

National Idling Reduction Network News

January 2014

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.	baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8
Colorado Regional Air Quality Council	Clean Air Fleets (GPS and retrofit technologies to support idle reduction in the Denver Metro area and Colorado Front Range)	~\$1 million	First come, first served.	Kate Ruygrok, 303-629 5450, ext. 290, or cleanairfleets.org
New York State Energy Research and Development Authority (NYSERDA)	New York State Electric Vehicle Voucher Incentive Fund (NYSEV-VIF)	\$9 million	First come, first served.	truck-vip.ny.gov/about.php
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	Rolling deadline until funds are awarded.	adeq.state.ar.us/poa/sba/envloans.htm
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf
Illinois Environmental Protection Agency (EPA)	Illinois Clean Diesel Grant Program	\$294,517	Rolling deadline until funds are awarded.	illinoisgreenfleets.org/
Illinois EPA	Illinois Clean Diesel Grant Program—school buses only	\$1 million annually through 2016	Rolling deadline until funds are awarded.	illinoisgreenfleets.org/
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.	turnyourengineoff.org/campaign_recognition.html

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Minnesota Pollution Control Agency (MPCA)	Small Business APU (auxiliary power unit) Loan Program	\$110,000	Rolling deadline until funds are awarded.	pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-environmental-improvement-loan-program.html
San Joaquin Valley Air Pollution Control District (SJVAPCD)	SJVAPCD Hybrid Truck and Bus Voucher Incentive Project Plus-up Voucher Funding Program	~\$903,000	Rolling deadline until funds are awarded.	californiahvip.org/
Pennsylvania Department of Environmental Protection	Small Business Pollution Prevention Assistance Account Loan Program	\$2 million annually	Not applicable	portal.state.pa.us/portal/server.pt?open=514&objID=553247&mode=2
U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE)	Small Business Innovation Research (SBIR) and Technology Transfer (STTR) Program, Grants for Clean Energy Technologies	~\$30 million	February 4, 2014	energy.gov/eere/articles/energy-department-announces-topics-and-new-approaches-grants-small-businesses-clean
U.S. EPA	Environmental Education Model Grants	~\$2.7 million	February 4, 2014	epa.gov/education/environmental-education-ee-grants
The Northeast States for Coordinated Air Use Management and the New York, Susquehanna & Western Railway	Request for Proposals (RFP): Equipment & Installation Services, Locomotive Repower & Idle Reduction Project	\$2,916,120	February 12, 2014	northeastdiesel.org/pdf/NYSW-NESCAUM-RFP.pdf
U.S. EPA	Projects To Improve Air Quality at Ports	\$4 Million	February 13, 2014	epa.gov/otaq/ports/ports-dera-rfp.htm
Kansas Department of Health and Environment	Kansas Clean Diesel Program	\$50,000	February 17, 2014	kdheks.gov/bar/air-monitor/dieselgrant.html
U.S. EPA Region 2	Environmental Quality Awards (nominations sought)	Not applicable	February 18, 2014	epa.gov/region2/eqa
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	~\$200,000	March 1, 2014	epa.ohio.gov/oef/schoolbus.aspx
U.S. Department of Transportation (DOT)	Low or No Emission Vehicle Deployment (LoNo) Program	\$24.9 million	March 10, 2014	fta.dot.gov/grants/13077_15782.html
Green Fleet Magazine	Leading Fleets Awards	Not applicable	March 14, 2014	government-fleet.com/content/100-best-fleets-submit-nominations-2014.aspx

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North Carolina Solar Center	Clean Fuel Advanced Technology (CFAT) Project	Up to \$1 million	March 18, 2014	ncsc.ncsu.edu/index.php/clean-transportation/funding/
North Carolina Department of Environment and Natural Resources, Division of Air Quality	APU/Idle Reduction Device Rebate Program	~\$43,000	First-come, first served, as long as funds remain but no later than September 30, 2014	daq.state.nc.us/motor/Rebates/

REGULATORY NEWS

Maryland Introduces Bill To Increase APU Weight Allowance

On January 8, Maryland lawmakers introduced a bill to increase the state's APU weight exemption. Senate Bill (SB) 72, "An Act Concerning Motor Vehicles—Weight and Axle Load Limits," would increase the state's 400-pound exemption to 550 pounds, as permitted by the Moving Ahead for Progress in the 21st Century Act (MAP-21) passed in 2012.

