



NATIONAL IDLING REDUCTION NETWORK NEWS

October 2006

SOLICITATIONS FOR FUNDING AND AWARDS

Organization	Project	Funding	Deadline	Website
New York State Energy Research and Development Authority (NYSERDA)	PON 1072: Clean diesel technology to improve the environmental performance of diesel-powered equipment in New York State, focusing on the use of anti-idling technologies and reduction of energy losses associated with emission controls	\$1.25 million with 50-percent cost share required for two categories and 25-percent cost share preferred for one category	November 20, 2006	http://www.nyserda.org/Funding/funding.asp?i=2
U.S. Environmental Protection Agency (EPA) Region 8	Region 8 Clean School Bus USA	\$415,000 with 5-percent cost share	November 30, 2006	http://www.epa.gov/region8/air/Reg8CSBRFP2006Rev3.pdf
	Rocky Mountain Clean Diesel Collaborative	\$100,000		http://www.epa.gov/region8/air/NCDCRFP2006Rev3.pdf
NYSERDA	PON 1090: Advanced vehicle R&D for new product development and for the siting or expansion of manufacturing facilities to produce innovative on-road vehicle components or systems in New York State	\$5 million	February 21, 2007	http://www.nyserda.org/includes/funding_content_pop.asp?i=PON%201090



SOLICITATION AWARDS

Pennsylvania Small Business Advantage Program Funds More APU's

More independent truckers and small trucking companies in Pennsylvania have received funding for auxiliary power units (APU's) from the Pennsylvania Department of Environmental Protection (DEP) Small Business Advantage Grant Program. In this round of funding, 45 percent of the \$224,318 awarded, or \$101,103, went for the purchase of APU's, and 18 of 39 awards, or 46 percent, went for this purpose. DEP requires a 50-50 cost share.

For the second year in a row, this grant program has proved so popular that funding soon will run out for the current fiscal year. The

program is no longer accepting applications for the current round of funding. This program is open to small business owners whose business or facility is located in Pennsylvania. An eligible applicant must be a for-profit business enterprise that is a corporation, limited liability company, partnership, sole proprietorship or other legal entity that has no more than 100 employees and is a separate legal business entity at the time the application is submitted. Applicants may be manufacturers or service providers. For more information, please go to <http://www.ahs.dep.state.pa.us/newsreleases/default.asp?ID=4279>.

Too Much Success for New Wisconsin Program

Starting July 1, 2006, the Wisconsin Department of Commerce began a new grants program for truckers. The Diesel Truck Idling Reduction Grant Program allows trucking companies and independent truckers to purchase idling reduction equipment. The grants will reimburse the trucking companies for 70 percent of the cost of idling reduction equipment and installation.

The Department recently announced the results of its first solicitation, and it made awards totaling \$1 million to 58 trucking firms in Wisconsin. There were 18 awards totaling \$750,000 to large fleets

having over 50 trucks and 40 awards to small fleets having 50 or fewer trucks.

However, applications exceeded the funding available very quickly after the start date of the program. All applicants not funded are being encouraged to apply for the next round of funding starting July 1, 2007. Source: <http://commerce.wi.gov/bd/BD-CA-Diesel-Grant-Program.html> and http://www.landlinemag.com/todays_news/Daily/2006/Oct06/100906/101006-01.html



SmartWay Recognizes Environmental Excellence in Fleet Operations and Shippers

EPA's SmartWay Transport Partnership recently held award ceremonies for environmental excellence at two national conferences. SmartWay Excellence Awards were presented to exemplary shipping companies at the Annual National Association of Environmental Management Conference in Savannah, Georgia, on October 25, 2006. At the American Trucking Associations Annual Management

Conference & Exhibition in Grapevine, Texas, on October 30, 2006, SmartWay acknowledged the accomplishments of trucking companies that had reduced energy consumption and greenhouse gas emissions by integrating innovative strategies and technologies into their fleet operations.

