovery/ost/">http://www.dot.gov/recovery/ost/</a>
New York State Energy Research and Development Authority (NYSERDA)	Advanced Transportation Technologies PON 1520	\$2 million	September 16, 2009	<a href="http://www.nyserda.org/funding/1520pon.asp">http://www.nyserda.org/funding/1520pon.asp</a>
New York State Department of Transportation (NYSDOT) and NYSERDA	Energy Efficient Transportation Systems Program PON 1554	\$1.5 million	September 17, 2009	<a href="http://www.nyserda.org/funding/1554pon.asp">http://www.nyserda.org/funding/1554pon.asp</a>
<b>The Mid-America Regional Council (Missouri)</b>	<b>Clean Diesel Projects</b>	<b>~ \$400,000</b>	<b>September 30, 2009</b>	Please contact Amanda Graor at <a href="mailto:agraor@MARC.org">agraor@MARC.org</a> or (816) 701-8333 for more information.



Organization	Project	Funding	Deadline	Website
<b>The Ozark Center for Sustainable Solutions at Drury University (Missouri)</b>	<b>Clean Diesel Projects</b>	<b>~ \$400,000</b>	<b>September 30, 2009</b>	Please contact Doug Neidigh at <a href="mailto:dneidigh@drury.edu">dneidigh@drury.edu</a> or (417) 873-7641 for more information.
<b>The Southeast Missouri Regional Planning and Economic Development Commission</b>	<b>Clean Diesel Projects</b>	<b>~ \$400,000</b>	<b>September 30, 2009</b>	Please contact Chauncy Buchheit at <a href="mailto:cbuchheit@semorpc.org">cbuchheit@semorpc.org</a> or (573) 547-8357 for more information.
<b>St. Louis Regional Clean Cities Program</b>	<b>Clean Diesel Projects</b>	<b>~ \$400,000</b>	<b>September 30, 2009</b>	Please contact Kevin Herdler at <a href="mailto:kevin@stlcleancities.org">kevin@stlcleancities.org</a> or (314) 822-5830 for more information.
NYSERDA	Project Implementation Funding for State Energy Program American Recovery and Reinvestment Act (ARRA) Request for Proposals (RFP) 1613	\$74 million	Rounds close on October 26 and December 21, 2009, and February 16, 2010	<a href="http://www.nyserda.org/funding/1613rfp.asp">http://www.nyserda.org/funding/1613rfp.asp</a>
<b>NYSERDA</b>	<b>School Bus Idling Reduction Program for Westchester, Putnam, and Dutchess Counties</b>	<b>~\$444,000</b>	<b>Rolling (until December 30, 2009)</b>	<a href="http://www.nyserda.org/funding/1616pon.asp">http://www.nyserda.org/funding/1616pon.asp</a>
<b>NYSERDA</b>	<b>Clean Energy Business Growth &amp; Development Program Opportunity Notice 1260</b>	<b>\$6.4 million</b>	<b>Rounds close on January 6, June 2, and November 3, 2010</b>	<a href="http://www.nyserda.org/funding/1260pon.pdf">http://www.nyserda.org/funding/1260pon.pdf</a>
Ontario (Canada) Ministry of Transportation	Green Commercial Vehicle Program	Can\$2.9 million	March 31, 2012	<a href="http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/AttachDocsPublish/023-05002E~3/\$File/05001-2E_ProgramGuide.pdf">http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/AttachDocsPublish/023-05002E~3/\$File/05001-2E_ProgramGuide.pdf</a>



## REGULATORY NEWS

### *Another Chance for an Idling Reduction Tax Credit Act?*

On July 29, 2009, U.S. Representatives Earl Blumenauer, D-OR, and Kay Granger, R-TX, introduced the Idling Reduction Tax Credit Act (H.R. 3383), which would provide a 50-percent tax credit of up to \$3,000 for any truck owner purchasing an idling-reduction device. Granger has introduced anti-idling legislation before, but the present political climate may be more favorable for bill passage. In *Land Line*, Mike Joyce, director of legislative affairs for the Owner-Operator

Independent Drivers Association (OOIDA), commented on the bill's timing. "When the worlds of transportation policy and environmental stewardship and our national economy collide, this is a perfect bill that addresses all three of those concerns." More information is available at <http://thomas.loc.gov/cgi-bin/query/z?c111:H.R.3383>; and [http://www.landlinemag.com/todays\\_news/Daily/2009/July09/072709/073009-01.htm](http://www.landlinemag.com/todays_news/Daily/2009/July09/072709/073009-01.htm).