The bill has been sent to the Senate's Judicial Proceedings Committee. If passed as written, the act would take effect on October 1, 2014. For more information, please see legiscan.com/MD/bill/SB72/2014.

AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Community Healthcare System (Hobart, Indiana)	South Shore Clean Cities (SSCC) BP Cleaner Air through Diesel Emission Reductions (BP-CADER) Program	Purchase of 2 MediDock idle reduction kiosks	\$15,000
Community Healthcare System (Munster and East Chicago, Indiana)	SSCC BP-CADER Program	Purchase of 4 MediDock idle reduction kiosks	\$35,500
Franciscan Alliance (Hammond, Dyer, and Crown Point, Indiana)	SSCC BP-CADER Program	Purchase of 7 MediDock idle reduction kiosks	\$52,500
Methodist Hospitals (Gary and Merrillville, Indiana)	SSCC BP-CADER Program	Purchase of 4 MediDock idle reduction kiosks	\$30,000
School City of Hammond (Hammond, Indiana)	SSCC BP-CADER Program	Bus heaters to reduce idling in up to 64 school buses	\$56,558

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Arizona State University (Tempe, Arizona)	U.S. EPA	Estimation of particulate matter (PM) and nitrogen oxide (NOx) emissions from northbound idling vehicles waiting at the Mariposa port of entry in Nogales identification of emissions reduction strategies	\$67,314
Imperial County Air Pollution Control District (Imperial County, California)	U.S. EPA	Estimation of PM and NOx emissions from northbound idling vehicles waiting at the Calexico West and East ports of entry and identification of vehicle emissions reduction strategies	\$98,800
All-Ways Transit, Inc. (Bloomer, Wisconsin)	Wisconsin Department of Administration (DOA)	Purchase and installation of 1 APU	\$4,337
America's Service Line, LLC (Green Bay, Wisconsin)	Wisconsin DOA	Purchase and installation of 16 APUs	\$73,560
B & T Transport, LLC (Mauston, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
BCP Transportation, Inc. (Deerfield, Wisconsin)	Wisconsin DOA	Purchase and installation of 3 APUs	\$15,862
Blader Trucking Company, Inc. (Wautoma, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Brecht Trucking, LLC (Madison, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Chris Jensen (River Falls, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,358
Countryside Auto Transport, Inc. (Menasha, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$9,885
E T Transport, LLC (Dodgeville, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
F.T.S. (Kewaskum, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
First Freight Express of Fort Atkinson, Inc. (Fort Atkinson, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Fox Valley Alfalfa Mill, Inc. (Hilbert, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$3,290
Fuchs Trucking LLC (Sauk City, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$8,295
Furuseth Transport, LLC (Altoona, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,358
Geiger & Geiger Trust (Whitelaw, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Goeman Trucking, Ltd. (Slinger, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Great Lakes Logistix, LLC (Mondovi, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,358

