

# National Idling Reduction Network News

January 2013

## SOLICITATIONS FOR FUNDING AND AWARDS

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

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Bay Area Air Quality Management District (BAAQMD)	Carl Moyer Memorial Air Quality Standards Attainment Program	~\$15 million	First come, first served.	<a href="http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
Alabama Department of Environmental Management	Diesel Emissions Reduction Grant Program	\$116,000	Rolling deadline until funds are awarded.	<a href="http://www.adem.alabama.gov/newsEvents/pressreleases/2012/DERAPublicServiceAnnouncement.pdf">http://www.adem.alabama.gov/newsEvents/pressreleases/2012/DERAPublicServiceAnnouncement.pdf</a>
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.adeq.state.ar.us/poa/sba/envloans.htm">http://www.adeq.state.ar.us/poa/sba/envloans.htm</a>
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/hdvlloanprogram.pdf">http://www.arb.ca.gov/ba/loan/on-road/documents/hdvlloanprogram.pdf</a>
CALSTART	California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	~\$15.1 million (as of January 30, 2013)	Rolling deadline until funds are awarded.	<a href="http://www.californiahvip.org/">http://www.californiahvip.org/</a>
Illinois Environmental Protection Agency (EPA)	Illinois Clean Diesel Grant Program	\$294,517	Rolling deadline until funds are awarded.	<a href="http://www.illinoisgreenfleets.org/">http://www.illinoisgreenfleets.org/</a>
Illinois EPA	Illinois Clean Diesel Grant Program—school buses only	\$1 million annually through 2016	Rolling deadline until funds are awarded.	<a href="http://www.illinoisgreenfleets.org/">http://www.illinoisgreenfleets.org/</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000	Rolling deadline until funds are awarded.	<a href="http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html">http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html</a>

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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	Not applicable	Rolling deadline—the 15th of every month.	<a href="http://www.turnyouengineoff.org/campaign_recognition.html">http://www.turnyouengineoff.org/campaign_recognition.html</a>
Pennsylvania Department of Environmental Protection	Small Business Pollution Prevention Assistance Account Loan Program	\$2 million annually	Not applicable	<a href="http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2">http://www.portal.state.pa.us/portal/server.pt?open=514&amp;objID=553247&amp;mode=2</a>
CARB	Advanced Technology Demonstration Projects: Zero-Emission Off-Road Equipment	\$1 million	February 7, 2013	<a href="http://www.arb.ca.gov/msprog/aqip/solicitations.htm">http://www.arb.ca.gov/msprog/aqip/solicitations.htm</a>
U.S. EPA Region 2	Environmental Quality Awards (nominations sought)	Not applicable	February 19, 2013	<a href="http://www.epa.gov/region2/eqa">http://www.epa.gov/region2/eqa</a>
<b>EPA Region 1</b>	<b>Environmental Merit Awards</b>	<b>Not applicable</b>	<b>March 1, 2013</b>	<a href="http://www.epa.gov/ne/ra/ema/">http://www.epa.gov/ne/ra/ema/</a>
<b>North Dakota Department of Health, Division of Air Quality</b>	<b>State Clean Diesel Grant Program</b>	<b>~\$158,000</b>	<b>March 1, 2013</b>	<a href="http://www.ndhealth.gov/AQ/Dockets/StateCleanDieselApplication.docx">www.ndhealth.gov/AQ/Dockets/StateCleanDieselApplication.docx</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	~\$300,000	March 1, 2013	<a href="http://www.epa.ohio.gov/oef/schoolbus.aspx">http://www.epa.ohio.gov/oef/schoolbus.aspx</a>
<b>Transportation Research Board (TRB), Airport Cooperative Research Program (ACRP)</b>	<b>Request for Proposals: Methodology To Improve EDMS/AEDT [Emission Dispersion Modeling System/Aviation Environmental Design Tool] Quantification of Aircraft Taxi/Idle Emissions</b>	<b>\$250,000</b>	<b>March 12, 2013</b>	<a href="http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=3440">http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=3440</a>

## REGULATORY NEWS

### Introducing IdleBase: A Comprehensive Database of Idling Laws

Clean Cities, an initiative of the U.S. Department of Energy (DOE), has launched IdleBase, a database of known laws related to the idling of all classes of on-road vehicles. The new database, which covers vehicles ranging from motorcycles and passenger cars to school buses and heavy-duty trucks, is available at <http://cleancities.energy.gov/idlebase>.

