

FALL 2008

Propane Helps Consumers Reduce Their Environmental Impact

Propane Truck Offsets Carbon Emissions of 75 Homes

Propane emits less carbon dioxide per Btu at the point of use than gasoline, diesel, and even ethanol. That means consumers can reduce their carbon footprint by switching to propane.

Replacing a fuel oil heating system with an efficient propane heating system, for example, not only cuts heating bills but also avoids the same amount of carbon dioxide (CO₂) emissions as switching from a standard midsize sedan to a Toyota Prius. If just 1 percent of homes currently using fuel oil for heating were to switch to propane heating systems, it could save as many CO₂ emissions as are generated by powering every home in the United States for more than two months, or 8 million homes for an entire year.

The Roush Ford F-150 represents another good way to reduce CO₂ emissions. Driving a propane-fueled

pickup instead of the gasoline-powered version for a year saves the same amount of CO₂ emissions as replacing 600 incandescent light bulbs with high-efficiency LED lights.

Over the lifetime of the vehicle, a propane-fueled truck such as the Roush F-150 would reduce CO₂ emissions by an amount equivalent to the CO₂ emissions produced by powering 75 homes for a year. In fact, if just 10 percent of gasoline F-series trucks were replaced with propane pickups, the GHG emissions avoided would be equal to those generated by powering 375,000 homes for a year, or all 107 million homes in the United States for a month. At the same time, propane pickups cost less to operate than their gasoline-fueled counterparts.

For more details regarding propane's potential to reduce greenhouse gas emissions,



please see PERC's 2007 study *Propane Reduces Greenhouse Gas Emissions: A Comparative Analysis*. To download a copy, visit www.propaneresearch.com, call PERC's Greg Kerr at (202) 452-8975, or write to Greg at greg.kerr@propanecouncil.org.

Propane Commercial Mowing: Going Green while Saving Green

For cities, counties, and governments at all levels, cleaning up the environment by reducing emissions has become a top priority. Propane mowers can play a pivotal role in helping governments achieve their objectives of cleaner air while at the same time lowering costs.

For companies, going green can be a good business decision, but making a company's processes and operations more environment-friendly can also be costly. For companies that operate a fleet of commercial mowers, especially commercial lawn and garden businesses, propane offers a green solution that is cost-effective.

The new opportunity created by the availability of propane-fueled mowers will require propane marketers to learn all they can about a new market. As a marketer, you should not only know what commercial mowers are available but also familiarize yourself with the ins

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Low-Emissions Transfer Equipment Makes Propane Greener

Uncontrolled releases of propane into the atmosphere, commonly referred to as fugitive emissions, are drawing more attention, especially in California. In addition to the potential environmental effects of uncontrolled releases of propane, fugitive emissions could cost the industry millions of dollars per year through losses during normal industry product transfer operations.

There are two principal sources of fugitive emissions. The first source is the normal breaking of connections of hoses and valves after an operator has transferred product from one container to another; the second and most frequent source is the use of the fixed maximum liquid level gauge (FMLLG), commonly known as the 80 percent valve. According to a 2005 industry study, approximately 73 percent of fugitive emissions result from the operation of the FMLLG. In keeping with industry standards, the FMLLG is opened during the filling operation to indicate when the maximum fill level is reached. While open, the FMLLG vents product into the atmosphere.



Low-emissions transfer valve (courtesy Marshall Excelsior Co.)

Demonstrating concern for air quality, manufacturers are seeking ways to minimize these emissions. Most FMLLGs in use today have a No. 54 drill size orifice. One innovative way to reduce emissions is simply to reduce the size of the orifice; nevertheless, there are concerns that smaller orifices could be more prone to freeze up and more vulnerable to blockage caused by debris. Given those concerns, PERC recently launched a project to investigate the susceptibility of equipment with smaller orifices to freeze-ups or blockage. Results from that investigation should be available soon.

Equipment manufacturers have responded to increasing demand for low-emissions transfer equipment. Already popular in global propane markets, low-emissions equipment is generally defined as equipment that can limit emissions to no more than four cubic centimeters per disconnect, taking into account emissions from both the fill valve and the hose nozzle. Some of this low-emissions equipment can reduce emissions to 0.16 cubic centimeters, a 96 percent reduction.