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Gundrum Trucking, Inc. (Slinger, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,597
H. O. Wolding, Inc. (Amherst, Wisconsin)	Wisconsin DOA	Purchase and installation of 19 APUs	\$76,361
Hayes Transport (Verona, Wisconsin)	Wisconsin DOA	Purchase and installation of 5 APUs	\$23,695
Jepson Transport, LLC (Clintonville, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,597
Jim Piontek Trucking, Inc. (Green Bay, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,597
John Veriha Trucking, Inc. (Marinette, Wisconsin)	Wisconsin DOA	Purchase and installation of 3 APUs	\$12,670
K Thunder, LLC (Abrams, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,597
K&S Carriers, LLC (Greenwood, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
KAL Trucking, LLC (Black River Falls, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$3,872
Karls Transport, Inc. (Antigo, Wisconsin)	Wisconsin DOA	Purchase and installation of 6 APUs	\$22,080
Kevin Voigt Trucking, Inc. (Black Creek, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Kreilkamp Trucking, Inc. (Allenton, Wisconsin)	Wisconsin DOA	Purchase and installation of 14 APUs	\$66,346
Marten Transport Services, Ltd. (Mondovi, Wisconsin)	Wisconsin DOA	Purchase and installation of 32 APUs	\$149,908
Michael L Mathys (Rice Lake, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,358
Mobile Service, Inc. (Green Bay, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$1,645
MW2P, LLC (Madison, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
North Shore Logistics, Inc. (Neenah, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$9,195
O'Neil 5 Star, LLC (Ellsworth, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,632
Paul Peterson (River Falls, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,358
Performance Transportation Corp (Seymour, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,394
Pioneer Transportation, Ltd. (Merrill, Wisconsin)	Wisconsin DOA	Purchase and installation of 5 APUs	\$27,527
PJ Trucking (Pewaukee, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$9,544
Roehl Transport, Inc. (Marshfield, Wisconsin)	Wisconsin DOA	Purchase and installation of 27 APUs	\$71,496
Schugel, Inc. (Tomah, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$10,500
Schwerman Trucking, Co. (Milwaukee, Wisconsin)	Wisconsin DOA	Purchase and installation of 15 APUs	\$71,085
Seats Incorporated (Reedsburg, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,786

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Service One Transportation, Inc. (Plymouth, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
Soldwedel & Horn Enterprises, Inc. (Plymouth, Wisconsin)	Wisconsin DOA	Purchase and installation of 2 APUs	\$9,195
Tim Neubauer Trucking, LLC (Sparta, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,397
Timon Perron Trucking, Inc. (Campbellsport, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$4,597
V/S Midwest Carriers, Corp. (Kaukauna, Wisconsin)	Wisconsin DOA	Purchase and installation of 9 APUs	\$40,338
Vick Trucking LLC (Eagle, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,110
Weiler Transport, LLC (Unity, Wisconsin)	Wisconsin DOA	Purchase and installation of 1 APU	\$5,287
WEL Companies, Inc. (De Pere, Wisconsin)	Wisconsin DOA	Purchase and installation of 26 APUs	\$111,202
Zeller Transportation LLC (Hartford, Wisconsin)	Wisconsin DOA	Purchase and installation of 3 APUs	\$15,862

Community Leadership Award for Georgia Ports Authority

The Southeast Diesel Collaborative (SEDC), a public-private partnership formed by the U.S. EPA Region 4 office, recently named the Georgia Ports Authority (GPA) a Community Leadership Award winner. GPA's past projects include the adoption of electric rubber-tired gantry cranes (RTGs), the repower of diesel RTGs with variable alternators, and the retrofit of 11 switch locomotives with automatic engine stop-start technology by GPA's partner, Rail Link.

"Cutting diesel consumption means not only cleaner air, but also lower energy costs," said GPA Executive Director Curtis Foltz. "Better cross-terminal truck transit means less idling and quicker turn times, but also reduced emissions."

The EPA has also awarded the GPA a \$600,000 Diesel Emissions Reduction Act (DERA) grant to support a dray truck financing program. More information is available at gaports.com/Media/PressReleases.aspx.

REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
Fuels Fix	IdleBox Gets Traction	fuelsfix.com/eazines/FuelsFix_Winter14-Final.pdf (p. 25)
Navigant Research	48-Volt Systems for Stop-Start Vehicles and Micro Hybrids	Summary and ordering information available at navigantresearch.com/research/48-volt-systems-for-stop-start-vehicles-and-micro-hybrids
Navigant Research	Hybrid and Electric Trucks: Hybrid Electric, Plug-In Hybrid, and Battery Electric Light Duty, Medium Duty, and Heavy Duty Trucks and Vans—Global Market Analysis and Forecasts	Summary and ordering information available at navigantresearch.com/research/hybrid-and-electric-trucks