Category	Awardee	Location
Large, For-Hire Carriers	Contract Freighters, Inc.	Joplin, Missouri
	Roehl Transport, Inc.	Marshfield, Wisconsin
	Schneider National, Inc.	Green Bay, Wisconsin
	YRC Worldwide, Inc.	Overland Park, Kansas
Small-to-Mid-Size, For-Hire Carriers	Bison Transport, Inc.	Winnipeg, Manitoba
	Langford Trucking, Inc.	St. Cloud, Minnesota
	National Freight, Inc.	Vineland, New Jersey
	New Century Transportation, Inc.	Westhampton, New Jersey
	O & S Trucking, Inc.	Springfield, Missouri
Private Fleets	H-E-B	San Antonio, Texas
	Smithfield Transportation Co., Inc.	Smithfield, Virginia
	Quad Graphics	Sussex, Wisconsin
	Wal-Mart Stores, Inc.	Bentonville, Arkansas
Shippers	IKEA Distribution Services, North America	Plymouth Meeting, Pennsylvania
	Interface, Inc.	Atlanta, Georgia (joint award with Meridian IQ)
	Owens Corning	Toledo, Ohio
	Sharp Electronics Corporation	Mahwah, New Jersey
Logistics Companies	APL Logistics	Jacksonville, Florida
	Epes Logistics Services, Inc.	Greensboro, North Carolina
	Meridian IQ	Overland Park, Missouri (joint award with Interface, Inc.)
Affiliates	Minnesota Trucking Association	Roseville, Minnesota
	New Jersey Motor Carrier Association	East Brunswick, New Jersey
	Lane Regional Air Protection Agency and Cascade Sierra Solutions	Springfield, Oregon, and Brownville, Oregon (joint awardees)



More information is available at <http://www.epa.gov/smartway/awards.htm> and

<http://www.truckline.com/NR/exeres/1A826B12-17E7-4DB0-B425-5A6FB20846CD.htm>.

UPCOMING CONFERENCES AND REGULATORY MEETINGS

Meeting	Location	Date	Website or Contact
Electric Drive Transportation Association Conference & Exposition	Washington, D.C.	November 28-30, 2006	http://www.electricdrive.org/conference2006/index.php?tg=addon/9/form&id_ap=1&trt_step=1&id_step=4
Bay Area Air Quality Management District Carl Moyer Workshop	San Francisco, Oakland, San Jose, and Vallejo, California	December 1, 4, 5, 6 (respectively)	http://www.baaqmd.gov/pln/grants_and_incentives/carl_moyer/index.htm
Pacific Ports Air Quality Collaborative, First International Conference on Port Clean Air Policies and Strategies	Los Angeles, California	December 13-15, 2006	http://www.ppagc.org/en_conference.html
Transportation Research Board	Washington, D.C.	January 21-25, 2007	http://www.trb.org/meeting/
Clean Ships: Advanced Technology for Clean Air	Coronado, California	February 7-9, 2007	http://www.westcoastdiesel.org/files/other/Clean%20Ships%20Announcement.pdf
2007 Clean Heavy-Duty Vehicle Conference	Los Angeles, California	February 13-15, 2007	http://www.cleanheavyduty.com
Faster Freight – Cleaner Air 2007	Long Beach, California	February 26-28, 2007	http://www.ffca2007.com/



REGULATORY NEWS AND EVENTS

Final Rules Published for FHWA Oasis Program

The Federal Highway Administration (FHWA) published its final policies on its Interstate Oasis Program in the *Federal Register* on October 18, 2006. This new program, which was established as part of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU, Public Law 109-59, August 10, 2005), allows States to designate and provide signing to certain facilities off the freeway that will provide increased opportunities for drivers of all vehicles who stop to rest, use restroom facilities, and obtain basic services. The policies include eligibility criteria for a business to be designated as an Interstate Oasis and uniform signing practices. Most Oases will be within 3 miles of the highway.

In response to a comment from the Owner-Operators Independent Drivers Association (OOIDA), FHWA agreed that there should be no charge for any vehicle to park at the facility. Parking would be available for 10 hours a day, or more. Electrical power hookups for vehicle heating, ventilation, and air-conditioning would be at the option of the operator of the Oasis. More information is available at http://ops.fhwa.dot.gov/resources/news/news_detail.asp?ID=287, http://www.landlinemag.com/todays_news/Daily/2006/Oct06/101606/101906-03.htm, and http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register%26docid=E6-17367.

5 NY Counties Join Forces to Reduce Idling

Nassau, Putnam, Rockland, Suffolk, and Westchester Counties in New York State signed an agreement with EPA on October 12, 2006, to work on specific projects to reduce diesel pollution. The counties have committed to designing and enforcing measures to reduce engine idling, along with retrofitting, retiring, and replacing polluting engines; creating cleaner fleets of municipal vehicles; adopting cleaner fuels; and investing in pollution reduction technologies. The efforts associated with idling reduction include:

- Nassau County will work to pass a local law restricting vehicle idling to no more than 3 minutes by December 2006.
- Putnam County will work to pass a local law restricting vehicle idling to no more than 3 minutes by December 2008 and reach out to school districts, school bus operators, private bus

- operators, and public and private fleet operators to encourage idling reduction measures.
- Rockland County will:
 - Continue its efforts to establish an idling law to reinforce and supplement the 1972 Sanitary Code of the County of Rockland, which already restricts the idling of motor vehicles in the county to no more than 3 consecutive minutes.
 - Develop a public education campaign, including the posting of “No Idling” signs, that informs the citizens of the monetary and health penalties associated with unnecessary idling.



