

SustainableMemo

www.ima-net.org



A newsletter of the Illinois Manufacturers' Association

November 10, 2011

BRIEFLY

Greenhouse Gas Reporting Rule updates

On August 4, 2011, USEPA issued proposed technical corrections, clarifications and other amendments to seven subparts under the Greenhouse Gas Reporting Rule.

In general, this proposal does not change the overall requirements of the final rule. It does clarify the requirements and ensures consistency across the calculation, monitoring and data reporting requirements for the rule. In addition, EPA is also proposing a limited, one time extension of the 2012 reporting deadline for reporting GHG information for subparts required to start collecting data in 2011. This extension would allow sufficient time for stakeholder testing of the online reporting tool for these new source categories. The six-month deadline extension applies only to specific subparts. For more information visit <http://www.epa.gov/climatechange/emissions/technical-corrections.html#2011>.

Enviro-tip of the month . . .

eCycle — take your old computers or other electronics to a local recycling center. This helps keep lead, cadmium, and other substances out of the landfill. Find eCycling centers near you. Visit: <http://www.epa.gov/ecycling>.

November 15 is America Recycles Day.

Sustainable Memo is published quarterly for IMA members by the Illinois Manufacturers' Association, 1211 W. 22nd St., Ste. 620, Oak Brook, IL 60523, 630-368-5300.

Editor: Stefany Henson (shenson@ima-net.org).

Reproduction of all or any part is prohibited except by permission of authorized IMA personnel.

Electronics manufacturers: Are you ready for new recycling and reuse requirements?

Electronics manufacturers that sell products in Illinois face new recycling requirements and fines for potential violations under a major overhaul of the Electronic Products Recycling and Reuse Act (the "Act") that Governor Quinn signed into law on August 10th.

Electronic products are the fastest growing portion of the solid waste stream. As consumers keep up to buy the newest gadgets on the market, many consumers do not use electronics recycling programs and instead try to dispose their obsolete electronics in their regular household trash. In 2007, three million tons of electronic products became obsolete, but only 14 percent of those products were recycled. The problem is that many of these products contain lead, mercury, cadmium, hexavalent chromium, and other materials that may pose a risk if sent to a normal landfill.

The Act was designed to establish a statewide system for recycling or reusing electronic products discarded from residences by requiring electronic manufacturers to participate in the management of discarded and unwanted electronic products. In general, the Act requires that manufacturers of electronics (1) register with the Illinois Environmental Protection Agency ("IEPA"), (2) recycle or reuse a certain percentage of electronics sold in Illinois, (3) submit a yearly report to IEPA on its recycling and reuse efforts, and (4) maintain consumer education programs designed to inform customers of proper disposal policies for electronic products. Starting January 1, 2012, the Act bans the disposal of certain electronic products in landfills.

Senate Bill 2106, sponsored by Senator

Susan Garrett (D-Lake Forest) and Representative Daniel Bliss (D-Evanston) expands the types of electronics sold at retail that are subject to the Act. The electronics covered by the act now include: computers (including tablet computers), computer monitors, televisions, printers, electronic keyboards, facsimile machines, video cassette recorders (VCRs), portable digital music players, digital video disc players (DVDs), video game consoles, electronic mice, scanners, digital converter boxes, cable receivers, satellite receivers, digital video disc recorders (DVRs), and small-scale servers.

The new law increases recycling and reuse requirements for manufacturers of these products that are sold in Illinois. In 2012, manufacturers will be required to recycle or reuse 40 percent of the total weight of the electronic products they sold in 2010. In 2013 and beyond, manufacturers will be required to recycle or reuse 50 percent of the total weight of the electronic products they sold during the calendar year two years before the applicable program year. To determine the manufacturer's annual recycling or reuse goal, the manufacturer must use its own Illinois sales data or its own national sales data proportioned to Illinois' share of the U.S. population.

The new law also increases the civil penalty for violations of the Act from \$1,000 to \$7,000 for each violation. An additional civil penalty not to exceed \$1,000 is also imposed for each day the violation continues.