Significantly reducing fugitive emissions not only helps the marketer's bottom line but also helps the environment. Propane is a clean, efficient, and environment-friendly fuel with a low greenhouse gas emissions profile. Advancing propane's green image with the adoption of low-emissions equipment can only strengthen those benefits. For more information, call your local equipment supplier, call PERC's Greg Kerr at (202) 452-8975, or write to Greg at greg.kerr@propanecouncil.org.

One Easy Step to Make Your Safety Training Green

For propane marketers, going green is easier than you think. Simple changes to your business can make a big impact on the environment.

One way to go green is through your safety training. Traveling by car or plane to a training class not only costs money but also generates CO₂ emissions that reduce air quality and cause other harm to the environment.

Eliminate the travel and the pollution by using the CETP

E-Learning program. CETP E-Learning is a computer-based DVD training program for the propane industry. Each CETP E-Learning DVD is \$21.95 and can train all of the employees of your company. You'll save the money you would have spent on travel and lodging and you'll reduce your carbon footprint.

For more tips on going green with propane, please visit www.usepropane.com.



Online Course Teaches Architects and Builders to Build Green with Propane

The Propane Education & Research Council (PERC) has added "Green Building with Propane" and two other continuing education courses to its online offerings for architects, designers, and builders. The courses promote the safe, efficient use of propane as an energy source in new and remodeled houses.

Millions of Americans rely on propane for energy throughout the home. Stored in aboveground or underground tanks, propane is an energy option more builders are specifying, particularly to fuel homes that are not served by natural gas lines.

The new courses, "Green Building with Propane," "Community Propane Systems," and "Hydronics and Propane," join "Propane and Underground Propane Tanks" and "Green Water Heating with Propane: Retrofitting from Electric" in the lineup of PERC online continuing education courses.

You can use the PowerPoint versions of these courses during your meetings with builders to illustrate the value of using propane for energy in a variety of applications, including home heating, water heating, and cooking. The PowerPoint presentations are available to registered users on the Propane Marketing Resource Center (MaRC) at <http://members.propanecouncil.org>.

Since the PERC online education program was launched last summer it has delivered hundreds of American Institute of Architects Continuing Education

System (AIA/CES) credit hours to participating professionals. PERC is registered with AIA/CES as a provider of continuing education content.

Most states require architects to continue their education to maintain a professional license, and AIA requires it for membership renewal. PERC designs its courses to meet AIA guidelines to ensure that users who take the courses and earn a passing grade receive corresponding credit toward fulfillment of their annual AIA/CES requirements.

"In this age of increasing energy and environmental awareness, propane is gaining momentum as a design option in the builder environment," said Tracy Bursleson, PERC's director of residential trade outreach and partnerships. "In response to the corresponding demand for high-quality education and insight about propane technology and applications, our new online courses expand our commitment to help architects and design professionals learn more about how to specify clean, efficient propane and earn AIA/CES credit in the process."

The PERC curriculum is hosted by the Pratt Institute Center for Continuing and Professional Studies at <http://ces.pratt.edu>. CS Learning Solutions built and maintains the site for Pratt Institute, which is one of the nation's largest and most prestigious universities for art, design, and architecture.

PERC Hires New Lead Communications Agency

The Propane Education & Research Council (PERC) has selected Colle+McVoy of Minneapolis, Minn., as its new lead communications agency. The agency's work for the Council will involve advertising and public relations for both consumer and industry audiences.

Colle+McVoy will provide strategic marketing support to PERC's various programs from the beginning of the research and development process through the broader consumer and trade marketing efforts. The assignment includes creative, interactive, public relations, relationship marketing, and contact planning for both consumer and business-to-business activities.

The agency emerged from a crowded field of award-winning creative agencies during a review process conducted by PERC's Market Development Task Force (MDTF) and its Agency Review Team. The Agency Review Team consisted of nine marketer representatives from around the country.

"The Colle+McVoy team came in with a direct and enthusiastic effort that helped them rise to the top," said Roy Willis, president and CEO of PERC. "And their strategic and creative approach to address our specific

marketing goals was on target. We look forward to aligning our teams to reach these goals."

"We are thrilled by the challenge and responsibility PERC has presented us," said Christine Fruechte, president and CEO of Colle+McVoy. "We look forward to promoting the use of propane and expanding public awareness of its many uses and environmental advantages. The assignment will take full advantage of the incredibly talented and integrated team we've built over the last few years, as well as our exceptional ideas, which continue to attract more and more attention."

During a presentation to the Council last July, Fruechte said propane users and future decision makers already see propane as economical, safe, and clean. The key to increasing the demand for propane, she said, will be to help users and future decision makers associate propane with emotional benefits such as peace of mind, trust, confidence, and freedom.

Colle+McVoy was founded in 1935, has nearly 200 employees, and has been a member of the MDC Partners network since 1999.

On-Road Propane Vehicles Gain National Attention with Support from Industry

With the support of propane marketers across the country, on-road propane vehicles are getting attention from the mainstream media and creating opportunities for the industry nationwide.

The propane industry now has a variety of applications available to meet the demands of fleet operators, including the General Motors 8.1-liter engine by CleanFuel USA, the Roush F-150 pickup, the Blue Bird Propane-Powered Vision school bus, and several quality aftermarket kits. While manufacturers continue to develop additional fleet-targeted vehicles, today's market drivers of escalating prices for conventional fuel and more stringent emissions regulations have created an atmosphere in which fleets are switching to propane. Because increasing the number of propane-fueled vehicles on the road can help marketers sell more gallons, industry leaders have embarked upon a media campaign that aims to reach the fleet segments where propane vehicle options are available.

Millions of radio listeners heard about the environmental and economic benefits of propane-fueled school buses the week of July 29, when stations and network affiliates around the United States aired interviews with Michael L. Williams, chairman of the Texas Railroad Commission, the state's top energy agency, and Roy Willis, president and CEO of the Propane Education & Research Council (PERC). Williams and Willis were interviewed by 18 news outlets on July 29 and the interviews aired throughout the week. The radio tour was a component of the Capital Action Program (CAP), a joint communications initiative of the National Propane Gas Association (NPGA) and PERC that is directed

to the decision-maker audience on Capitol Hill. The radio tour built on the message that industry members carried to Washington during Propane Days: propane is an environment-friendly energy source.

Continuing the success of the radio outreach efforts, fleet operators and news media representatives joined motorsports legend Jack Roush at a demonstration of propane-fueled vehicles in New York City on August 20. Participants drove around Central Park in a Blue Bird Propane-Powered Vision school bus and had a firsthand look at other propane fleet vehicles: Ford propane F-150 pickups developed by Roush Industries, a GM bobtail by CleanFuel USA, a Ford Crown Victoria police cruiser, and a Chrysler 300 sedan using American Alternative Fuel's aftermarket technology.

The event, hosted by PERC, served to remind fleet operators that propane fleet vehicles have cleaner emissions and lower operating costs than gasoline and diesel vehicles yet still deliver the high level of performance that fleet managers require. The Associated Press, *Forbes*, and others reported on the event, with articles appearing in publications with total circulation exceeding 15 million.

The New York City media event was immediately followed by a television commercial featuring an award-winning fleet of propane-fueled delivery vans during NBC's Olympics telecast on Saturday, August 23. The fleet operator, Wil Fischer Companies of Springfield, Mo., an exclusive



Propane engine fuel media event in New York City on August 20

Anheuser-Busch distributor, received a 2008 *PROPANE Exceptional Energy®* Fleet Award from PERC last spring. Thirty-two of the 79 vehicles in the Wil Fischer fleet run on propane, a cleaner-burning, cost-effective alternative fuel. The commercial is part of Anheuser-Busch's greening campaign and can be viewed on the company's web site at www.ourpledge.com.

New and updated tools for propane marketers spell out the advantages of buying or expanding a propane-fueled fleet:

- Case studies on fleets that are saving money after switching some or all of their vehicles to propane.
- An online fleet calculator that can estimate the savings a particular fleet would realize by switching to propane.
- A list of aftermarket equipment suppliers available now.
- Summaries of on- and off-road products currently available or expected to enter into the market soon.

To learn more about these tools and other materials available from PERC's engine fuel program, call Brian Feehan or Sandra Loi at (202) 452-8975 or send an email message to sandra.loi@propanecouncil.org.

Developing the Market for Climate-Friendly Propane

The following pages highlight propane applications — available now or coming soon — that can help consumers and marketers protect the environment. For more information about these breakthroughs and what they mean for your business, call PERC's Greg Kerr at (202) 452-8975 or send a message to him at greg.kerr@propanecouncil.org.

Renewable Hybrid Distributed Generation Systems



HOW IT WORKS

Hybrid distributed generation systems combine renewable sources of energy, typically solar or wind, with a propane-fueled backup engine to provide a reliable, renewable, and economical source for on-site power generation.

TOOLS AND RESOURCES

-  Fact Sheet
-  Demo

MARKETS

-  Residential
-  Commercial
-  Agriculture

INDUSTRY IMPACT

- 400 to 1,000 gallons per system annually, on average.
- Generates off-season sales.
- Increases perception of propane as a clean fuel.
- Increases visibility in distributed generation market.

WHAT IT DOES

- Propane-fueled backup engine provides a reliable supply of energy.
 - Provides additional power when electrical demand exceeds power availability.
 - Charges the system battery when solar panels or wind turbines cannot.
- Provides affordable, clean power to on- and off-grid locations.

TECHNOLOGY TALKING POINTS

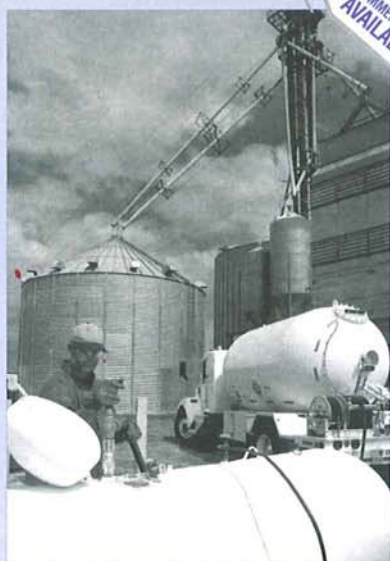
- Hybrid systems are being tested and demonstrated in rural communities, national parks, and Washington, D.C., traffic lights.
- Provides reliable, continuous power.
- Lower capital costs than solely renewable systems.
- Lower operating costs than traditional distributed generation systems.

GREEN BENEFITS

- Produces fewer emissions than traditional distributed generation systems.
- Maximizes performance of renewable energy systems.
- Cleaner than other fuel-powered generators.
- More efficient than grid electricity.
- Does not require intrusive transmission lines.

For more information, visit www.propanetechnology.com

Liquid Level Gauges



HOW IT WORKS

Newer fixed maximum liquid level gauges have smaller orifices than traditional gauges. These new devices reduce fugitive emissions from fuel transfer operations by up to 70 percent.

INDUSTRY IMPACT

- Prevents loss of significant amounts of propane (millions of dollars in value per year).
- Demonstrates industry's commitment to clean distribution practices.

WHAT IT DOES

- Smaller drill size of outlet valve decreases flow through the outlet, reducing the release of fugitive emissions.

TECHNOLOGY TALKING POINTS

- Decreases fugitive emissions.
- Currently investigating whether smaller outlet valves are more likely to freeze or be blocked by debris.
- Will be applicable to all propane tanks.


GREEN BENEFITS

- Reduces fugitive emissions from fuel transfer operations by up to 70 percent.

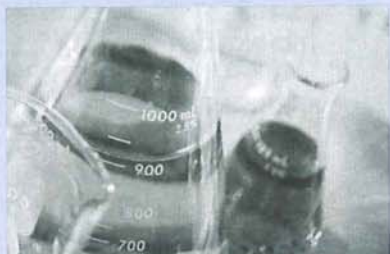
MARKETS

-  Agriculture
-  Commercial
-  Industrial
-  Residential
-  Transportation

TOOLS AND RESOURCES

-  Testing Program (under way)

Biopropane



HOW IT WORKS

A new study has proven that biopropane can be produced via catalytic conversion of synthesis gas obtained from a variety of biological sources, including vegetable oils, animal fats, and microorganisms.

WHAT IT DOES

- Provides the propane industry with an alternative, domestically produced feedstock.
- Provides a supply that is independent of volatile crude prices.

INDUSTRY IMPACT

- May provide a new, cost-effective, domestic source of propane.
- Demonstrates industry's commitment to greener production methods.

GREEN BENEFITS

- Converts waste products into fuel.
- Sustainable supply — biomass is highly abundant and renewable.
- Reduces dependency on limited conventional fuel supply.
- Reduces dependency on imported oil.
- Taps into large market for greener heating and transportation fuels.
- Allows propane to compete with renewables for federal incentives, grants, and tax programs.

TECHNOLOGY TALKING POINTS

- Creates a renewable fuel with an already proven delivery infrastructure.
- Uses current petroleum refining processes and practices, making production costs comparable to those of traditional crude petroleum.
- Can be produced for just over \$4 per gallon in small volumes, according to a preliminary study.
- A family of alcohols derived from biomass has been identified that can be converted to light hydrocarbon gases containing significant amounts of propane.

MARKETS

- Agriculture
- Commercial
- Industrial
- Residential
- Transportation

TOOLS AND RESOURCES

- Proof of Concept Report

For more information, visit www.propanetechnology.com

Batchen Stinger Thermal Weed Control



HOW IT WORKS

The Batchen Stinger is a towable thermal weed control machine that superheats steam (to 800 degrees Fahrenheit) to kill weeds. Its lightweight, adjustable canopy retains heat to increase thermal transfer.

TOOLS AND RESOURCES

- Fact Sheet
- Demo
- Certification

MARKETS

- Agriculture

INDUSTRY IMPACT

- Generates off-season sales.
- Boosts propane's presence in the rapidly growing sustainable farming market.

WHAT IT DOES

- Uses a generator to convert combusting propane fuel and water into superheated steam.
- Operates for up to seven hours without refueling.
- Less restricted by wind and rain than chemical application.
- Reduces workers' exposure to chemicals.
- Allows immediate reentry into fields after treatment.
- Reduces tillage and conserves soil moisture while reducing the potential for soil erosion.

TECHNOLOGY TALKING POINTS

- Compliant with U.S. Department of Agriculture (USDA) organic practices.
- Produces no runoff or residues and minimizes soil erosion.
- Offers increased treatment effectiveness as weeds cannot become resistant to heat.
- Currently being redesigned to double fuel and water capacity and allow dual-row treatment.

GREEN BENEFITS

- Reduces risk of soil erosion.
- Preserves soil moisture.
- Chemical-free.
- USDA-recognized organic production practice.

Propane School Bus



HOW IT WORKS

The Blue Bird Propane Vision is a conventional Type C school bus that runs on propane instead of diesel fuel. It is a fully integrated and purposely built original equipment manufacturer (OEM) school bus.

WHAT IT DOES

- Uses a GM 8.1 L Vortec engine with a propane fuel system.
 - Horsepower and torque capability comparable to gasoline.
 - Fuel range of approximately 300 miles.

INDUSTRY IMPACT

- Approximately 18,000 to 22,500 gallons of propane per bus over the useful lifetime.
- Builds market presence as an alternative to conventional buses.
- Increases propane's visibility to OEMs, bus manufacturers, and fleet managers.

GREEN BENEFITS

- Emits fewer lifecycle greenhouse gas emissions than gasoline or diesel.
- Compared with gasoline:
 - Reduces carbon dioxide by 12 percent.
 - Reduces carbon monoxide and nitrogen oxide emissions by 60 percent.
 - Reduces toxins and carcinogens such as benzene and toluene by up to 96 percent.
- Meets Environmental Protection Agency (EPA) and California Air Resources Board (CARB) certification requirements.

