

# National Idling Reduction Network News

July 2011

## SOLICITATIONS FOR FUNDING AND AWARDS

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

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
California Air Resources Board (CARB)	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	\$6 million (as of January 2011)	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/at-work-for-small-business/loan-programs">http://www.energymaine.com/at-work-for-small-business/loan-programs</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000 (as of June 27, 2011)	Rolling deadline until funds are awarded.	<a href="http://www.pca.state.mn.us/sbiz7d9">http://www.pca.state.mn.us/sbiz7d9</a>
Metropolitan Washington Council of Governments (COG), in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment	Driver Recognition Program— Diesel Idle Reduction Campaign	N/A	Rolling deadline—the 15th of every month.	<a href="http://www.turnyouengineoff.org/campaign_recognition.html">http://www.turnyouengineoff.org/campaign_recognition.html</a>
North Central Texas Council of Governments (NCTCOG)	Diesel Idling Reduction Program 2011	~\$25,700 (as of July 26, 2011)	Rolling deadline—the last Friday of each month.	<a href="http://www.nctcog.org/trans/air/programs/idling/DieselFreightIdling.asp">http://www.nctcog.org/trans/air/programs/idling/DieselFreightIdling.asp</a>
U.S. Department of Energy's (DOE) National Energy Technology Laboratory	State Energy Program (SEP) Program Year 2011	\$39 million	August 3, 2011	<a href="http://www07.grants.gov/search/search.do?&amp;mode=VIEW&amp;oppld=101073">http://www07.grants.gov/search/search.do?&amp;mode=VIEW&amp;oppld=101073</a>
San Diego Air Pollution Control District (California)	Goods Movement Emission Reduction Program: Commercial Harbor Craft	~\$480,000	August 12, 2011	<a href="http://www.sdapcd.org/homepage/grants/grants.html">http://www.sdapcd.org/homepage/grants/grants.html</a>

# National Idling Reduction Network News

July 2011

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Kansas Department of Health and Environment	Kansas Clean Diesel Program	\$250,000+	August 15, 2011	<a href="http://www.kdheks.gov/bar/air-monitor/dieselgrant.html">http://www.kdheks.gov/bar/air-monitor/dieselgrant.html</a>
San Joaquin Valley Air Pollution Control District (California)	Technology Advancement Program (TAP) for Emission Reduction Projects	\$1.4 million	August 19, 2011	<a href="http://www.valleyair.org/Grant_Programs/TAP/tap_idx.htm#available-funding">http://www.valleyair.org/Grant_Programs/TAP/tap_idx.htm#available-funding</a>
Federal Transit Administration (FTA)	Transit Investment in Greenhouse Gas and Energy Reduction [TIGGER] III Program	\$49.9 million	August 23, 2011	<a href="http://www.fta.dot.gov/funding/grants/grants_financing_11424.html">http://www.fta.dot.gov/funding/grants/grants_financing_11424.html</a>
FTA	Clean Fuels Grant Program	\$51.5 million	August 23, 2011	<a href="http://www.fta.dot.gov/funding/grants/grants_financing_3560.html">http://www.fta.dot.gov/funding/grants/grants_financing_3560.html</a>
U.S. Environmental Protection Agency (EPA)	12th Annual Clean Air Excellence Awards	N/A	August 24, 2011	<a href="http://www.epa.gov/air/cleanairawards/index.html">http://www.epa.gov/air/cleanairawards/index.html</a>
CARB	Clean Vehicle Rebate Project (CVRP)	\$15 million	August 25, 2011	<a href="http://www.arb.ca.gov/msprog/aqip/solicitations.htm">http://www.arb.ca.gov/msprog/aqip/solicitations.htm</a>
Wisconsin Department of Safety and Professional Services (DSPS)	Diesel Truck Idling Reduction Grant Program	~ \$1 million	August 26, 2011	<a href="http://dsps.wi.gov/er/docs/ER-DI-Diesel-Truck-Idling-Reduction-Grant-Program-Application-2011.pdf">http://dsps.wi.gov/er/docs/ER-DI-Diesel-Truck-Idling-Reduction-Grant-Program-Application-2011.pdf</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	\$300,000+	September 1, 2011	<a href="http://www.epa.ohio.gov/oeef/schoolbus.aspx">http://www.epa.ohio.gov/oeef/schoolbus.aspx</a>
New York State Energy Research and Development Authority (NYSERDA)	Advancing Livable Communities through Sustainable Transportation	\$1.5 million	September 7, 2011	<a href="http://www.nyserdera.org/funding/2314pon.asp">http://www.nyserdera.org/funding/2314pon.asp</a>
NYSERDA	Advanced Transportation Technologies	\$3.5 million	September 8, 2011	<a href="http://www.nyserdera.org/funding/2271pon.asp">http://www.nyserdera.org/funding/2271pon.asp</a>
U.S. Department of Transportation (DOT)	TIGER III (Transportation Investment Generating Economic Recovery)	\$527 million	October 3, 2011, for pre-applications; October 31, 2011, for final applications	<a href="http://www.dot.gov/tiger/">http://www.dot.gov/tiger/</a> (pre-application available on or before August 22, 2011)
Society of Automotive Engineers (SAE)	Environmental Excellence in Transportation (E2T) Award	N/A	October 15, 2011	<a href="http://www.sae.org/news/awards/list/e2t/">http://www.sae.org/news/awards/list/e2t/</a>
Washington State Department of Ecology	Washington State Clean Diesel Grant Program	\$7 million	October 17, 2011	<a href="http://www.ecy.wa.gov/programs/air/cars/diesel_exhaust_information.htm">http://www.ecy.wa.gov/programs/air/cars/diesel_exhaust_information.htm</a>

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
<b>NYSERDA</b>	<b>New York State Clean Air School Bus Program, Round 3 (now includes coolant heaters)</b>	<b>~\$2.6 million</b>	<b>December 30, 2011 (or when all funds are exhausted)</b>	<a href="http://www.nyserda.org/funding/1896summary.pdf">http://www.nyserda.org/funding/1896summary.pdf</a>
Climate Change Central	Trucks of Tomorrow Rebate Program (Alberta, Canada)	Can\$2 million	December 31, 2011	<a href="http://www.trucksoftomorrow.com/pages/trucking/index.php">http://www.trucksoftomorrow.com/pages/trucking/index.php</a>
Cascade Sierra Solutions	Shorepower Truck Electrification Project (STEP) Rebate Program	\$10+ million	March 31, 2013	<a href="https://csswebform.org/WebForm/TSE_home.aspx">https://csswebform.org/WebForm/TSE_home.aspx</a>

## REGULATORY NEWS

### Texas Idling Rules: More Changes Than You Can Shake a Stick At

Since June, when it adopted the 400-pound exemption and defined the consequences of violating the Texas Commission on Environmental Quality's (TCEQ) idling rule, Texas has made several additional changes related to heavy-duty vehicle idling. TCEQ's idling rule (30 Texas Administrative Code, Chapter 114, Subchapter J, Division 2), which is observed by many cities and counties in central and north-central Texas, has been revised so that the 5-minute idling rule is in effect year round, not just during "ozone season" (April 1 to October 1). The revised rule also reinstates an exemption that had expired in September 2009; heavy-duty vehicles may again idle during mandated rest periods to power heat or A/C for the vehicle's sleeper berth,

provided that the drivers are not within 2 miles of a facility offering external heat or A/C. Finally, armored vehicles are now among the vehicles exempt from the idling restrictions.

In jurisdictions that observe TCEQ's idling rule, the idling of heavy-duty vehicles is limited to 5 minutes. The anticipated effective date of the new modified rule is August 11, 2011. For more information, please to [http://www.tceq.texas.gov/assets/public/legal/rules/rule\\_lib/adoptions/09054114\\_aex.pdf](http://www.tceq.texas.gov/assets/public/legal/rules/rule_lib/adoptions/09054114_aex.pdf).

### Illinois 400-Pound Exemption Bill Becomes Law in 2012

On July 27, 2011, Illinois Governor Pat Quinn signed into law SB 1644, a lengthy bill on truck weight and length matters. Amending the Illinois Vehicle Code, Public Act 097-020 will permit trucks equipped with APUs to weigh an additional 400 pounds or the certified unit weight, whichever is

less. This change to the Illinois Vehicle Code will become effective on January 1, 2012. To see the law as passed, please go to <http://www.ilga.gov/legislation/publicacts/97/097-0201.htm>.

## Massachusetts Legislators Consider Three Idling Bills

In Massachusetts, the legislature is considering three bills that address vehicle idling.

- House Bill 907 (H907) would reduce the maximum idling time from 5 minutes to 2 minutes.
- H951 would exempt the weight of idling reduction systems from maximum truck weight restrictions (up to 400 pounds).
- Senate Bill 1780 (S1780) would broaden the list of exemptions to the Massachusetts idling law. Most significantly, it would permit truck idling during driver rest periods, if heating or A/C is required. Additionally, it states that should the Commonwealth create a

financial assistance program for “idle reduction technologies or strategies,” the exemption would expire 5 years thereafter. The proposed legislation would also exempt trucks that are waiting to load or unload from the idling rule.

More information is available at

[http://www.landlinemag.com/todays\\_news/Daily/2011/Jul11/071811/072111-05.shtml](http://www.landlinemag.com/todays_news/Daily/2011/Jul11/071811/072111-05.shtml). To see the status of the individual bills, please go to

<http://170.63.65.52/Bills/187/House/H00907> (H907),

<http://170.63.65.52/Bills/187/House/H00951> (H951), and

<http://170.63.65.52/Bills/187/Senate/S01780> (S1780).

## Introduced: Federal Bill Supporting Idling Reduction

Senators Herb Kohl (D-WI) and Roy Blunt (R-MO) have introduced a bill that would provide tax credits to buyers of energy-efficient trucks. With the goal of fortifying the advanced-vehicle industry and market, S.1285, the Hybrid and Electric Trucks and Infrastructure Act, would restore the expired Section 30B hybrid motor vehicle tax credit.

Section 4 of the bill, Tax Credit For Electrification Technologies To Reduce Truck Idling, includes a tax incentive of up to \$3,500 for devices that reduce idling of on-highway, heavy-duty (14,000+ pounds gross vehicle weight) diesel vehicles. The incentive would apply to both devices on trucks and idling reduction infrastructure. To follow the progress of the bill, which is currently in the Finance Committee, please go to <http://www.govtrack.us/congress/bill.xpd?bill=s112-1285>.

## Western Canada Provinces Synchronize Truck Regulations

Through the New West Partnership Trade Agreement, Alberta, British Columbia, and Saskatchewan have standardized regulations and policies related to truck size and weight, including APUs. The provinces have also agreed to work toward coordinating truck-transport training and enforcement activities. Alberta’s Minister of Transportation, Luke Ouellette, said, “Harmonizing trucking regulations helps move people and goods more efficiently and contributes to continued economic growth and prosperity for our three provinces.” The goal of the New West Partnership is to create

Canada’s largest interprovincial barrier-free trade and investment market, thereby promoting and strengthening the region’s economy. The standardization agreement went into effect July 1, 2011. For more information, please see <http://www.trucknews.com/news/b-c-alberta-saskatchewan-harmonize-truck-regs/1000500341/#> and <http://www.gov.sk.ca/news?newsId=b7e822b7-6f2c-474b-9108-5f69cc2d66e1>. The link [www.newwestpartnership.ca](http://www.newwestpartnership.ca) provides more information about the New West Partnership.

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
New Richmond Utilities (New Richmond, Wisconsin)	Wisconsin's Office of Energy Independence and Wisconsin Clean Cities—Southeast Area	Hybrid electric utility truck (bucket use powered by battery rather than idling engine)	\$49,156
Port of Oakland	Bay Area Air Quality Management District (California)	Electrification of 11 berths	\$25 million
Poulsbo Fire Department (Poulsbo, Washington)	Washington State Department of Ecology	Installation of idle reduction technology on 2 engines and 2 medic units	\$39,000
School District 200 (Woodstock, Illinois)	Illinois EPA	Installation of direct-fired heaters on 35 school buses	\$101,189
School District 207-U (Peotone, Illinois)	Illinois EPA	Installation of direct-fired heaters on 29 school buses	\$86,933
Valley Regional Fire Authority (Auburn, Washington)	Washington State Department of Ecology	Installation of idle reduction technology on 2 fire engines	\$16,000

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
CARB	Supplement to the June 2010 Staff Report on Proposed Actions To Further Reduce Diesel Particulate Matter at High-Priority California Railyards	<a href="http://www.arb.ca.gov/railyard/commitments/suppcomceqa070511.pdf">http://www.arb.ca.gov/railyard/commitments/suppcomceqa070511.pdf</a>
DOE Office of Energy Efficiency and Renewable Energy (EERE)	2010 Vehicle Technologies Market Report	<a href="http://www1.eere.energy.gov/vehiclesandfuels/pdfs/2010_vt_market_rpt.pdf">http://www1.eere.energy.gov/vehiclesandfuels/pdfs/2010_vt_market_rpt.pdf</a>
Environmental Science and Technology	Performance of School Bus Retrofit Systems: Ultrafine Particles and Other Vehicular Pollutants	<a href="https://doi.org/10.1021/es201070t">DOI: 10.1021/es201070t</a>
Intelligent Transportation Systems Institute, Center for Transportation Studies, University of Minnesota	Counting Empty Parking Spots at Truck Stops Using Computer Vision	<a href="http://www.cts.umn.edu/publications/researchreports/pdfdownload.pl?id=1530">http://www.cts.umn.edu/publications/researchreports/pdfdownload.pl?id=1530</a>

## UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
CARB Diesel Vehicle Regulation Overview	Lompoc, California	August 9, 2011	<a href="http://www.arb.ca.gov/training/courses.php?course=512">http://www.arb.ca.gov/training/courses.php?course=512</a>
SAE Commercial Vehicle Engineering Congress	Rosemont, Illinois	September 13–14, 2011	<a href="http://www.sae.org/events/cve/">http://www.sae.org/events/cve/</a>
4th Annual Green Fleet Conference	Grapevine, Texas	October 3–4, 2011	<a href="http://www.greenfleetconference.com/">http://www.greenfleetconference.com/</a>
17th Directions in Engine-Efficiency and Emissions Research (DEER) Conference	Detroit, Michigan	October 3–6, 2011	<a href="http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html">http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html</a>
Hybrid Truck Users Forum (HTUF) National Conference 2011	Baltimore, Maryland	October 10–13, 2011	<a href="http://www.htuf2011.org/">http://www.htuf2011.org/</a>
Sustainable Shipping Conference	Vancouver, Canada	October 12–14, 2011	<a href="http://www.sustainableshipping.com/events/2011/vancouver/">http://www.sustainableshipping.com/events/2011/vancouver/</a>
<b>The 4<sup>th</sup> Diesel Emissions Conference &amp; Diesel Exhaust Fluid Forum</b>	<b>Atlanta, Georgia</b>	<b>October 17–19, 2011</b>	<a href="http://www.integer-research.com/conferences/dec-usa/2011/programme/">http://www.integer-research.com/conferences/dec-usa/2011/programme/</a>
<b>2011 Railroad Environmental Conference</b>	<b>Champaign, Illinois</b>	<b>October 25–26, 2011</b>	<a href="http://ict.illinois.edu/railroad/rrec/overview.asp">http://ict.illinois.edu/railroad/rrec/overview.asp</a>
SAE 2011 Light-Duty Diesel Emissions Control Symposium	Ann Arbor, Michigan	November 2–3, 2011	<a href="http://www.sae.org/events/training/symposia/lddec/">http://www.sae.org/events/training/symposia/lddec/</a>
Transportation Research Board's (TRB) 91st Annual Meeting	Washington, D.C.	January 22–26, 2012	<a href="http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx">http://www.trb.org/AnnualMeeting2012/AM2012Program.aspx</a>
SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)	Washington, D.C.	January 25–27, 2012	<a href="http://www.sae.org/events/gim/">http://www.sae.org/events/gim/</a>
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2012	<a href="http://www.calstart.org/Events/CALSTART-Events.aspx">http://www.calstart.org/Events/CALSTART-Events.aspx</a>

## TRUCK STOP ELECTRIFICATION

### More TSE for Tennessee

In Dandridge, Tennessee, the TR Auto Truck Plaza is now equipped with 30 electrified parking spaces, thanks to American Recovery and Reinvestment Act (ARRA) funding obtained through the EPA's National Clean Diesel Campaign and the state's Department of Transportation.

The EnviroDock truck stop electrification (TSE) system includes 20 E-Dock units and 10 PowrDock pedestals. The E-Dock, a stand-alone HVAC system, also offers access to a duplex power outlet for in-cab appliances such as computers and microwaves as well as a separate outlet for engine block heaters. The PowrDock pedestals serve drivers who need electricity only. The pedestals, which provide 20-amp and 30-amp electrical service, power APUs, engine block heaters, and in-cab appliances.

More information is available at <http://www.envirodock.com/images/TR-Press-Release-062011.pdf>. For more information about the stationary E-Dock, please click on <http://www.envirodock.com/e-dock-stat.php>. For more information about the PowrDock, please go to <http://www.envirodock.com/powrdock.php>. (Photo: E-dock installation at the TR Auto Truck Plaza, Dandridge, Tennessee. Photo courtesy of EnviroDock)



## PORTS

### California Ports: They're Electrifying!

The California's South Coast Air Quality Management District (SCAQMD) has allocated \$58 million for shore power installations at three Ports. The projects slated are 25 shore power systems (Port of Los Angeles, 10; Port of Long Beach, 12; and Port Hueneme, 3) and the electrification of a Carnival Cruise ship. According to SCAQMD, the use of these shore power terminals

will reduce nitrogen oxide (NOx) emissions by 762 tons/year and particulate matter (PM) emissions by 13 tons/year. The electrification of the Carnival Cruise ship will reduce NOx by 59 tons/year and PM by 2 tons/year. To the north, the Bay Area Air Quality Management District (BAAMQD) awarded the Port of Oakland \$25 million for 11 shore power installations on

May 27, 2011. On the same day, shipping company APL's electrification project went into service at the Port. In late 2009, BAAQMD awarded APL \$4.8 million to retrofit its vessels and terminal for cold ironing at the Port. According to APL, the use of shore power at the Port of Oakland will reduce annual NOx emissions by 50,000 pounds and PM by 1,500 pounds. For more

information, please see

[http://www.baaqmd.gov/~media/Files/Communications%20and%20Outreach/Publications/News%20Releases/2011/shoreside\\_110527-2.ashx](http://www.baaqmd.gov/~media/Files/Communications%20and%20Outreach/Publications/News%20Releases/2011/shoreside_110527-2.ashx) and [http://www.apl.com/press\\_releases/html/press\\_release\\_20110527.html](http://www.apl.com/press_releases/html/press_release_20110527.html).

## RAILROADS

### Health Study Set for San Bernardino Rail Yard Area

With about \$850,000 in funding from SCAQMD, scientists from California's Loma Linda University are undertaking a 2-year study on the health impacts of air pollution on those who live near the BNSF rail yard in San Bernardino. The study investigators will focus on the prevalence of respiratory and cardiovascular diseases, as well as rates of cancer and asthma. In 2008, CARB found that of all the rail yards in California, the San Bernardino rail yard was most associated with health risks to the surrounding community.

A spokeswoman for BNSF, Lena Kent, said that it would be "impossible scientifically to link any health effects to our San Bernardino rail facility," because of the facility's proximity to the 215 Freeway, a major artery linking Los Angeles and Las Vegas. In addition, the facility is located in the Inland Empire basin, where pollution from many sources gets trapped.

For more information about the study, please click on

[https://us.vocuspr.com/Newsroom/Query.aspx?SiteName=LLUNewsroom&Entity=News&SF\\_News\\_NewsID\\_EQ=28522423&XSL=NewsText&Cache=True](https://us.vocuspr.com/Newsroom/Query.aspx?SiteName=LLUNewsroom&Entity=News&SF_News_NewsID_EQ=28522423&XSL=NewsText&Cache=True).

### Upstate New York Welcomes Its First Green Locomotive

A public-private partnership has generated a first for upstate New York: an ultra-low emission locomotive. The new gen-set locomotive, funded with \$1 million from the New York State Department of Transportation (through ARRA funding) and \$450,000 from CSX, was unveiled on June 30, 2011, in Selkirk, New York.

Composed of three small engines, the new locomotive cycles engines on and off according to power need. (Trains require power for reasons other than propulsion, so even stationary trains often require some amount of power.) According to the EPA, the new locomotive will reduce engine emissions of both NOx and PM by 80%. More information is available at <http://yosemite.epa.gov/opa/admpress.nsf/0/C0D83919E2372F9E852578BF00588259>.



## OTHER NEWS OF INTEREST

### Idling Reduction Incentive: How about a Truck of Your Own?

Transport company U.S. Xpress (Chattanooga, Tennessee) has kicked off an attractive idling reduction incentive. Company drivers who register the lowest idling-time percentages qualify for a quarterly drawing, the prize for which makes the winner a truck owner-operator. U.S. Xpress provides a truck and makes vehicle payments for the first 2 years, during which the winner agrees to remain an independent contractor with the company.

The first winner, Scot Hays, a driver who has been with U.S. Xpress for 17 years, was chosen from a pool of 150 low idlers in May. "This is the greatest thing that has happened in my career. I was blown away when I heard my name called as the winner of the truck," said Hays. Please see <http://fleetowner.com/management/news/idle-reduction-contest-us-xpress-0708/> for more information.

### ATRI Updates Idling Law Compendium

The American Transportation Research Institute (ATRI) has updated its list of state and local idling regulations. ATRI's online resource offers not only links to individual regulations but a file that can be downloaded for use as a cab card reference.

To access the compendium, please go to <http://www.atri-online.org/> and click on the compendium link at the left.

## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The Alternative Fuels and Advanced Vehicles Data Center (AFDC) of the DOE Office of Energy Efficiency and Renewable Energy (EERE) identifies manufacturers of idle reduction equipment and provides links to their websites. More information is available at [http://www.afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html).

For EPA-verified idle reduction technologies in eight categories, please visit EPA's SmartWay Transport website at <http://www.epa.gov/smartway/transport/what-smartway/verified-technologies.htm>.

## Status of the 400-Pound Weight Exemption for Idling Reduction Devices

[Ed. note: The Energy Policy Act of 2005 allowed for a national 400-pound exemption for the additional weight of idling reduction technology on heavy-duty vehicles. Each state can adopt this exemption, at its own discretion, without being subject to any penalty provision related to withholding of highway trust fund monies.] The following table is updated

as we become aware of changes. As time permits, we will provide URLs so that interested parties, such as trucking companies, can work with their state trucking associations to be sure that enforcement officials are aware of changes in the laws. Please feel free to provide us with updates.

State Recognition of the 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)						
<b>Alabama</b>	<i>District of Columbia</i>	<b>Kansas</b>	<b>Mississippi*</b>	<b>New York</b>	<b>South Carolina</b>	<b>West Virginia</b>
<b>Alaska</b>	<b>Florida</b>	<i>Kentucky</i>	<b>Missouri</b>	<i>North Carolina</i>	<b>South Dakota*</b>	<b>Wisconsin</b>
<b>Arizona</b>	<b>Georgia</b>	<b>Louisiana*</b>	<b>Montana*</b>	<b>North Dakota</b>	<i>Tennessee</i>	<b>Wyoming*</b>
<b>Arkansas*</b>	<i>Hawaii</i>	<b>Maine</b>	<b>Nebraska</b>	<b>Ohio*</b>	<b>Texas</b>	
<i>California</i>	<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>	<i>Rhode Island</i>	<b>Washington</b>	

States in **black** allow the 400-lb weight exemption (asterisk means that the allowance is granted by enforcement policy rather than by state law); states in *gray* do not permit the exemption; and states in **brown** have legislation in process.  
 †Effective January 1, 2012.

## Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at [http://atri-online.org/index.php?option=com\\_content&view=article&id=164&Itemid=70](http://atri-online.org/index.php?option=com_content&view=article&id=164&Itemid=70) and [http://www.afdc.energy.gov/afdc/progs/all\\_state\\_summary.cgi?afdc/0](http://www.afdc.energy.gov/afdc/progs/all_state_summary.cgi?afdc/0).

If information for your state or municipality is outdated or erroneous, please let us know. This newsletter is also a place to let people know about possible changes in laws or regulations or the solicitation of comments related to such.

## Incentives and Funding Opportunities for Idling Reduction Projects

The DOE Clean Cities initiative provides a listing of federal and state programs that offer incentives and funding for idling reduction projects. Information can be found at

[http://www.afdc.energy.gov/afdc/progs/fed\\_summary.php/afdc/US/0](http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0). Let us know if any information needs to be changed or updated.

Additionally, the EPA Diesel Collaboratives offer news of available grant and loan programs. For the Northeast Diesel Collaborative (Regions 1 and 2), see <http://northeastdiesel.org/funding.html>; Mid-Atlantic Diesel Collaborative (Region 3), <http://www.dieselmidatlantic.org/diesel/funding.htm>; Southeast Diesel Collaborative (Region 4), <http://www.southeastdiesel.org/funding.html>; Midwest Clean Diesel Initiative

(Region 5), <http://www.epa.gov/midwestcleandiesel/grants/index.html>; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), <http://www.blueskyways.org/funding/index.html>; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), <http://www.epa.gov/region8/air/rmcdc/>; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), <http://www.westcoastcollaborative.org/grants.htm>.

## Tools Available to Calculate the Cost of Idling Reduction Equipment

There are a number of tools available to workplace and truck fleet managers, owner-operators, and locomotive engineers to help determine the costs and benefits of paying for and installing idle-reduction equipment. A site from Canada that quantifies the costs of workplace idling is also

included. The calculators are provided as tools of possible benefit; their accuracy has not been verified. Any new entry this month is shown in brown. If you are aware of other sources of information that may be of possible interest to newsletter readers, please let us know.

- Argonne National Laboratory (<http://www.transportation.anl.gov/engines/idling.html>—choose a calculator from the right side of the Web page)
- Autotherm (<http://autothermusa.com/wordpress/calculate-idling-costs-savings/>)
- Bergstrom ([http://www.nitesystem.com/html/idle\\_calculator.cfm](http://www.nitesystem.com/html/idle_calculator.cfm))
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/index.php>)
- EPA (<http://www.epa.gov/otaq/smartway/calculator/loancalc.htm>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9d9869fa88bfd51e50592a377d5d48?sitePageId=40919&orgId=clcc>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)

- Kenworth (<http://www.kenworth.com>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?selectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://lifeforceapu.com/files/LifeforceCalculator.xls>)
- Natural Resources Canada ([http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling\\_impact-workplace.cfm?attr=16](http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling_impact-workplace.cfm?attr=16))
- Odyssey Battery (<http://www.odysseybattery.com/fleet.html>)
- 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))

## Locations of Electrified Parking Spaces

In collaboration with the U.S. DOT, the DOE Clean Cities initiative offers a website showing the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are available in at

least 17 states. AireDock, CabAire, EnviroDock, IdleAIR, and Shorepower Technologies installations are listed at [http://www.afdc.energy.gov/afdc/progs/tse\\_listings.php](http://www.afdc.energy.gov/afdc/progs/tse_listings.php).

Another resource is the EPA SmartWay Interactive Activity Map, which features data from SmartWay Partners, National Transportation Idle-Free Corridors, National Clean Diesel Campaign Retrofit projects, Clean School Bus USA projects, ethanol (E-85) and biodiesel fueling station projects, and other related sources. The maps enable visualization of the location of

specific fuel consumption and pollution reduction projects. The maps also help users locate the nearest electrified truck stop and the nearest public alternative-fuel filling station. For more information, please go to [http://epamap10.epa.gov/website/irim\\_us\\_map.asp](http://epamap10.epa.gov/website/irim_us_map.asp).

---

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

All issues of *National Idling Reduction Network News* may be found at [http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html). Additionally, a compendium of all previous issues is available on the site; this PDF file is especially useful for conducting searches of all issues of the newsletter.

Please be mindful that web links may expire or move over time and that some sources require registration. If you have trouble opening a link, try copying and pasting it, or retyping the URL, in your browser window.

---

### Editor

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

### Writer

Patricia Weikersheimer, Argonne National Laboratory, (630) 252-3124, [idlingreduction@anl.gov](mailto:idlingreduction@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.