IEPA will now have additional enforcement authority. For example, IEPA will

See **RECYCLING**, page 2

IMA'S SUSTAINABLE MEMO IS UNDERWRITTEN BY:



Constellation Energy®

The way energy works.®

RECYCLING, *continued from page 1*

now have the authority to enforce the Act by administrative citation. This streamlines the enforcement process because, prior to this change, IEPA could only refer violations of the Act to the Attorney General for enforcement. To challenge an administrative citation issued by IEPA, manufacturers must file a petition with the Illinois Pollution Control Board for review within 35 days after being served with a copy of the citation. If the manufacturer fails to file a petition, the manufacturer will be deemed to have violated the Act and the appropriate civil penalty will be imposed.

In addition to enforcement and the imposition of fines, IEPA publishes on its website a list of manufacturers of electronics that failed to register, file complete reports, or meet recycling and reuse requirements.

With this new law, electronics manufacturers can expect more and quicker enforcement of recycling and reuse requirements. IEPA no longer has to request that the Attorney General take action before enforcement can begin. Instead, IEPA can issue its own administrative citations. Electronics manufacturers should develop a plan to prepare for the upcoming January 1, 2012 landfill ban as well as the changes to the recycling and reuse requirements contained in the new legislation.

Author David Scriven-Young is a litigation and environmental attorney in the Chicago office of Peckar & Abramson, PC. He also authors the Illinois Environmental Law Blog (<http://IllinoisEnvironmentalLaw.com>). David can be reached at dscriven-young@peckar-law.com or 312-239-9722. Peckar & Abramson, PC, is an IMA member company.

Green your energy profile while reducing energy costs

Renewable Energy Certificates (RECs)

Did You Know? One available means to incorporate renewable energy into an energy portfolio is through the purchase of RECs.

RECs are designed to recognize the environmental attributes of renewable energy such as solar, wind, hydro and biomass.

REC purchases support the operation and financing of renewable energy and lessen our dependence on fossil fuel generation. The most immediate environmental impact is the avoidance of harmful chemicals and greenhouse gases that would have been released into the atmosphere by fossil fuel generated sources. Manufacturers tend to be interested in carbon footprint reduction goals. A REC purchase is a great way to reduce your carbon footprint.

Watch your inbox for an email invite to learn the energy market factors that are impacting your energy prices. By attending this webinar you will learn:

- How the financial turmoil is affecting energy market prices;
- EPA emissions standards — update, analysis and insight, and how they might affect energy prices, grid reliability and the evolving U.S. generation fleet; and
- Power and natural gas supply and demand for 2011 and 2012 — analysis that will help you better manage your costs.

For more details about how Constellation Energy can assist you with your sustainable energy solutions visit constellation.com/ima.

More than \$5 million in Federal grants to help Illinois businesses go green, create jobs

More than \$5 Million in federal grants have been awarded to Illinois to help businesses implement green technology and create jobs.

Illinois Department of Commerce and Economic Opportunity (DCEO) Director Warren Ribley announced today the federal stimulus funds will be used to purchase business equipment and retool to expand into the green sector. Director Ribley says the green industry is a growing employment sector that will be critical to economic recovery. He says by helping businesses go green, they will be creating jobs, strengthen the economy, and helping businesses grow.

The Green Industry Business Development Grants are being funded under the American Recovery and Reinvestment Act and are part of the State Energy Plan. The funding will help five Illinois businesses create and retain nearly 200 jobs. The project cities include Decatur, Rockford, Vernon Hills, Carol Stream, and Chicago. This is the second round of Green Industry Business Development Grants awarded to Illinois businesses; the first round resulted in more than \$42.1 million in awards to 21 businesses.

Constellation Energy offering residential electricity service for your employees

We know that you are always looking for ways to reward your hard-working employees. They are dedicated workers who deserve the best. We have a new opportunity through Constellation Energy that we think you will want to pass along to them.

Constellation, a long-time IMA affinity partner and our endorsed energy supplier, has been providing Illinois businesses cost-effective electric service for more than a decade. They now offer residents in ComEd and Ameren service areas in Illinois the same reliable service and, more importantly, a true choice in electricity providers.