- Advocate for the placement of truck stop electrification facilities at truck stops and rest areas in the region.
- Work with commuter and freight rail operators to encourage them to install APU's to reduce emissions from idling diesel locomotives in rail yards and along the county's rail lines.
- Suffolk County will work to encourage implementation of idle reduction measures through education campaigns and explore ways to increase enforcement.
- Westchester County will implement the provisions of Local Law 1-2006, signed on March 1, 2006, which reduces idling of vehicles within the county to 3 minutes.

For the complete text of the agreement and for more information about how to reduce diesel emissions, please go to <http://yosemite.epa.gov/opa/admpress.nsf/7144dd430c47561885257018004c77a3/ff11b8c2a24b531a8525720500659047!OpenDocument>, <http://www.epa.gov/region02/air/nymagi.pdf>, and <http://www.northeastdiesel.org>.

Three States Study Truck Rest Area Needs

State agencies in New Jersey, New York, and Connecticut are cooperating on a regional study to recommend new sites for rest areas and/or expansion of current facilities. Due to the lack of sufficient parking spaces at rest areas and truck stops, truck drivers frequently end of turning the shoulders of I-95, I-80, and I-78 into de facto rest stops at night. This situation creates a safety hazard and security issues as the drivers are required to pull over to rest after

driving a certain number of hours. The study is expected to be completed early next year and presented to transportation departments and lawmakers in those three States at that time.

Source: *Land Line*, October 26, 2006,

http://www.landlinemag.com/todays_news/Daily/2006/Oct06/102306/102606-05.htm

Pennsylvania Considering New Anti-Idling Regulation

The Clean Air Board of Central Pennsylvania has asked the DEP to enact statewide restrictions for big trucks and other diesel vehicles idling at rest stops. The proposed restrictions would limit idling to 5 minutes per hour, except when the temperature falls below 40°F or above 80°F. The restrictions do not apply if the truck is using an APU. An article in the Harrisburg *Patriot-News* referred to the 5-minute limit as “a sufficient time to heat or cool an occupied truck cabin.” All idling, regardless of temperature, would be restricted to 5 minutes

after 2010. Again, anti-idling technologies would be excluded.

Source:

http://www.landlinemag.com/todays_news/Daily/2006/Oct06/101606/102006-01.htm and http://nl.newsbank.com/nl-search/we/Archives?p_product=HRNB&p_theme=hrnb&p_action=search&p_maxdocs=200&s_referrer=HRNB&s_dispstring=idling&p_fieldadvanced-0=&p_text_advanced-



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CARB's Final Regulation on Reducing Idling Emissions from Diesel Trucks Now Official

The California Office of Administrative Law (OAL) has approved the requirements to reduce idling emissions from new and in-use diesel trucks as adopted by the California Air Resources Board (CARB) on October 20, 2006. The rulemaking, which applies to model year 2008 and later model year truck engines, became effective on November 15, 2006.

Title 13 of the California Code of Regulations, §2485, contains the specifics pertaining to what devices are allowed. APU's must be equipped with acceptable pollution control equipment and route the

exhaust directly into the vehicle's exhaust pipe before the location of the aftertreatment equipment. There are exemptions for buses, school buses, recreational vehicles, medium-duty vehicles, emergency vehicles, and military tactical vehicles. Enforcement would be from CARB, police, and local air pollution and air quality management districts. Fines would start at \$100.

The final rulemaking package can be viewed at CARB's webpage at <http://www.arb.ca.gov/regact/hdvidle/hdvidle.htm>.

MANUFACTURERS' NEWS

Carrier Lengthens Service Interval, Boosts Reliability of ComfortPro™ APU

Carrier Transicold announced that it has improved its ComfortPro™ Auxiliary Power Unit (APU) by extending the service interval to 1000 hours, using R-134a refrigerant, and changing to a 60-amp alternator. The company claims that performance is enhanced while lowering lifecycle costs.

The ComfortPro™ APU provides air-conditioning, heating, and household electrical current for a truck sleeper cab, battery charging, and truck engine warming. It also offers an all-electric architecture in its Deltek™ hybrid diesel-electric technology, which is found in Carrier's Vector™ 1800MT trailer refrigeration units.