UPCOMING MEETINGS AND EVENTS

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

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
CARB Course 521: How to Comply with the Truck and Bus Regulation	Webinar—February 11, 2014 Webinar—February 26, 2014		arb.ca.gov/training/courses.php?course=521 (link also shows multiple onsite classes on various dates and in multiple locations)
NYC Commercial Refuse Clean Truck Workshop	Brooklyn, New York	February 27, 2014	truckvip.ny.gov/docs/WorkshopInvitation_CleanRefuseWorkshop.pdf
Green Truck Summit	Indianapolis, Indiana	March 4–5, 2014	ntea.com/greentrucksummit/about/
NTEA Work Truck Show	Indianapolis, Indiana	March 4–7, 2014	ntea.com/worktruckshow/index.aspx?id=938
Northeast Regional High-Efficiency Truck Users Forum (HTUF) Fleet Workshop and Ride and Drive	New York City, New York	March 16, 2014	calstart.org/Events/CALSTART-Events.aspx
Mid-America Trucking Show	Louisville, Kentucky	March 27–29, 2014	truckingshow.com/
National Association of Fleet Administrators (NAFA) Institute and Expo	Minneapolis, Minnesota	April 8–11, 2014	nafainstitute.org/
Alternative Clean Transportation (ACT) Expo	Long Beach, California	May 5–9, 2014	actexpo.com/index.html
Government Fleet Expo & Conference (GFX)	San Diego, California	June 2–4, 2014	governmentfleetexpo.com/
2014 U.S. DOE Vehicle Technologies Office Annual Merit Review and Peer Evaluation	Washington, D.C.	June 16–20, 2014	eere.energy.gov/vehiclesandfuels/events/events_detail.html?event_id=7447
SAE 2014 Commercial Vehicle Engineering Congress	Rosemont, Illinois	October 7–9, 2014	sae.org/events/cve/
Green Fleet Conference and Expo	Schaumburg, Illinois	October 29–30, 2014	greenfleetconference.com/

MANUFACTURERS' NEWS

CARB Extends Thermo King eDPF Verification

CARB recently extended its verification of Thermo King's electric regenerative diesel particulate filter (eDPF) for use with certain TriPac APUs

used with 2006–2014 model-year diesel engines. Designated as a Level 3 Plus system, the eDPF reduces emissions of diesel particulate matter by

at least 85%. The system includes an electric heater, a silicon carbide DPF, and a back-pressure monitoring and notification system. The eDPF is

compatible with APUs using up to 20% biodiesel. Details are available at arb.ca.gov/diesel/verdev/companies/thermoking/edpf.htm.

OTHER NEWS OF INTEREST

FY 2014 Appropriations Bill: DERA Funding Stable, TIGER Funding Increased

On January 17, President Obama signed Congress's omnibus spending bill, the Consolidated Appropriations Act of 2014. With funding set at \$20 million, Diesel Emissions Reduction Act (DERA) funding is essentially unchanged from fiscal year (FY) 2013 levels. Funding for the U.S. Department of Transportation's Transportation Investment Generating

Economic Recovery (TIGER) grant program increased 20% over last year, from \$454 million to \$600 million. For more information about appropriations related to air quality funding, please go to 4cleanair.org/newsTop.asp#headl.

"A Cold Car Is Better Than No Car"

With this winter's exceptionally cold weather, a number of jurisdictions are seeing an uptick in the theft of cars left idling "to warm up." Law enforcement officials are saying that unattended idling is all but an invitation to vehicle thieves—and the preventable thefts a drain on law-enforcement resources.

Over a recent 90-day period in Ogden, Utah, 36 of 82 vehicle thefts involved unattended idling, according to the city's newspaper, the *Standard-Examiner*. Ogden's police department is tackling the problem by identifying violators of the state's "no unattended standing" law (Utah Code, Title 41, Chapter 6a, Section 1403) and issuing \$40 citations. Regarding the inconvenience of getting into a cold car, Ogden Police Deputy Director

John Harvey told the *Standard-Examiner*, "A cold car is better than no car."

Prince George's County, Maryland, has seen similar thefts. Police reported that at least eight cars left idling were stolen in early January. Those who leave unattended vehicles idling in Prince George's County face a \$70 fine.

More information is available at standard.net/stories/2014/01/24/ogden-car-thefts-prompt-police-ticket-idling-vehicles and washingtonpost.com/local/crime/thieves-steal-unattended-vehicles-left-running-to-warm-up-in-the-cold/2014/01/08/ad6bbdba-787f-11e3-af7f-13bf0e9965f6_story.html.

RECURRING FEATURES

Currently Available Idling Reduction Equipment

The Alternative Fuels Data Center (AFDC) of the 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 afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html and

afdc.energy.gov/consERVE/idle_reduction_related.html. For EPA-verified idling reduction technologies in eight categories, please visit EPA’s SmartWay Transport website at 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. If you have information about planned or enacted changes, please send a

message to IDLINGREDUCTION@ANL.GOV so that we may share the news with our readers.]

We will update the following table 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 Auxiliary Power Unit Weight 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	TENNESSEE	Wyoming
Arkansas	<i>Hawaii</i>	Maine	Nebraska	Ohio	Texas	
<i>California</i>	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	
<p>Legend: Allows a 400-lb exemption by law; <i>ALLOWS A 550-LB EXEMPTION BY LAW</i>; Allows a 400-lb exemption by enforcement policy rather than by law; <i>Does not permit an APU weight exemption.</i></p> <p>* = Legislation in process to increase the weight exemption to 550 lb.</p>						

Summary of State and Municipal Idling Regulations

Many states and municipalities restrict idling. The recently launched IdleBase (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) has an excellent

resource (atri-online.org/2013/02/20/idling-regulations-compendium/). If your state, county, or municipality has made or is proposing changes, please let us know (idlingreduction@anl.gov) so that we may share the 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 afdc.energy.gov/laws/. Let us know if any information needs to be changed or updated. Additionally, the U.S. EPA Diesel Collaboratives offer news of available grant and loan programs. For the Northeast Diesel Collaborative (Regions 1 and 2), see northeastdiesel.org/funding.html; Mid-Atlantic Diesel Collaborative

(Region 3), dieselmidatlantic.org/funding-opportunities; Southeast Diesel Collaborative (Region 4), southeastdiesel.org/; Midwest Clean Diesel Initiative (Region 5), epa.gov/midwestcleandiesel/grants/index.html; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), blueskyways.org/funding/index.html; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), epa.gov/diesel/coll-rocky.htm; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), 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. We provide links to the calculators as tools of possible benefit but have not verified their accuracy. 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 (transportation.anl.gov/engines/idling.html—choose a calculator from the right side of the Web page)
- Bergstrom (us.bergstrominc.com/nite-calculate-savings/)
- DOE Clean Cities program (afdc.energy.gov/afdc/prep/)
- Dynasys (dynasysapu.com/dynasystem-apu-savings-calculator)
- Energy Xtreme (energyxtreme.net/idle-reduction/calculator-quote)
- Espar (espar.com/html/service/calculator/calculator.html)
- Hotstart (hotstart.com/home/products/locomotive-products/fuel-consumption-calculator/)

- Idle Free Systems (idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html)
- Kohler Power Systems (kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102)
- LifeForce (lifeforceapu.com/files/LifeforceCalculator.xls)
- Natural Resources Canada (oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16)
- Odyssey Battery (odysseybattery.com/fleet.html)
- Proheat (proheat.com/support/idleCostUS.php)

- Thermo King (na.thermoking.com/tk-innovation/global/en/products/apu/tripac-evolution-payback-calculator.html.html)
- Webasto (techwebasto.com/redirect/calculators/heater/heater_fuel_calculator_us.htm)
- ZeroRPM (zerorpm.com/select-calc)

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 34 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at 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 epamap10.epa.gov/website/irim_us_map.asp.

Idling Reduction Outreach Assistance

Is your organization looking for help in reducing idling? Your local Clean Cities coalition can help with the support of IdleBox. IdleBox is an electronic, modular toolkit to help managers of light- and medium-duty fleets save money, support a cleaner environment, and even get a bit of recognition for their efforts. IdleBox includes a variety of tools, such as presentations, fact

sheets, signs, posters, stickers, idling calculators, an idling-regulation database, and technical resources—to help fleets implement idle reduction.

To learn more about IdleBox, contact your local Clean Cities coordinator (afdc.energy.gov/cleancities/coalitions/coalition_contacts.php) or e-mail IdleBox@anl.gov.

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

All issues of *National Idling Reduction Network News* may be found at eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Additionally, the site has a compendium of all previous issues; 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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