Prepared for Clean Cities by Argonne National Laboratory, IdleBase is designed to serve as a reference tool for both those who need to know the laws as a practical matter (e.g., fleet managers and vehicle operators) and those who want to learn how other states, regions, counties, and municipalities seek to reduce idling-associated air-quality impacts and fuel use (e.g., public officials and policymakers).

IdleBase is organized by state and provides the following information:

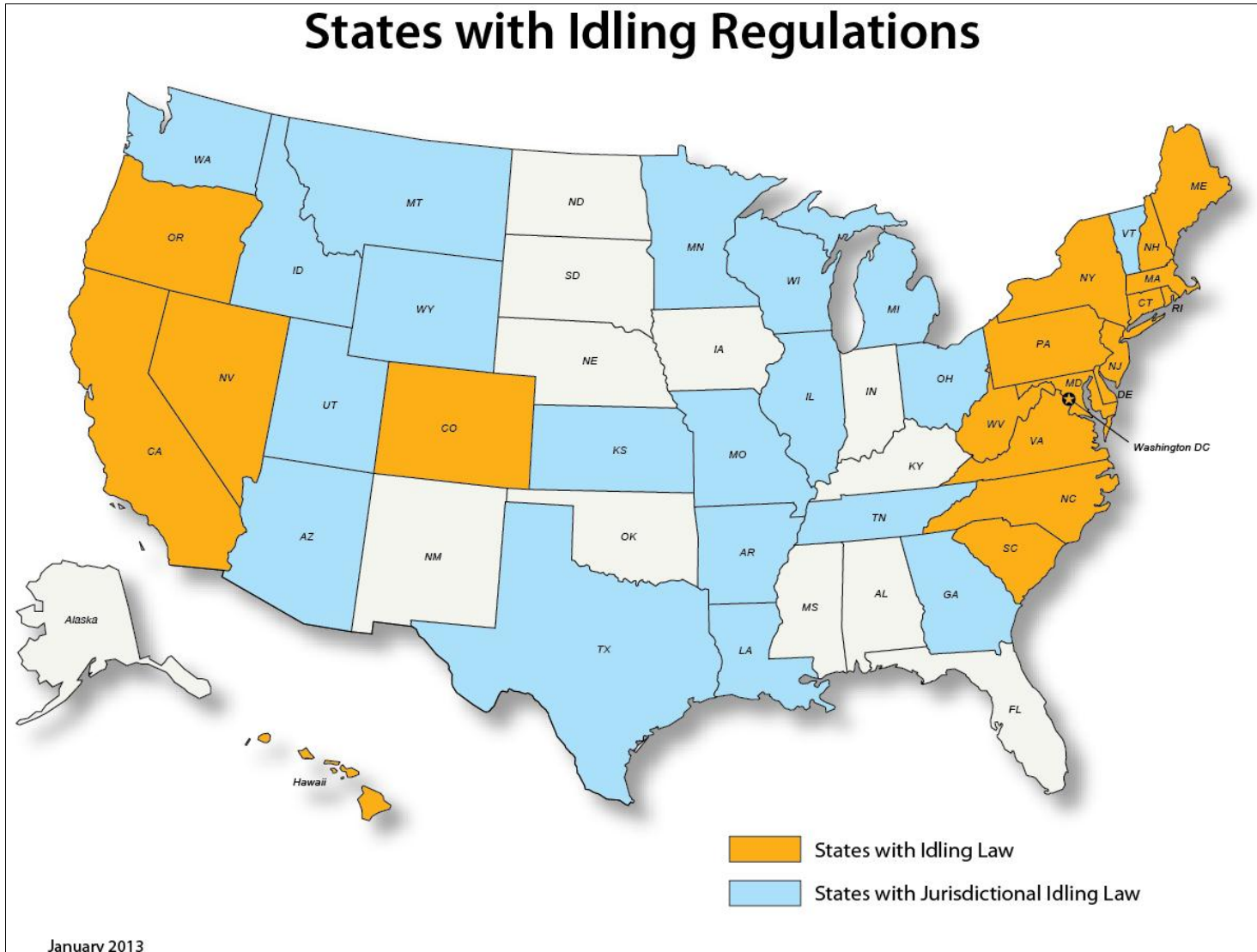
- Where the law (e.g., regulation, ordinance, or code) applies
- Vehicle type(s) affected by the law
- Description of the idling restriction
- Exemptions to the idling restriction
- Consequences of infractions (when known)
- Name or title of the law, and
- Hyperlink leading to the law or, in cases where a direct link is not possible, the website containing the law.

Most state entries end with an “Of Further Interest” section that has information about nonbinding/nonenforceable idling-reduction initiatives, which are usually led by state or local agencies.

Idling laws are surprisingly variable. While one city might limit the idling of “vehicles,” another might regulate the idling of “diesel-fueled commercial vehicles weighing more than 26,000 lb (gross vehicle weight),” and another might limit the idling of “large trucks on State Street.” As a result of the complicated landscape of idling restrictions, “Exemptions” is actually the most variable category. Often—even usually—the description of a law’s exemptions is longer than the law itself. Because the exemptions vary so widely and range from the very specific to the very general, exemption language in IdleBase has been only minimally simplified or standardized.

IdleBase is provided as a convenient reference tool. Because laws may change with little warning, users are strongly encouraged to crosscheck current laws. Those who note any inaccuracies or out-of-date content should send a message to [idlingreduction@anl.gov](mailto:idlingreduction@anl.gov) so that the team may make corrections for the next IdleBase update. (IdleBase will be updated quarterly.)

For a visual overview of idling laws, see the map on the next page. Argonne National Laboratory is one of the DOE’s largest national laboratories for scientific and engineering research. DOE’s Clean Cities initiative works through a network of nearly 100 coalitions to advance the nation’s economic, environmental, and energy security by supporting local actions that reduce transportation-sector petroleum consumption. For more information, please see [www.anl.gov](http://www.anl.gov) and [www.cleancities.energy.gov](http://www.cleancities.energy.gov).



Courtesy of Argonne National Laboratory

## Surge in APU Weight Exemption Bill Activity

Nearly 2 years have passed since any state has introduced an APU weight exemption bill, but 2013 is off to a lively start. In addition to Missouri, which introduced Senate Bill (SB) 43 to increase the APU weight exemption from 400 to 550 lb, New Hampshire and Tennessee now have weight-exemption bills on their dockets.

New Hampshire, where the 400-lb APU exemption went into effect just a year ago, now has a bill committee to increase the exempted weight to 550 lb. To follow the status of House Bill (HB) 196, please go to [http://www.gencourt.state.nh.us/bill\\_status/](http://www.gencourt.state.nh.us/bill_status/). In Tennessee, lawmakers

have introduced companion bills, SB65 and HB403, for a 550-lb weight allowance. Currently, Tennessee does not permit additional weight for APUs either by law or enforcement policy. To follow the Tennessee bills, please see <http://wapp.capitol.tn.gov/apps/BillInfo/Default.aspx?BillNumber=SB0065> and <http://wapp.capitol.tn.gov/apps/BillInfo/Default.aspx?BillNumber=HB0403&GA=108>.

Missouri's SB43, introduced early in January, is now in committee. The link [http://www.senate.mo.gov/13info/BTS\\_Web/Bill.aspx?SessionType=R&BillID=16944722](http://www.senate.mo.gov/13info/BTS_Web/Bill.aspx?SessionType=R&BillID=16944722) contains more information.

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Northeast States for Coordinated Air Use Management (NESCAUM)	U.S. EPA	Replacement of 2 locomotive engines operating in northern New Jersey with new, cleaner engines equipped with either an automatic engine stop/start system or an APU to reduce idling	\$1.4 million

## Clean Cities Coalitions Recognized for Idling Reduction Successes

In 2012, the U.S. DOE's Clean Cities initiative recognized two coalitions for their 2011 accomplishments in idling reduction. The Kentucky Clean Fuels Coalition (KCFC) received the Outstanding Idle Reduction Program Award, chiefly for its involvement in a Class-8 truck plug-in project with Mercer Transportation (Louisville, Kentucky). In 2011, KCFC helped save 4.7 million gasoline gallon equivalents (GGEs) through idling reduction projects.

In addition, Clean Cities recognized Idaho's Treasure Valley Clean Cities Coalition (TVCCC) for most-improved GGE savings with idling reduction. In

2011, TVCCC's idling reduction efforts achieved a nearly 57,000-GGE savings, nearly 100 times more than in 2010.

For more information about KCFC's idling reduction work, please see <http://www.kentuckycleanfuels.org/resources/fuelsandtechnologies/idlereduction.htm>. A video about a TVCCC idling reduction project can be found at [http://www.youtube.com/watch?v=Vu\\_r3pzjZCY&list=PLTTHf6mU88sZr6\\_qSxbg\\_CPRCjnPtzw1-&index=13](http://www.youtube.com/watch?v=Vu_r3pzjZCY&list=PLTTHf6mU88sZr6_qSxbg_CPRCjnPtzw1-&index=13).

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
Fleet Equipment Magazine	Idling Reduction	<a href="http://www.fleetequipmentmag.com/Item/108959/idling_reduction.aspx">http://www.fleetequipmentmag.com/Item/108959/idling_reduction.aspx</a>
National Renewable Energy Laboratory	Clean Cities 2011 Annual Metrics Report	<a href="http://www.afdc.energy.gov/uploads/publication/56091.pdf">http://www.afdc.energy.gov/uploads/publication/56091.pdf</a>
Oak Ridge National Laboratory	Medium Truck Duty Cycle Data from Real-World Driving Environments: Project Final Report	<a href="http://info.ornl.gov/sites/publications/Files/Pub39145.pdf">http://info.ornl.gov/sites/publications/Files/Pub39145.pdf</a>
Trucking Industry Mobility & Technology Coalition (TIMTC)	Truck Parking Issues and Opportunities (webinar)	<a href="http://www.freightmobility.com/Presentations.html">http://www.freightmobility.com/Presentations.html</a>
TRB, Airport Cooperative Research Program	State and Federal Regulations That May Affect Initiatives To Reduce Airports' GHG Emissions	<a href="http://onlinepubs.trb.org/onlinepubs/acrp/acrp_lrd_017.pdf">http://onlinepubs.trb.org/onlinepubs/acrp/acrp_lrd_017.pdf</a>
TRB, National Cooperative Freight Research Program	Handbook on Applying Environmental Benchmarking in Freight Transportation	<a href="http://onlinepubs.trb.org/onlinepubs/ncfrp/ncfrp_rpt_021.pdf">http://onlinepubs.trb.org/onlinepubs/ncfrp/ncfrp_rpt_021.pdf</a>

## UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
<b>How To Comply with CARB Diesel Regulations</b>	<b>Webinar (Session 1)—February 12, 2013</b> <b>Webinar (Session 2)—February 13, 2013</b> <b>Webinar (Session 3)—February 14, 2013</b> <b>Vallejo, California—February 20, 2013</b> <b>Salinas, California—February 27, 2013</b> <b>San Leandro, California—February 27, 2013</b>		<a href="https://ssl.arb.ca.gov/training/courses.php?course=520">https://ssl.arb.ca.gov/training/courses.php?course=520</a>
Green Truck Summit	Indianapolis, Indiana	March 5–6, 2013	<a href="http://www.calstart.org/Events/CALSTART-Events/Green-Truck-Summit.aspx">http://www.calstart.org/Events/CALSTART-Events/Green-Truck-Summit.aspx</a>
Theater screening of <i>Idle Threat</i>	Washington, D.C.	March 17, 2013	<a href="http://www.idlethreatmovie.com">http://www.idlethreatmovie.com</a>

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Mid-America Trucking Show	Louisville, Kentucky	March 21–23, 2013	<a href="http://www.truckingshow.com/">http://www.truckingshow.com/</a>
<b>CalHEAT</b>	<b>Sacramento, California</b>	<b>March 26, 2013</b>	<a href="http://www.calstart.org/Projects/CalHEAT.aspx">http://www.calstart.org/Projects/CalHEAT.aspx</a>
Energy Independence Summit	Washington, D.C.	April 8–10, 2013	<a href="http://www.transportationenergypartners.org/events/eis2013">http://www.transportationenergypartners.org/events/eis2013</a>
National Association of Fleet Administrators (NAFA) Institute and Expo	Atlantic City, New Jersey	April 23–26, 2013	<a href="http://www.nafainstitute.org/">http://www.nafainstitute.org/</a>
Government Fleet Expo & Conference (GFX)	San Antonio, Texas	June 10–12, 2013	<a href="http://www.governmentfleetexpo.com/">http://www.governmentfleetexpo.com/</a>
Alternative Clean Transportation (ACT) Expo	Washington, D.C.	June 24–27, 2013	<a href="http://www.actexpo.com/index.html">http://www.actexpo.com/index.html</a>
Green Fleet Conference	Phoenix, Arizona	October 1–2, 2013	<a href="http://www.greenfleetconference.com/">http://www.greenfleetconference.com/</a>

## MANUFACTURERS' NEWS

### Hodyon Recalls Dynasys APU

Because of a potential safety risk, APU manufacturer Hodyon (Cedar Park, Texas) has issued a recall of its Dynasys APU. The company has asked that all Dynasys owners not only discontinue use of the APU, but disable it.

Hodyon anticipates that recall repair instructions and initial parts shipments will be available to dealers beginning on February 11, 2013. When dealers have begun scheduling required repairs, the company will notify customers.

Dynasys owners who have not been contacted directly by either Dynasys or an authorized dealer about the process for disabling the Dynasys are asked to call (800) 289-8282, ext. 3. For the most current status on the recall action, please go to <http://www.hodyon.com/>.

## PARKING SPACES FOR TRUCKS

### Minnesota Tests Truck Parking Availability Notification Program

The Minnesota Department of Transportation is testing a system to provide truck drivers real-time information about parking availability. A network of automated cameras at the Elm Creek Rest Area on I-94 near Minneapolis monitors the rest area for empty spaces and relays the number available to

truck drivers when they reach a set distance (20 miles, 10 miles, 5 miles, or 1 mile) from the rest area. The cameras were activated in January, and the test will run through April 2013. Other rest areas will be tested later this year.

If successful, the monitoring and notification technology has the potential to improve truck drivers' ability to find safe parking and, in turn, reduce truck driver fatigue, which would improve roadway safety. Safe truck parking is a longstanding issue for truck drivers. In the absence of safe, reliable parking options, truckers may be forced to park in unsafe locations during their mandated rest periods.

Funding for the project includes \$2.1 million from the Federal Highway Administration (FHWA) and \$227,000 from the Minnesota Department of Transportation (DOT). More information is available at <http://www.landlinemag.com/Story.aspx?StoryID=24650> and <http://www.dot.state.mn.us/newsrels/13/01/10restareas.html>.

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## ELECTRIFIED PARKING SPACES

### IdleAir Introduces New Service Package

IdleAir has introduced a new service package targeted to truck drivers who want entertainment options and access to electrical power but do not need heated or cooled air.

The company's new ConvoyTV+Power™ package includes 60+ satellite TV channels, 120-volt electricity inside and outside the cab, and basic Internet access via the IdleAir touchscreen. Through April 30, 2013, IdleAir is offering the new service at select locations for \$1.49 per hour. The cost for access to

IdleAir's original package, Premium Service, which includes conditioned air, is \$2.09 per hour.

"Our new package especially benefits drivers whose trucks have alternating current-compatible HVAC systems. We have found that ConvoyTV+Power is also a great introduction to idling mitigation technologies for drivers who are new to truck stop electrification," said IdleAir's Chief Listening Officer, Jeff Maurer. For more information, please go to <http://www.idleair.com/news/>.

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### Shorepower Extends Free Service Through March 31

Shorepower Technologies is extending its free power incentive for truck drivers. Truckers may now use Shorepower's power pedestals free of charge through March 31, 2013.

As of the end of 2012, Shorepower Technologies had installed power pedestals at 55 locations for a total of 1,250+ electrified parking spaces. Twenty of the locations provide connections to 480-volt power for hybrid refrigerated trailers, and some locations offer cable TV access. For more information, please see <http://www.shorepower.com/>.



## PORTS

### Port of Halifax

The Port of Halifax, Nova Scotia, is slated to be the first Canadian Atlantic port to provide shore power for cruise ships. According to Canada's transportation department, Transport Canada, the new shore power installation will decrease cruise ship idling by 7%, which corresponds to an annual fuel-use decrease of about 123,000 liters (32,500 gallons) and an annual reduction of greenhouse gas and air pollutant emissions of 370,000 kg (815,000 lb). The percentage of idling displaced is expected to increase as more shore power-equipped ships use the installation.

The cooperative initiative among the Government of Canada, the Province of Nova Scotia, and the Port of Halifax is scheduled to launch in 2014. The Can\$10 million project will be funded by Transport Canada (up to

Can\$5 million) and the Province of Nova Scotia and the Port of Halifax (Can\$2.5 million each).