By using a larger oil reservoir and new oil filter, the oil-service interval has been doubled and means that a truck will not have to perform a maintenance stop exclusively for an APU oil change. The R-134a refrigerant is the same as that used in automotive air-conditioning systems, making service simpler for technicians due to standardized parts and procedures. The new alternator provides 50-percent more power than the original so that the truck driver is assured of being able to charge the most deeply depleted batteries in a timely fashion. Other improvements include a new condenser with a proven fin-and-tube design; use of a thermostatic expansion valve, rather than a



capillary tube mechanism; and addition of a low-pressure sensor to protect the unit by shutting it down in the event of a refrigerant leak. The energy source for the APU is a 4,000-watt generator driven by its diesel engine. For high reliability, its air-conditioning system uses a sealed electric compressor located inside the cabin. All ComfortPro

APU's have 2-year, 4,000-hour warranty. For more information, please go to http://www.fleetowner.com/news/carrier_transicold_comfortpro_apu/index.html and <http://www.trucktrailer.carrier.com>. Source: Thomas Cunningham, Carrier Transicold

NEWS ABOUT PORTS

POLB Approves "Green Lease" Project

The Long Beach, California, Board of Harbor Commissioners have given preliminary approval for a major construction contract that calls for "environmentally friendly" improvements under the Port of Long Beach (POLB) "green lease" terminal agreements. Under this \$45.8 million contract, work will begin on required facilities necessary to provide shore-side electricity, also known as "cold-ironing," to docked ships that will enable them to shut down their diesel engines and

reduce polluting emissions. The entire 8-year, \$686 million development project is intended to modernize the entire terminal with more efficient, environmentally friendly truck gates, rail yards, and berths. For more information, please go to http://www.polb.com/about/news/2006_news.asp and October 4, 2006, issue of *Truckline Express*.

OTHER NEWS OF INTEREST

Guidance on Idling Reduction in New York State Now Available

With the support of NYSERDA and EPA's SmartWay Transport Partnership, the New York Planning Federation has recently published an idling reduction guidance document for the various local, regional, and metropolitan planning commissions across the State. Entitled "A Municipal Official's Guide to Diesel Idling Reduction in New York State," the guidebook presents basic information and practical solutions for consideration in land use planning and zoning. The document is designed to assist State and local officials in

understanding the issues, alternative technologies and approaches, and in making sound decisions that can proactively reduce the occurrence and impact of diesel idling. The guidebook is available on NYSERDA's website at <http://www.nyserda.org/publications/09-06GuidetoDieselIdlingReduction.pdf>. If you would like a hard copy, please contact Joe Tario of NYSERDA at jdt@nyserda.org or (518) 862-1090 ext 3215.



Syracuse Shopping Mall to Use “Green” Approaches, Reduce Construction Vehicle Idling, Promote SmartWay

The developer of the expansion of the Carousel Center shopping mall in Syracuse, New York, has signed an agreement with EPA Region 2 to turn the expansion of the shopping center into an opportunity to be “green.” Among the voluntary measures cited in the agreement between the developer and EPA are retrofitting more than 100 construction vehicles used in the expansion with diesel particulate filters, implementing techniques to reduce the idling of construction equipment, increasing hybrid and biodiesel-powered vehicles in the

fleet, and promoting the EPA SmartWay Transport Partnership to the project’s carriers, shippers, and tenants in order to reduce diesel emissions and conserve energy. For more information, please contact Rick Moriarty at (470) 3148 or rmoriarty@syracuse.com, or go to <http://www.syracuse.com/business/poststandard/index.ssf?/base/business-5/1159262611252860.xml&coll=1>.

STANDARD FEATURES

New URL for Back Issues of National Idling Reduction Network News

If you are a new subscriber or have misplaced an issue of this newsletter, all issues are now located at

http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Please update your bookmarks accordingly.

Summary of State Anti-Idling Regulations

The most up-to-date lists of anti-idling regulations in States and municipalities are available at <http://www.atrionline.org/2005.ATRI.IdlingCompendium.pdf> and <http://www.epa.gov/smartway/documents/420b06004.pdf>. If your State or municipality has changed anything listed here or if it is in

error, please let us know, and we’ll make sure to inform our readership. This newsletter is also a place to let people know that you are thinking of adding or changing regulations and are soliciting comments.



Incentives and Funding Opportunities for Idling Reduction Projects

The U.S. Department of Energy's Clean Cities program provides a listing of Federal and State programs that offer incentives and funding for idling reduction projects. Further information can be found at <http://www.eere.energy.gov/cleancities/idle/incentives.html>. Please let us know if the information needs to be changed or updated.

The West Coast Diesel Collaborative has a comprehensive listing of grant and loan programs available from many States to purchase or apply for a loan for on-board idling reduction equipment. For the listing of these programs, please go to <http://www.westcoastdiesel.org/programs.htm>.

Clean Cities Web Site Now Offers TSE Locator

The DOE Clean Cities web site now displays the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are available in 11 States (Alabama, Arkansas, California, Georgia, Maryland, North Carolina, New Jersey, New York,

South Carolina, Tennessee, and Texas). Both IdleAire and Shurepower installations area listed in this locator. For more information, please go to http://www.eere.energy.gov/cleancities/idle/station_locator.html.

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