### *Connecticut Passes 400-Pound Weight Exemption; Florida Bill Is Prefiled*

Connecticut is the latest State to have passed legislation to grant a 400-pound weight exemption for trucks equipped with auxiliary power units (APUs). The law, described in Section 43 of [Public Act No. 09-187](#), will go into effect October 1, 2009.

In Florida, State Representative Greg Evers has prefiled House Bill 51. The bill, which would be considered after March 2010 when the

regular session reconvenes, would provide for a 400-pound weight exemption for large trucks equipped with idle-reduction technology. At the end of the 2009 session, a similar bill had been passed by the Florida Senate but not considered by the House. Please see [http://www.landlinemag.com/todays\\_news/Daily/2009/Aug09/082409/082409-02.htm](http://www.landlinemag.com/todays_news/Daily/2009/Aug09/082409/082409-02.htm) for more information.

### *Illinois Hikes Idling Fines, Texas Prohibits Sleeper Berth Idling*

On August 18, 2009, Illinois Governor Pat Quinn signed legislation prohibiting diesel-powered vehicles with gross weights of more than 8,000 pounds from idling more than 10 minutes per hour in the Chicago and East St. Louis metropolitan areas. Illinois Public Act 096-0576, which took effect immediately, increases the fine from \$50 to \$90 for first offenders and from \$150 to \$500 for repeat offenders. A portion of each fine will go to the Illinois Environmental Protection

Agency to educate the trucking industry on air pollution and preventive measures specifically related to idling. Illinois law prohibits drivers from idling diesel-powered vehicles for more than 10 minutes within any 60-minute period, except when in traffic, defrosting a windshield, making repairs, or performing military, emergency, or law enforcement functions. More information is available at



<http://www.treasurer.il.gov/news/press-releases/2009/PR20August2009.htm>.

In Texas, on September 1, 2009, the exemption to idle during mandated rest periods expires. Government bodies that enforce

idling restrictions have agreed to sign a memorandum of the Texas Commission on Environmental Quality that limits idling to 5 minutes at a time. Please see

[http://www.landlinemag.com/todays\\_news/Daily/2009/Aug09/081709/081809-02.htm](http://www.landlinemag.com/todays_news/Daily/2009/Aug09/081709/081809-02.htm) for more information, including exceptions.

### ***Information on New Jersey Idling Restrictions***

The New Jersey Department of Environmental Protection has updated its “Frequently Asked Questions” document about idling restrictions. The document can be accessed at [http://74.125.95.132/search?q=cache%3AH7FmdEk\\_YV8J%3Awww.](http://74.125.95.132/search?q=cache%3AH7FmdEk_YV8J%3Awww.stopthesoot.org%2FFrequently%2520Asked%2520Questions%2520June%25202009.pdf+california+idling+regulations+trucks&hl=en&gl=us)

[stopthesoot.org%2FFrequently%2520Asked%2520Questions%2520June%25202009.pdf+california+idling+regulations+trucks&hl=en&gl=us](http://www.stopthesoot.org%2FFrequently%2520Asked%2520Questions%2520June%25202009.pdf+california+idling+regulations+trucks&hl=en&gl=us).

### ***Paul Revere Pays \$650,000 Civil Penalty for School Bus Idling***

Boston-based Paul Revere Transportation LLC has agreed to pay a \$650,000 civil penalty for violating Federal and State clean air laws. The company was found liable on June 8, 2009, after a 6-day trial in U.S. District Court in Boston. After the violations were discovered at the Roxbury, Massachusetts, facility, U.S. Environmental Protection Agency (EPA) inspectors witnessed more than 100 hours of illegal

school bus idling, with 234 separate violations of the Clean Air Act and a Massachusetts anti-idling regulation. During each inspection, numerous Paul Revere vehicles — sometimes more than 20 — were seen idling for up to 2 hours. More information can be found at <http://yosemite.epa.gov/opa/admpress.nsf/0/1ABBC4EDDCBA2E26852576080069D7C4>.

## **AWARDS AND RECOGNITION**

### ***Recovery Act Funding Awards***

Listed below are EPA and DOE American Recovery and Reinvestment Act (ARRA) funds awarded for which idling-reduction components have been explicitly described. For a complete list of National Clean Diesel Program awards made through the Recovery

Act, please go to <http://www.epa.gov/otag/diesel/projnational-aara.htm>. If you have idling-reduction funding award news, please send it to [idlingreduction@anl.gov](mailto:idlingreduction@anl.gov).



<b>Organization</b>	<b>Purpose of Grant</b>	<b>Total Funding</b>
Cascade Sierra Solutions	Truck stop electrification at 50 sites along major interstate corridors in three western states	\$22.2 million
Cascade Sierra Solutions	SmartWay Clean Diesel Finance Program (idling-reduction equipment included)	\$9 million
Alabama Clean Fuels Coalition	Truck stop electrification (Baldwin and Montgomery Counties)	\$1.25 million
Connecticut Department of Environmental Protection (DEP)	Truck stop electrification	\$380,256
Connecticut DEP	Locomotive engine repower	\$750,000
Maryland Port Administration and Maryland Environmental Service	Retrofit, repower, replacement, and installation of idle-reduction devices on transportation equipment at the Port of Baltimore	\$3.5 million
Massachusetts — Chelsea Collaborative	New England Produce Market trailer refrigeration unit electrification	\$1,563,480
Minnesota Environmental Initiative	Emissions-reduction projects, including idle reduction	\$3 million
Nebraska — University of Nebraska-Lincoln Nebraska Transportation Center	Funding to conduct a subgrant process to retrofit approximately 187 vehicles with EPA-verified idle-reduction technologies	\$1 million
NYSDOT	Switch-locomotive repower with gen-set technology	\$1.05 million
Pennsylvania — Allegheny County	Emissions reduction projects, including switch-locomotive repower with gen-set technology	\$3.49 million
Tennessee — East Tennessee Clean Fuels Coalition	Crossville I-40 Corridor Truck Stop Electrification	\$581,849
Washington — Seattle-Tacoma International Airport	Electrification of ground support equipment	\$5 million
Wisconsin Department of Natural Resources	Installation of idle-reduction technology (stop/start devices) on 40 switcher locomotives	\$571,107



## UPCOMING MEETINGS, WEBINARS, AND EVENTS

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

Meeting	Location	Date	Website or Contact
<b>Lessons Learned—A Closer Look at Recent ARRA Funded DERA [Diesel Emissions Reduction Act] Projects (webinar)</b>	N/A	<b>September 2, 2009</b>	<a href="http://www.dieselforum.org/multimedia/webinars">http://www.dieselforum.org/multimedia/webinars</a>
<b>Transportation Research Board (TRB) Webinar: U.S. Transportation System Scenarios to 2050 in a World Addressing Climate Change</b>	N/A	<b>September 10, 2009</b>	<a href="https://www1.gotomeeting.com/register/977805225">https://www1.gotomeeting.com/register/977805225</a>
25 <sup>th</sup> Clean Air Conference	Estes Park, Colorado	September 21–24, 2009	<a href="http://www.ncvecs.colostate.edu/cac.docs/cac23/CAC23Home.htm">http://www.ncvecs.colostate.edu/cac.docs/cac23/CAC23Home.htm</a>
<b>DOE Alternative Fuel and Advanced Technology Vehicle Strategy Workshop</b>	<b>Washington, D.C.</b>	<b>September 22–23, 2009</b>	<a href="http://www1.eere.energy.gov/cleancities/strategyws.html">http://www1.eere.energy.gov/cleancities/strategyws.html</a>
Sustainable Shipping Conference	San Francisco, California	September 29–October 1, 2009	<a href="http://www.sustainableshipping.com/events/2009/sanfrancisco/?tag=21-17181-4355457-0">http://www.sustainableshipping.com/events/2009/sanfrancisco/?tag=21-17181-4355457-0</a>
Society of Automotive Engineers Commercial Vehicle Engineering Congress and Exhibition	Rosemont, Illinois	October 6–7, 2009	<a href="http://www.sae.org/cve">http://www.sae.org/cve</a>
Hybrid Truck Users Forum National Conference	Atlanta, Georgia	October 27–29, 2009	<a href="http://www.calstart.org/Projects/Hybrid-Truck-Users-Forum.aspx">http://www.calstart.org/Projects/Hybrid-Truck-Users-Forum.aspx</a> or <a href="mailto:ddubose@calstart.org">ddubose@calstart.org</a>
TRB 89th Annual Meeting	Washington, D.C.	January 10–14, 2010	<a href="http://www.trb.org/AnnualMeeting/default.asp">http://www.trb.org/AnnualMeeting/default.asp</a>
<b>Alternative Fuels &amp; Vehicles Conference + Expo 2010</b>	<b>Las Vegas, Nevada</b>	<b>May 9–12, 2010</b>	<a href="http://www.afv2010.com/">http://www.afv2010.com/</a>