Funding for the Shore Power Technology for Ports Program was provided through Clean Transportation Initiatives as part of Canada's Clean Air Agenda. The initiatives focus on advancing green energy and energy efficiency and aligning Canadian regulations with those of the United States and with international standards. For more information, please go to [http://www.tc.gc.ca/eng/mediaroom/releases-2013-h003e-7035.htm?campaign=Twitter-eng&WT.mc\\_id=x1dp6](http://www.tc.gc.ca/eng/mediaroom/releases-2013-h003e-7035.htm?campaign=Twitter-eng&WT.mc_id=x1dp6).

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## RAILROADS

### "Electrified Parking" Planned for San Jose Trains

California's Bay Area Air Quality Management District (BAAQMD) has allocated \$330,000 for a wayside-power project that will reduce train emissions at a San Jose train station. Stopped trains often require power for refrigeration and other systems. Wayside power allows stationary vehicles to pull power from the electric grid rather than run their diesel engines.

The project will include the installation of eight cabinets to provide electric power for locomotives at the San Jose Diridon Station. BAAQMD will work in

partnership with the Peninsula Corridor Joint Powers Board, which owns and operates Caltrain and consists of representatives from San Francisco, San Mateo, and Santa Clara counties.

This project is funded through the Carl Moyer Program. For more information, please see <http://www.baaqmd.gov/Divisions/Communications-and-Outreach/News-Media-and-Features.aspx>.

## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The Alternative Fuels Data Center (AFDC) of the U.S. DOE's Office of Energy Efficiency and Renewable Energy (EERE) identifies types of heavy-duty idling reduction equipment and provides links to some manufacturers at [http://www.afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html) and [http://www.afdc.energy.gov/conserve/idle\\_reduction\\_related.html](http://www.afdc.energy.gov/conserve/idle_reduction_related.html),

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

### Status of the 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. On October 1, 2012, Moving Ahead for Progress in the 21st Century (MAP-21) became law, increasing this weight allowance from 400 lb to 550 lb. Each state can adopt this exemption, at its own discretion. We are not aware of any states that have increased the weight allowance to 550 lb. If you have information about planned or enacted changes, please

send a message to [idlingreduction@anl.gov](mailto:idlingreduction@anl.gov) so that we may share the news with our readers.]

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.

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 <sup>†</sup>	<i>North Carolina</i>	South Dakota	Wisconsin
Arizona	Georgia	Louisiana	Montana	North Dakota	<i>Tennessee</i> <sup>†</sup>	Wyoming
Arkansas	<i>Hawaii</i>	Maine	Nebraska	Ohio	Texas	
<i>California</i>	Idaho	Maryland	Nevada	Oklahoma	Utah	
Colorado	Illinois	Massachusetts	New Hampshire <sup>†</sup>	Oregon	Vermont	
Connecticut	Indiana	Michigan	New Jersey	Pennsylvania	Virginia	
Delaware	Iowa	Minnesota	New Mexico	<i>Rhode Island</i>	Washington	
Legend: Allows the 400-lb exemption by law; Allows the 400-lb exemption by enforcement policy rather than by law; <i>Does not permit the weight exemption.</i> † = Legislation in process to increase the weight exemption to 550 lb.						

## Summary of State and Municipal Idling Regulations

Many states and municipalities restrict idling. The newly launched IdleBase (<http://cleancities.energy.gov/IdleBase>) contains information about laws for all classes of on-road vehicles. For laws specific to heavy-duty vehicles only, the American Transportation Research Institute (ATRI) is an excellent

resource (<http://atri-online.org/2012/07/20/idling-regulations-compendium/>). If changes have been made, or are being proposed, for your state, county, or municipality, please let us know ([idlingreduction@anl.gov](mailto:idlingreduction@anl.gov)) so that we may share this information with newsletter readers.

## 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/laws/>. 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/funding-opportunities.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/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://us.bergstrominc.com/nite-calculate-savings/>)
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/>)
- Energy Xtreme (<http://www.energyxtreme.net/resources/calculator>)

- 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>)
- Hodyon (<http://www.hodyon.com/calculator.aspx>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)
- Idle Free Systems (<http://idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html>)
- 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](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 currently available in at least 23 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at <http://www.afdc.energy.gov/afdc/locator/tse>. 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 locations 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://www.afdc.energy.gov/afdc/locator/tse/>.

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

All issues of *National Idling Reduction Network News* may be found at [http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www.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.

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