Similar to choosing cellular service, cable or other providers, Illinois residents are now able to comparison shop for residential electrical service. We believe this is a positive development for your employees and their families.

The plans that Constellation is offering to Illinois residential customers include a low home electricity rate, Green energy options and a Constellation Visa® prepaid card. For details and restrictions, interested employees can log onto home.constellation.com and enter member promo code IMAOffer11, or call 866-698-9307. The employee should have a copy of their current electric bill in hand.

Constellation is the exclusive supplier to the IMA for this program, and for every employee who signs up, Constellation will pay a small donation to the IMA to further our efforts on behalf of our members. This donation will not impact the employee's price in any way.

We encourage you to explore this offering and consider sharing it as a benefit for your employees and their families.

For more information on the offering itself, please contact Mark Frech, IMA Executive VP & Secretary, by email at mfrech@ima-net.org, or telephone 800-875-4462, ext. 3022.

Visit the New Energy blog from Constellation Energy . . .

Join in discussions on shaping the future of energy



Constellation Energy

The way energy works.®

<http://blogs.constellation.com/energy4business/>

the Illinois Manufacturers' Association endorsed energy supplier . . . for all your energy needs

Clean Energy Challenge applications open for Midwest business competition

Early-stage businesses and student competitors vie for \$250,000 in prizes

The Clean Energy Trust (CET) has announced that applications are now being accepted for the 2012 Clean Energy Challenge, a clean energy business competition supported by the U.S. Department of Energy Office of Energy Efficiency and Renewable Energy.

Cash prizes totaling \$250,000 will be awarded to the best early-stage companies and student-led Midwest businesses with the potential to bring new clean energy technology to the marketplace.

The inaugural competition, held earlier this year, drew more than 70 applications from Illinois companies working in all aspects of clean energy. The 2012 competition expanded to include businesses from Illinois, Indiana, Kentucky, Michigan, Minnesota, Missouri, Ohio and Wisconsin and now features a Student Challenge, which is being heavily promoted to universities throughout the region.

"The first Challenge delivered so many outstanding companies, many of which have gone to receive venture funding. This year we expect strong applications generated from business accelerators across the region," said Amy Francetic, Clean Energy Trust executive director. "There are a number of viable clean energy businesses that can, with the right exposure and assistance, grow into sustainable companies."

Finalists will present their business plans to a panel of judges including venture capitalists, corporations and business leaders at an all-day event on March 1st at the Spertus Center in Chicago. Semi-finalists in both categories — early stage companies and student teams — will be matched with sector experts and experienced entrepreneurs to prepare for the March 1st event.

CET and its anchor partners are collaborating with leading energy accelerators and top-tier Midwestern universities and research institutions to expand the Challenge throughout the region. The Student Challenge winner will receive a \$100,000 grand prize and go on to compete at the Department of Energy national student competition in Washington DC.

The application portal closes

December 5, 2011. For more information on application procedures and eligibility go to the Clean Energy Trust website, www.cleanenergytrust.org.

The Clean Energy Trust was founded by prominent business and civic leaders to

accelerate the pace of clean energy innovation in the Midwest. The Trust is supported by grants from the U.S. Department of Energy, the Illinois Department of Commerce and Economic Opportunity, the Joyce Foundation, the Chicago Community Trust, the Small Business Administration and donations from over 50 investors, corporations, universities and trade groups. For more information, visit www.cleanenergytrust.org.

DOE's Office of Energy Efficiency and Renewable Energy invests in clean energy technologies that strengthen the economy, protect the environment, and reduce dependence on foreign oil. Source: Clean Energy Trust.

Is greener air travel on the horizon?

Technological progress is impossible to predict, but it's safe bet that we won't be flying solar- or wind-powered airplanes anytime soon. So the best hope of flying without emitting large volumes of greenhouse gases lies with biofuels.

There's good news on bringing biofuels to the air. Alaska Airlines will fly 75 commercial passenger flights in the U.S. powered in part by biofuels. "This is a historic week for aviation," declared Alaska Air's CEO, Bill Ayer, in a press release. Today (Nov. 7), United Airlines makes the first U.S. commercial flight using an advanced biofuel made from algae, according to Reuters.

But — and you knew there would be a but — biofuels remain way too expensive to replace jet fuels today. And, biofuels remain controversial, of course. The U.S. Senate, in a symbolic vote, overwhelmingly expressed support last summer for an end to massive corn ethanol subsidies, in what the NRDC's Nathanael Greene called "a victory for taxpayers and the environment."

United Airlines, meanwhile, is using biofuels to power a flight from Houston (oil country!) to Chicago. According to *Biofuels Digest*, the fuel produced by Solazyme is a 40/60 blend of sustainable biofuel and traditional petroleum-derived jet fuel.

To read this entire article, go to http://www.greenbiz.com/blog/2011/11/07/greener-air-travel-horizon?utm_source=GreenBuzz&utm_campaign=173445f4a8-GreenBuzz-2011-11-08&utm_medium=email.

GreenBiz.com Senior Writer and author of this article Marc Gunther is a longtime journalist and speaker whose focus is business and sustainability. Marc maintains a blog at MarcGunther.com. You can follow him on [Twitter](https://twitter.com/marcgunther) at [@marcgunther](https://twitter.com/marcgunther). Source: GreenBiz.com

DATES OF NOTE

More information/events may be found at <http://www.ima-net.org/calendar.cfm> and <http://www.ima-net.org/MIT/open.cfm>
Email: jstanley@ima-net.org

November 10, 2011

IMA SALES TAX SEMINAR, Northern Illinois University — Naperville, 8:30 am-12:30 pm

IMA's Annual Sales Tax Seminar presented by IMA-member Wolf & Company. For more information, visit <http://www.ima-net.org/storage/Reg%20form.pdf>.

November 11, 2011

Effective Presentation Skills

DePaul University O'Hare Campus, 8770 W. Bryn Mawr Ave., Chicago

Participate in this dynamic workshop to learn the key skills of effective presenters that are a "must" for today's successful business professionals. Learn how to transform your ideas and visions into influential presentations that deliver a message with impact. Session begins at 9:00 a.m. and ends at 5:00 p.m., with a one hour lunch break. Lunch is "on your own." Visit <http://www.ima-net.org/nov-11-mit-effective-presentat/> for more information or to register.

December 2, 2011

IMA Annual Luncheon — Hotel InterContinental, Grand Ballroom

505 N. Michigan Ave., Chicago

Breakout Sessions: 9:30-11:00 am. Reception & Exhibits: 10:30 am-Noon; Lunch: Noon-2:00 pm; Keynote speaker: Jeff Thredgold, CSP, Economic Futurist. Register today at <http://www.ima-net.org/dec2-2011-annual-luncheon/>.

January 18, 2012

IMA Breakfast Briefing: The Obama Labor Board and It's Impact on Manufacturers

Mon Ami Gabi, Oak Brook Center Mall, Oak Brook, 8:00-11:00 am

The Obama Labor Board is attempting a fundamental re-examination of the legal framework for labor-management relations in the United States. Everything from Quickie Elections, Union Organizing Activities, Collective Bargaining, Employee rights within and outside the work place, Management Rights and more are under scrutiny. Manufacturers are being impacted, union and non-union workplaces alike. Learn about the evolving new direction of the NLRB and its Obama majority. Presenters from Chicago-based law firm Vedder Price PC will discuss and answer questions. For more information or to register, visit <http://www.ima-net.org/ima-breakfast-briefing-011812/>.

February 23, 2012

IMA Breakfast Briefing: Gaining Supply Chain Advantages through Superior Payment Practices, Mon Ami Gabi, Oak Brook Center Mall, Oak Brook, 8:00-11:00 am

Roberta Tamburrino, VP, Transportation Solutions Sales for U.S. Bank, will discuss topics such as: Supply chain challenges for 2012 and beyond – focus on payment challenges; New payment models that drive cost savings and process efficiencies; and How best practices in payment can result in improved carrier relationships, lower overall costs (including rates) and better business intelligence. For more information or to register, visit <http://www.ima-net.org/feb23-2012-breakfast-briefing-s/>.