## PRESENTATIONS FROM MEETINGS AND EVENTS

Meeting/Event	Date	Website or Contact
Funding for Clean Diesel Activities from the 2009 Recovery and Reinvestment Act and Diesel Emission Reduction Act (DERA): How to Improve the Competitiveness of Your Application (Webinar)	N/A	<a href="http://www.dieselforum.org/multimedia/webinars/funding-for-clean-diesel-activities-from-the-2009-recovery-and-reinvestment-act-and-diesel-emission-reduction-act-dera-how-to-improve-the-competitiveness-of-your-application">http://www.dieselforum.org/multimedia/webinars/funding-for-clean-diesel-activities-from-the-2009-recovery-and-reinvestment-act-and-diesel-emission-reduction-act-dera-how-to-improve-the-competitiveness-of-your-application</a>

## ELECTRIFIED PARKING SPACES

### *CSS Awarded \$22.2 Million to Advance TSE*

As part of DOE's \$2.4 billion ARRA package for new advanced battery and electrified transportation projects, Cascade Sierra Solutions (CSS) received \$22.2 million. CSS will partner with Shorepower Technologies to install truck stop electrification (TSE) systems for diesel trucks at 50 truck stops throughout the country. CSS will also provide a rebate program to truck owners who purchase idle-reduction equipment upgrades with electric stand-by capabilities.

Approximately 25 percent of the equipment cost will be rebated for qualifying items. Jeff Kim at Shorepower Technologies says, "We expect 35 million gallons of diesel fuel to be saved over the first 10 years." Please see more at <https://secure.cascadesierrasolutions.org/downloads/documents/PR-CSS-TSE-Project-080709.html> or <http://www.shorepower.com/>.

## PORTS

### *More Shore Power at San Diego and Long Beach Ports*

The San Diego Port Commissioners have approved the use of \$7.6 million from the Capital Development Program's contingency fund for the installation of shore power equipment at the Port's Cruise Ship Terminal and Tenth Avenue Marine Terminal. Both cruise and cargo vessels would be able to plug into shore power while docked.

California law requires that shore power be provided for at least 50 percent of cruise ship and refrigerated container ship calls by January 1, 2014. Now that funding is available, the Port can proceed with design and construction.





The Port estimates that the cruise ship terminal shore power system will be completed by December 2010 and that the Tenth Avenue Marine Terminal shore power system will be operational in August 2011. More information is available at <http://www.portofsandiego.org/environment/clean-air/1636-port-commissioners-give-approval-to-fund-shore-power-projects-for-cruise-and-cargo-ships.html>.

At the Port of Long Beach, construction has begun on the Port's fourth shore power dock. Construction began recently at SSA Terminals/Matson Navigation Co.'s Pier C facility. When completed next summer, the facility will become the fourth at the Port with shore power capabilities. Please see <http://www.polb.com/news/displaynews.asp?NewsID=594&targetid=1>.

## REPORTS OF INTEREST

Source	Title	Website or Contact
<i>Journal of the Air &amp; Waste Management Association</i> 2009;59(7):857–864	Real-World Energy Use and Emission Rates for Idling Long-Haul Trucks and Selected Idle Reduction Technologies	<a href="http://secure.awma.org/journal/Abstract.aspx?id=2110">http://secure.awma.org/journal/Abstract.aspx?id=2110</a> (for abstract)
<i>Energy Policy</i>	Costly Myths: An Analysis of Idling Beliefs and Behavior in Personal Motor Vehicles	<a href="https://doi.org/10.1016/j.enpol.2009.03.031">doi:10.1016/j.enpol.2009.03.031</a>
Simcoe Muskoka District Health Unit (Ontario, Canada)	'Turn It Off' Anti-Idling Campaign Report	<a href="http://74.125.95.132/search?q=cache:xv4yZLyLIZwJ:simcoemuskokahealth.org/Libraries/TOPIEnvironment/TIO_Simcoe-Muskoka_Report_FINAL_Public.sflb.ashx+%22%E2%80%98Turn+It+Off:+Anti-Idling+Campaign+Report%E2%80%99%22&amp;cd=1&amp;hl=en&amp;ct=clnk&amp;gl=us">http://74.125.95.132/search?q=cache:xv4yZLyLIZwJ:simcoemuskokahealth.org/Libraries/TOPIEnvironment/TIO_Simcoe-Muskoka_Report_FINAL_Public.sflb.ashx+%22%E2%80%98Turn+It+Off:+Anti-Idling+Campaign+Report%E2%80%99%22&amp;cd=1&amp;hl=en&amp;ct=clnk&amp;gl=us</a>

## OTHER NEWS OF INTEREST

### *Idle Reduction Technologies Study: ATRI's Findings*

The American Transportation Research Institute (ATRI) has released the results of a demonstration project involving four mobile idle reduction solutions. Sponsored by EPA, the research involved

collecting and quantifying operational data for trucks with the use of selected idle-reduction technologies. Technologies tested by the participating fleets included APUs, battery-powered air-conditioning



systems, and thermal storage air-conditioning systems. With the deployment of the selected idle-reduction technologies, main engine idling accounted for 5–22 percent of total engine operating time, representing a reduction in idling of 42–78 percent from baseline conditions. Reductions in the emissions of oxides of nitrogen,

particulate matter, and carbon dioxide were also identified. Payback periods were generally found to be longer than anticipated. To access the report, please go to [http://www.atri-online.org/index.php?option=com\\_content&view=article&id=61&Itemid=72](http://www.atri-online.org/index.php?option=com_content&view=article&id=61&Itemid=72).

### ***CARB's Virtual TruckStop Premieres***

Geared to truck and fleet owners in California, but useful to others in the trucking community, <http://www.arb.ca.gov/truckstop> is a new, easy-to-navigate website. While the main CARB website is large and complex, the TruckStop gives truckers a convenient portal through

which to get needed information, which is organized by the following categories: Diesel Vehicles, Trailers, Transport Refrigeration Units, and Financial Assistance.

### ***Anti-Idling Gets a Good Rap***

Not yet heard the "Anti-Idling Rap" or the "Funky Pollution Dance"? Check out "Stop the Pollution, Pick a Solution" at <http://www.streetfilms.org/archives/less-cars-better-air-nyc/>.

As part of a school project, students at Middle School 51, Park Slope, Brooklyn, tallied average person-per-vehicle occupancy, measured carbon dioxide emissions from idling vehicles, measured airborne particulates, and kept a climate change journal. They also devised inventive ways to spread the anti-idling message.

Shown in the photo are students mounting boards for the collection of airborne particulates. (Photo by Mitchell Porcelan, courtesy of Streetfilms and Livable Streets Education.)





## 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, 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.autothermusa.com/idle\\_calc.html](http://www.autothermusa.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](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 APUs ([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 June 2009, 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.

---

### ***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>.

---

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

States in **black** allow the 400-lb weight exemption; states in **gray** do not permit the exemption.

\* Effective September 17, 2009

† Effective October 1, 2009

### Editor

Terry Levinson, Argonne National Laboratory, (202) 488-2472,  
[tlevinson@anl.gov](mailto:tlevinson@anl.gov)

### Disclaimer

This newsletter was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor UChicago Argonne, LLC, nor

any of their employees or officers, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus,



product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark,

manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof.