

National Idling Reduction Network News

July 2010

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)	California — Hybrid Truck and Bus Voucher Incentive Project (HVIP)	\$9.8 million	First come, first served.	http://www.californiahvip.org
CARB	Clean Vehicle Rebate Project	\$4.1 million	First come, first served.	www.cvrp.energycenter.org
Wisconsin Department of Commerce	Diesel Truck Idling Reduction Grant Program	\$2 million	First come, first served.	http://commerce.wi.gov/bd/BD-CA-Diesel-Grant-Program.html
Tennessee Department of Environment and Conservation	Idle Smart Program (rebates for the purchase of Auxiliary Power Units—APUs)	~\$1.73 million	First come, first served before September 30, 2010.	http://www.state.tn.us/environment/recovery/der.shtml
CARB	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	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/apply.html
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.energymaine.com/business_programs_sbllip.htm
Florida Department of Environmental Protection	Clean Diesel Rebate Program	\$300,000	Rolling deadline until funds are awarded.	http://www.dep.state.fl.us/air/emission/mc/diesel_emission.htm
Minnesota Pollution Control Agency	Small Business APU Loan Program	\$192,000	Rolling deadline until funds are awarded.	http://www.pca.state.mn.us/programs/sb_omb_loan.html#evaluation
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

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North Carolina Division of Air Quality	North Carolina State APU and 2010 Compliant Heavy-Duty Truck Rebate Program	\$237, 643 (as of July 7, 2010)	Rolling deadline until the funds are awarded or September 30, 2010.	http://www.ncair.org/motor/Rebates/
North Carolina Energy Office	State Energy Program – Alternative Fuel and Advanced Vehicle Technology Funding Opportunity	~ \$3.5 million	August 11, 2010	www.energync.net
U.S. Department of Transportation (DOT)	Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER-II)	\$75 million	August 11, 2010	http://www.grants.gov/search/search.do?mode=VIEW&opId=54280
The Texas Commission on Environmental Quality	Emissions Reduction Incentive Grants	Indeterminate	August 13, 2010	http://www.tceq.state.tx.us/implementation/air/terp/erig_apps.html
New York State Energy Research and Development Authority (NYSERDA)	Advanced Transportation Technologies Program	\$3 million	August 19, 2010	http://www.nyserda.org/funding/2045pon.asp
Mid-America Regional Council (MARC)	FY 2011–2012 Congestion Mitigation and Air Quality (CMAQ) Program	Kansas, \$3.5 million; Missouri, \$2.5 million	August 20, 2010	http://www.marc.org/transportation/cmaq/2011call/
NYSERDA	Low Carbon Transportation Alternatives: Pathways to Energy Efficiency, Enhanced Economics, Sustainability and Livability	\$1.5 million	August 25, 2010	http://www.nyserda.org/funding/2078pon.asp
North Carolina Energy Office	Energy Efficiency and Conservation Block Grant Program – Transportation	~ \$2.5 million	August 27, 2010	www.energync.net
Cascade Sierra Solutions	Great SmartWay Rebate Program (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut)	\$1+ million	August 31, 2010	https://csswebform.org/WebForm/RebateIntro.aspx
U.S. Department of Energy (DOE)	State Energy Program (SEP) Program Year 2010 Formula Award	\$25 million	September 30, 2010, depending on states' program-year cycle	https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000308&agency=DOE
NYSERDA	Clean Energy Business Growth & Development Program Opportunity Notice 1260	\$6.4 million	November 3, 2010	http://www.nyserda.org/funding/1260pon.pdf

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Climate Change Central	Trucks of Tomorrow Rebate Program (Alberta, Canada)	Can\$2 million	December 31, 2011	http://www.trucksfortomorrow.com/pages/trucking/index.php
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

REGULATORY NEWS

North Carolina Curbs Truck Idling

North Carolina’s Environmental Management Commission has adopted a rule to reduce unnecessary idling of heavy-duty trucks. Operators of on-road gasoline and diesel-powered vehicles with a loaded weight greater than 10,000 pounds may not idle their vehicles more than 5 consecutive minutes in any 60-minute period. There are a number of exceptions, one of which is for an occupied sleeper berth compartment. Trucks may idle for the purpose of providing the driver with air conditioning or heating during federally mandated rest or sleep periods, but this exemption will expire on May 1, 2011.

Heavy-duty vehicles located in a queue area are not exempted from the new rule.

In addition to the idling rule, the state’s Division of Air Quality is instituting a public awareness campaign to promote voluntary idling reduction of all vehicles. As part of that effort, the agency is distributing free signs that urge drivers to reduce idling at schools and other areas. More information about the campaign can be found at www.ncair.org/motor/idle. The text of the idling rule may be found at <http://www.ncair.org/rules/idle/>.

Rhode Island Tackles Construction-Related Emissions

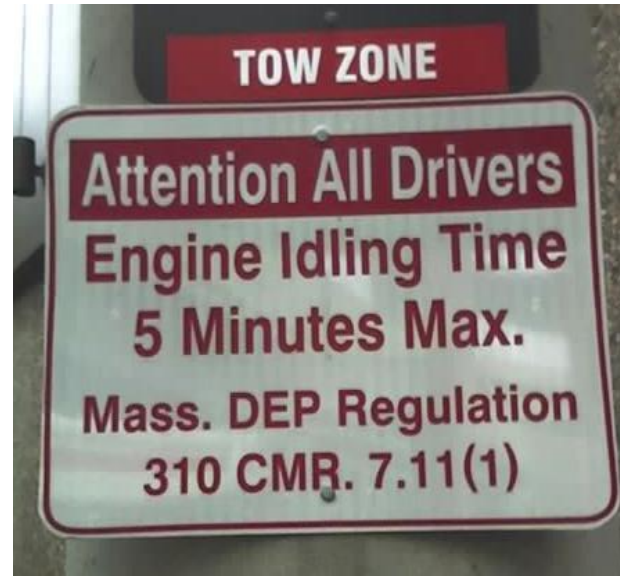
Rhode Island has toughened emissions standards for heavy-duty diesel vehicles operating in association with public works. Effective immediately, any solicitation for a public works contract with the state (and any contract entered into as a result of such solicitation) requires that such vehicles idle for no more than 5 minutes, except in cases where the engine must idle to perform normal operations. The law has a number of other requirements,

including the use of ultra-low-sulfur diesel fuel for onroad and nonroad heavy-duty diesel vehicles, as well as generators. To minimize the effect of diesel emissions on public health, the law also requires vehicles to use staging areas unless doing so increases the cost of the project. For more information, please click on <http://www.rilin.state.ri.us/news/pr1.asp?prid=6606>.

EPA Fines National Car Rental

Repeated idling violations at two airports—Logan International in Boston, Massachusetts, and Bradley International near Hartford, Connecticut—have caught up with several companies affiliated with National Car Rental. A fine of \$475,000 will be levied pending court approval.

In 2006 and 2007, U.S. Environmental Protection Agency (EPA) Region 1 investigators observed numerous instances of excessive idling of the shuttle buses that carry passengers from the airport terminal to the rental car areas. At the time, Vanguard Car Rental USA operated the National Car Rental facilities at both airports. Since taking over from Vanguard in mid-2007, Enterprise Rent-A-Car Company of Boston, LLC, and CAMRAC, LLC, have taken steps—including posting no-idling signs, installing electronic idling controls, and retraining drivers—to address excessive idling at the facilities. For more information, please see <http://yosemite.epa.gov/opa/admpress.nsf/0/c4956a747729835085257765005f91c0?OpenDocument>. (Photo by Terry Levinson)



AWARDS AND RECOGNITION

ORGANIZATION	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
City of Los Angeles Harbor Department, Port of Los Angeles	EPA	Replacement of a conventional diesel generator on a rubber tire gantry crane used to handle cargo at the Port of Los Angeles with EcoPower Hybrid Systems Inc.'s EcoCrane Hybrid system (the technology uses a lower horsepower, higher efficiency generator certified at Tier 3 with a battery pack to help reduce idling time)	\$731,298
Cobb County School District, Georgia	EPA	Emission reduction projects, including the retrofit of 480 buses with engine start-up/shut-off idle control systems	\$1,240,275
County of Erie, New York	NYSERDA	The implementation of idling reduction measures in Department of Public Works vehicles	\$192,000
Harbor Development Commission, New Bedford, Massachusetts	EPA	Installation of 16 shoreside electric power pedestals and award of up to 100 rebates to partially offset the cost of purchasing and installing equipment on board fishing vessels to accept shoreside power	\$1 million

ORGANIZATION	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Intelligent Imaging Systems, Edmonton, Alberta, Canada	NYSERDA	Installation of a Smart Roadside Inspection System (I-90, Rensselaer County, New York) to reduce tractor-trailer idling and good-driver downtime	\$373,490
New West Technologies, Utica, New York	NYSERDA	Provision of power pedestals to support 30 electric and hybrid-electric refrigerated tractor-trailers at 12 distribution centers and retail food locations throughout New York State	\$469,523
North Central Texas Council of Governments (NCTCOG)	EPA	Idling reduction measures for school buses and heavy-duty diesel engines and other emission reduction projects	\$1.5 million
Northeast States for Coordinated Air Use Management (NESCAUM)	EPA	Installation of APUs on 29 regional freight locomotives operating in Connecticut, Massachusetts, New Hampshire, and Vermont	\$850,000
Port of Corpus Christi Authority, Texas	EPA	Repower of a 120-ton switch engine locomotive and two industrial diesel engines with idling reduction, fuel efficiency, and particulate filtering technologies	\$1,026,058
South Coast Air Quality Management District, Port of Long Beach, California	EPA	Installation of Advanced Cleanup Technologies, Inc's Advanced Maritime Emission Control System (to capture and treat exhaust)	\$1.5 million

Respiratory Health Association of Metropolitan Chicago Receives Award

On June 30, 2010, the EPA Midwest Clean Diesel Initiative Leadership Group presented an award to the Respiratory Health Association of Metropolitan Chicago for organizing and chairing the Illinois Campaign to Clean Up Diesel Pollution group. The Association's projects include development of idle reduction ordinances at the state and local level; support and advocacy for funding of clean diesel projects through CMAQ funds; and working closely

with the Illinois EPA to implement more than 100 successful clean diesel projects throughout the state. For more, including information on the other winners, please see <http://yosemite.epa.gov/opa/admpress.nsf/a5792a626c8dac098525735900400c2d/943b65f871cefb1685257753006b92bf!OpenDocument>.

UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Idle Reduction: Regulations and Technology Solutions (The San Francisco Clean Cities Coalition, in partnership with Energy Xtreme)	San Francisco, California	August 4, 2010	http://idlereduction.eventbrite.com/

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MEETING	LOCATION	DATE	WEBSITE OR CONTACT
2010 Advancing the Choice: Delivering Success (NCTCOG and the Dallas-Fort Worth Clean Cities Coalition)	Grand Prairie, Texas	August 11, 2010	http://www.nctcog.org/trans/clean/cities/index.asp
Fuel Economy and Idle Reduction Workshop (Clean Transportation Education Project—NC Solar Center at North Carolina State University)	Burlington, Vermont	September 7, 2010	http://www.ncsc.ncsu.edu/cleantransportation/altfueled/
15th International Union of Air Pollution Prevention and Environmental Protection Associations' (IUAPPA) World Clean Air Congress	Vancouver, Canada	September 11–16, 2010	http://www.iuappa2010.com/
16th Directions in Engine-Efficiency and Emissions Research (DEER) Conference	Detroit, Michigan	September 27–30, 2010	http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html
National Center for Vehicle Emissions Control and Safety (NCVECS) 26th Clean Air Conference	Breckenridge, Colorado	September 27–30, 2010	http://www.ncvecs.colostate.edu/conference/Default.aspx
Hybrid Truck Users Forum (HTUF) National Conference 2010	Dearborn, Michigan	September 28–30, 2010	http://www.calstart.org/Homepage.aspx
West Coast Collaborative Partners Meeting	San Francisco, California	September 29–30, 2010	http://jppgroup-associates.com/wcc/meeting.htm
Society of Automotive Engineers Commercial Vehicle Engineering Congress and Exhibition	Rosemont, Illinois	October 5–6, 2010	http://www.sae.org/events/cve/
National Clean Diesel Campaign Conference	Washington, D.C.	October 19–20, 2010	http://www.cleandiesel10.com/
Sustainable Shipping Conference	Miami, Florida	October 20–22, 2010	http://www.sustainableshipping.com/events/2010/miami/
Transportation Research Board (TRB) 90th Annual Meeting	Washington, D.C.	January 23–27, 2011	http://www.trb.org/AnnualMeeting2011/Public/AnnualMeeting2011.aspx

REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
American Association of Port Authorities (AAPA)/EPA	National Clean Diesel Campaign: Clean Ports USA	http://www.aapa-ports.org/Programs/PastDetail.cfm?itemnumber=17408 (scroll down to Clean Ports USA under Goods Movement Electrification and Technologies)

PARKING SPACES FOR TRUCKS

\$6 Million Allocated to Five States for Truck Parking

DOT has made \$6 million available to five states to ease truck parking shortages on highways. The Truck Parking Facilities pilot program, which is part of SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users), seeks to add parking capacity and develop better ways to provide updated information about space availability to truck drivers on heavily traveled freight corridors. The interstates that will benefit

include Pennsylvania's I-81 (\$2.1 million), Mississippi's I-10 (\$2.1 million), Tennessee's I-40 (\$800,000), Oregon's I-5 (\$480,000), and Utah's I-15 (\$545,000). For more information, please see <http://www.thetrucker.com/News/Stories/2010/6/28/DOTreleasesfundstoaddressparkingshortagesfortruckersinfivestates.aspx> and <http://www.fhwa.dot.gov/pressroom/dot10121.htm>.

CabAire Increases TSE Presence in the East

Delaware's Interstate 95 now boasts a 40,000+ square-foot travel plaza equipped with 50 CabAire truck stop electrification (TSE) stations. Use of CabAire installations was free for the first month, after which the hourly fee will be no more than the cost of a gallon of diesel fuel. In Delaware, heavy-duty vehicles may idle for no more than 3 consecutive minutes, except when the outside temperature is 32°F or less. Fines for violating the idling law range from \$50 to \$500.

Meanwhile, in New Haven, Connecticut, ground has been broken for a CabAire TSE site. In partnership with the New Haven Port Authority, the

City of New Haven is constructing a 14-space TSE site that will provide heating, cooling, and electrical hookups to trucks awaiting access to port terminals. The project was made possible by a \$380,256 grant from the American Recovery and Reinvestment Act (ARRA) by the EPA through the Connecticut Department of Environmental Protection.

The links <http://governor.delaware.gov/news/2010/1006june/20100618-welcomecenter.shtml> and <http://www.cityofnewhaven.com/sustainability/ReadMore.asp?ID={3F931DEE-82EF-4D15-B0FB-2E88A0011529}> provide more information.

Arizona Reopens Five Rest Areas

The Arizona Department of Transportation (ADOT) has reopened 5 of the 13 rest areas that were closed late in 2009 in response to budget shortfalls. The reopened rest stops include: Ehrenberg (I-10), Canoa Ranch (I-19), Meteor Crater (I-40), Sacaton (I-10), and San Simon (I-10). Another four are scheduled to open in the fall after repairs have been made. ADOT states that it has sufficient funds in its new budget for annual maintenance costs, which run about \$320,000 for each location.

ADOT Director John Halikowski said, "We still need long-term, sustainable solutions to pay for rest areas and will pursue changes in federal law to allow Arizona to find partnerships and private investment in rest areas to make good use of the limited highway maintenance funds we have." The links <http://azdot.gov/CCPartnerships/News/NRel2565.asp> and http://www.landlinemag.com/todays_news/Daily/2010/July10/072610/072710-06.htm contain more information.

Virginia Studies Long-Term Solution for Rest Area Funding

The Commonwealth of Virginia has reopened the rest stops that had been closed for budgetary reasons. The Virginia Department of Transportation (VDOT) is now using money from its maintenance program to provide services; however, a long-term solution is necessary so that truckers and other travelers have a place to rest. VDOT is now looking into four pathways to keeping the rest stops open:

- Reducing contracting costs at all rest areas and welcome centers;

- Attracting private sponsors to pay for signage, interior advertising space, and vending;
- Using transportation stimulus grants to develop partnerships with tourism entities along Virginia's highways; and
- Directing the Virginia Transportation Research Council (VTRC) to study other options for supporting all or some of these sites.

Please see <http://www.governor.virginia.gov/news/viewRelease.cfm?id=226> for more information.

RAILROADS

Stimulus Money Helps Minnesota Locomotives Run Cleaner

Using part of a \$3 million EPA stimulus grant awarded last summer, the Minnesota Environmental Initiative funded the installation of APUs on two Twin Cities & Western Railroad Company locomotives. Train engines idle for a number of reasons, including the need to prevent oil and fuel from freezing; APUs provide an alternative to running the main locomotive engine for "hotel load."

The locomotives were retrofit at a cost of about \$70,000. Because of the EPA grant, it will not take years for the railroad to recover the cost of implementing the technology. According to a report by Minnesota Public Radio, the new APU can keep the engine warm by using just a half gallon of fuel per hour, compared to the 4–12 gallons used per hour by a locomotive engine. For more information, please see

<http://minnesota.publicradio.org/display/web/2010/06/09/diesel-idle/>.

(Photo: Jack Anderson, director of locomotives for Twin Cities & Western Railroad Company, stands next to one of the newly installed APUs. Photo by Elizabeth Dunbar, Minnesota Public Radio NewsQ.org)



OTHER NEWS OF INTEREST

Metro D.C. Kicks Off Summer Idling Reduction Campaign

The Metropolitan Washington, D.C., Council of Governments, in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment, has launched an idling reduction campaign to:

- Increase idle reduction awareness and control diesel emissions from motor coaches, transit buses, and heavy trucks.
- Promote idle-reduction as a positive behavior that helps bus and truck drivers to avoid fines, save money, and cut fuel costs.
- Improve public health, protect the environment, and enhance the quality of life for residents and visitors to our Nation's Capital and the Baltimore region.

Bus and trucking associations and their member companies are actively supporting the idling reduction campaign, including:

- American Bus Association
- United Motor Coach Association
- American Trucking Associations
- Diesel Technology Forum
- Maryland Motor Truck Association
- National Association of Truckstop Operators
- National Private Truck Council
- Owner-Operator Independent Drivers Association
- Truckload Carriers Association
- Virginia Trucking Association

Participating associations are reaching out to member bus and truck companies, encouraging them to inform their drivers about the idling reduction campaign and its positive benefits. More information will be available at <http://www.turnyourengineoff.org> as the campaign goes on.

MAX. IDLE TIMES:



Fines:
\$1000

Exemptions:

- 5 min. for temperatures below 32°F
- Power takeoff



Fines:
up to \$500

Exemptions:

- Traffic conditions or mechanical difficulties
- Heating, cooling, or auxiliary equipment



Fines:
up to \$25,000

Exemptions:

- Auxiliary power

Drink Up, Go Green

One California winery is allowing its customers to “go green” when they order wine for shipment. The Clif Family Winery now offers its customers an option of paying an additional 25 cents per bottle to offset the CO₂ emissions produced by packing and shipping the wine. Money collected for this purpose will go to NativeEnergy, which turns the money over to its partner, Cascade Sierra Solutions (CSS). CSS offers truckers EPA SmartWay

options such as APUs. Wine drinkers may now enjoy the fruit of the vine while contributing to an improved environment. More information is available at <http://lifestyletom.com/path/rao10925685607ros/roin59012416842> and http://www.csrwire.com/press_releases/19438-NativeEnergy-Partners-with-Cascade-Sierra-Solutions-.

ATRI Updates Compendium of Idling Regulations

The American Transportation Research Institute (ATRI) has updated its list of state and local idling regulations. The updated listing is provided as both a cab card, which can be downloaded and carried in the glove box of a truck, and an online compendium, which provides links to individual regulations.

Updates include new information on idling limits in Illinois (including Chicago); Detroit, Michigan; New Jersey; North Carolina; Cleveland, Maple Heights, South Maple Heights, and South Euclid, Ohio; and West Virginia. Please see <http://www.atri-online.org/>; the link is on the lower left of the home page.

RECURRING FEATURES

Currently Available Idling Reduction Equipment

The DOE/EERE Alternative Fuels and Advanced Vehicles Data Center (AFDC) 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.

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 make 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)						
Alabama	<i>District of Columbia</i>	Kansas	Mississippi*	New York	South Carolina	West Virginia
Alaska	Florida	<i>Kentucky</i>	Missouri	<i>North Carolina</i>	South Dakota*	Wisconsin
Arizona	Georgia	Louisiana*	Montana*	North Dakota	<i>Tennessee</i>	Wyoming*
Arkansas*	<i>Hawaii</i>	Maine	Nebraska	Ohio*	Texas*	
California	Idaho*	Maryland*	Nevada*	Oklahoma	Utah*	
Colorado	Illinois*	Massachusetts	New Hampshire*	Oregon	Vermont*	
Connecticut	Indiana	Michigan*	New Jersey*	Pennsylvania	Virginia	
Delaware	Iowa*	Minnesota	New Mexico	<i>Rhode Island</i>	Washington	

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.

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 and 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's Clean Cities program 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. 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 www.northeastdiesel.org/funding.htm; Mid-Atlantic Diesel Collaborative (Region 3), www.dieselmideatlantic.org/diesel/funding.htm; Southeast Diesel Collaborative (Region 4), www.southeastdiesel.org/funding.html; Midwest Clean Diesel Initiative (Region 5), www.epa.gov/midwestcleandiesel/grants/index.html;

Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), 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), 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 idling 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/pdfs/TA/361.pdf>)
- Autotherm (http://www.autothermusa.com/idle_calc.html)
- DOE Clean Cities program (http://www.afdc.energy.gov/cleancities/ccn/progs/story.php/WHATS_NEW/862/O/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>)

- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=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)
- 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)

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 at

least six states. CabAire, Shorepower Technologies, and EnviroDock installations are listed in this locator: 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, 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.

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. 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 retype the URL in your browser window.

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