TECHNOLOGY TALKING POINTS

- Has multiple floor plans with seating capacity up to 77 passengers.
- Offers economic advantages over conventional fuel.
- EPA- and CARB-certified for 2010 production year.
- Meets all applicable school bus federal motor vehicle safety standards.
- Now being used in large school districts nationwide.
- Significantly cleaner than conventional fuels.
- Fleet costs are 5 to 30 percent less than conventional gasoline.
- Air brake and hydraulic brake options available.

TOOLS AND RESOURCES

Fact Sheet

Demo

Certification

(Marketed by Blue Bird)

MARKETS

Bus Fleets

For more information, visit www.propanetechnology.com

Propane Commercial Mowing: Going Green while Saving Green *continued from page 1*

and outs of commercial mowers:

- Acquisition costs.
- Operating costs.
- Tanks.
- Emissions.
- Service schedules.
- Performance.
- Reliability.

You can take steps to encourage manufacturers, dealers, and consumers to increase the number of propane mowers in your territory. Introduce yourself to both the original equipment manufacturers (OEMs) and their dealer representatives in your territory. Enlist their support as you develop talking points that you can use with potential customers. Talk to your local dealers about carrying a propane model in their store if they don't do so already. Tell

them about your business and the available fueling options.

At the same time, identify commercial mowing fleets in your territory to establish a potential customer base. Good prospects for propane mowers include lawn care and landscape companies, colleges and universities, and municipal, county, and state government agencies. One of the best ways to introduce these new products to potential customers is to hold demonstrations showcasing the propane mower's performance capabilities. These demonstrations help you establish a relationship with future propane consumers.

Fleet customers rely on their mowers to perform, and they won't begin buying them in great numbers until they're convinced that the



mowers can be an efficient and economical component of their greening campaign. Helping them reach that point will add gallons to your business.

For more information on commercial mower product availability, visit the PERC website www.usepropane.com/mowers or call Brian Feehan at (202) 452-8975.



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PROPANE MARKETER COMPLIANCE

NEWSLETTER

PROPANE
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INSIDE THIS ISSUE

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Do you have compliance issues or concerns that are of particular interest to you and that would be helpful to others in the propane industry if covered in this newsletter?

Send your feedback to PERC's Stuart Flatow at stuart.flatow@propanecouncil.org or (202) 452-8975.



www.npga.org

Proposed Rules for Propane Pipeline Integrity

In the June 25, 2008, issue of the *Federal Register*, the Pipeline and Hazardous Materials Safety Administration (PHMSA) published a notice of proposed rulemaking (NPRM) under the title "Pipeline Safety: Integrity Management Program for Gas Distribution Pipelines."

Integrity management (IM) is a system of safety processes designed to do the following:

- Assess potential threats to pipeline facilities (such as corrosion, mechanical damage arising from the pipeline operating environment, or third-party damage).
- Identify risks to persons, property, or the environment posed by pipeline rupture or other incidents.

- Monitor the physical condition of pipeline facilities.
- Identify ways to mitigate or eliminate risks to the safety and integrity of the pipeline.

On December 1, 2000, PHMSA issued IM program regulations at 49 CFR 195.452 for hazardous liquid pipeline operators with more than 500 miles of hazardous liquid pipeline. On January 16, 2002, the IM program regulations were extended to operators with fewer than 500 miles of hazardous liquid pipeline. On December 15, 2003, PHMSA issued IM program regulations for gas transmission pipelines at 49 CFR 192, subpart O. Extending IM program requirements to gas distribution

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The notice of proposed rulemaking contains these specific regulations that are proposed for propane pipeline operators:

§ 192.1019 What must a master meter or liquefied petroleum gas (LPG) operator do to implement this subpart?

(a) *General.* No later than [INSERT DATE 18 MONTHS AFTER PUBLICATION OF THE FINAL RULE IN THE *Federal Register*] the operator of a master meter or a liquefied petroleum gas (LPG) gas distribution pipeline must develop and fully implement a written IM program. The IM program must contain, at a minimum, elements in paragraphs (a)(1) through (a)(5) of this section. The IM program for these pipelines should reflect the relative simplicity of these types of systems.

- (1) Infrastructure knowledge. The operator must demonstrate knowledge of the system's infrastructure, which, to the extent known, should include the approximate location and material of its distribution system. The operator must identify additional information needed and provide a plan

for gaining knowledge over time through normal activities.

(2) Identify threats. The operator must consider, at minimum, the following categories of threats (existing and potential): corrosion, natural forces, excavation damage, other outside force damage, material or weld failure, equipment malfunction and inappropriate operation.

(3) Identify and implement measures to mitigate risks. The operator must determine and implement measures designed to reduce the risks from failure of its pipeline system.

(4) Measure performance, monitor results, and evaluate effectiveness. The operator must develop and monitor performance measures on the number of leaks eliminated or repaired on its pipeline system and their causes.

(5) Periodic evaluation and improvement. The operator must determine the appropriate period

for conducting IM program evaluations based on the complexity of its system and changes in factors affecting the risk of failure. An operator must re-evaluate its entire program at least every five years. The operator must consider the results of the performance monitoring in these evaluations.

(b) *Records.* The operator must maintain, for the useful life of the pipeline, the following records:

- (1) A written IM program in accordance with this section;
- (2) Documents supporting threat identification; and
- (3) Documents showing the location and material of all piping and appurtenances that are installed after the effective date of the operator's IM program and, to the extent known, the location and material of all pipe and appurtenances that were existing on the effective date of the operator's program.

proposed rules...continued from page 1

pipelines will complete the development of regulations mandated by Congress.

In the notice of proposed rulemaking, PHMSA said, "We believe IM regulations for master meter and LPG [liquefied petroleum gas] operators should be limited because these systems are simple and seem

to pose relatively little risk." A specific request for comments related to simplified propane and master meter pipeline IM requirements is part of the proposed rules announcement.

The public comment period on the proposed regulatory changes ended September 23, 2008.

Survey: DHS Says Most Propane Marketer Sites Are Not In High-Risk Tier

The results of a survey conducted by the National Propane Gas Association (NPGA) to gauge the impact that Chemical Facility Anti-Terrorism Standards (CFATS) regulations would have on propane marketers indicate that the U.S. Department of Homeland Security (DHS) has classified most propane marketer facilities as low-risk sites. Coming after the mandatory online filing of DHS Chemical Security Assessment Tool (CSAT) top-screen questionnaires completed in January by propane marketers, the NPGA survey revealed the following:

- Respondents reported submitting top-screen questionnaires for 5,025 facilities.
- Of those 5,025 facilities, only 153 facilities were placed by DHS in a risk-based tier, according to the survey respondents.
- About 97 percent of propane facilities are exempt from the regulations.
- A facility's proximity to the nation's capital, critical infrastructure, or population centers appears to be a better predictor of its risk classification than the amount of propane stored there.

Help for Voluntary Hazmat Transport Security Programs

Federal regulations require propane marketers to have programs to ensure the security of hazardous materials during transportation and to incorporate transportation security training into their hazmat employee training programs.

The regulations require initial hazmat employee training for new employees performing hazmat transportation functions or existing employees performing newly assigned hazmat transportation functions. Hazmat employees must receive training every three years, and employers must maintain a written record of that training.

On its website (www.tsa.gov), under the title "Hazmat Motor Carrier Security Self-Assessment Training Program," the Transportation Security Administration offers a series of planning tools and training aids for voluntary use by hazmat motor carriers. Downloadable tools include a self-assessment training program, a list of applicable hazmat regulations, and booklets for security managers, instructors, and drivers.

Small Business Definition for Propane Marketers Is Finalized

As of August 22, 2008, the definition of a small business for propane marketers is based on the number of employees (50 or fewer) rather than on total sales receipts. Before the change in the definition, any marketer with \$6.5 million total receipts or more was not eligible for the small business designation.

Propane marketers in the small business category enjoy a number of benefits, including reduced PHMSA hazmat fees and assistance with OSHA compliance and other regulatory obligations under the Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA).