

NATIONAL ENERGY ISSUES TO WATCH:

- The Alliance to Save Energy (ASE) Urges Support for Bill with Incandescent Phase-Out and Replacement Provisions** - H.R. 6, the Energy Independence and Security Act represents some of the most comprehensive energy legislation in 30 years. Among many parts for consumers and businesses, the legislation proposes tax credits for plug-in vehicles and fuel economy standards of 35 MPG for automobiles by 2020. Most importantly for general consumers and the solid state lighting industry, the legislation proposes a phase-out (not ban) of 40-, 60-, 75-, and 100-watt incandescent bulbs from January 2012 to January 2014. www.sslighting.net
- US House OKs Major Energy Efficiency, Renewable, Biofuels Bill** - Despite a veto threat from the White House, the U.S. House of Representatives Thursday passed a comprehensive energy bill that will fundamentally change the way the country is fueled, impacting nearly every sector in the industry. The 1,055-page Energy Independence and Security Act - which passed on a 235 to 181 vote - will now head to the Senate for approval though its chances in that chamber are less sure as several controversial measures may mean it won't be able to muster enough votes. 12/06 Dow Jones
- Senate Vote Stalls Energy Bill, Changes Planned** - The sweeping energy bill that passed the House yesterday stalled in the Senate this morning as Democrats failed to break a filibuster, a vote that will likely prompt negotiations to scale back or cut controversial tax and renewable power provisions. The Senate voted 53-42, but 60 votes were needed to proceed toward a final vote. Three Democrats sided with the GOP against the bill; five Republicans voted in favor. www.eenews.net
- Only One Month Left for Consumers to Capitalize on Home Energy Efficiency Improvement Tax Credit** - U.S. homeowners have just one month to utilize a soon-to-expire federal tax credit aimed at encouraging home energy efficiency. The tax credit, created by the Energy Policy Act of 2005, allows for a tax credit of up to 10 percent of the cost of materials for certain home improvements, including installing ENERGY STAR®-qualified windows, attic insulation or air sealing products. This part of the act, which offers a tax credit of up to \$500 per household, was not extended by Congress this year. 11/29 Business Wire
- Veolia Becomes the First Company to Offer CFL Recycling Through the Mail** - Veolia Environmental Services is pleased to announce that its RECYCLEPAK® containers for compact fluorescent lamps (CFLs) can now be shipped via the United States Postal Service (USPS). This new development will make it easier than ever for consumers to recycle CFLs! RECYCLEPAK® can be purchased online at www.prepaidrecycling.com
- Report: Efficiency Could Cut Growth in U.S. Energy Use in Half** - An aggressive pursuit of energy efficiency in the United States over the next 18 years could cut the nation's growth in energy use by 50% or more, according to a new report. The report, "Vision for 2025: Developing a Framework for Change," was prepared by the National Action Plan for Energy Efficiency Leadership Group, which comprises more than 60 leading organizations, with DOE and the U.S. Environmental Protection Agency (EPA) acting as facilitators. The report sets a goal of achieving all cost-effective energy efficiency improvements throughout the United States by 2025. If that goal is achieved, the nation will spend \$100 billion less for energy in 2025 than it would otherwise and will avoid emitting 500 million metric tons of carbon dioxide per year. The nation will also achieve \$500 billion in net savings from its energy efficiency investments. www.epa.gov/cleanenergy/actionplan/report.htm
- Report Finds Major Economic Benefits to Efficiency, Renewables** - The U.S. renewable energy and energy efficiency industries created jobs for 8.5 million people in 2006, while generating more than a trillion dollars in sales, \$100 billion in profits, and \$150 billion in increased federal, state, and local government tax revenues, according to a new report from the American Solar Energy Society (ASES). The report notes that it's difficult to define the energy efficiency industry, but even focusing on the renewable energy industry, it found 196,000 people directly employed by the industry, a total of 452,000 jobs created, and revenues of \$39.2 billion in 2006. http://www.ases.org/press/2007_jobs_report.htm
- LED Market for General Lighting to Reach \$1.4 Billion in 2012 According to Research Firm, Databeans** - A market research company, Databeans, has released its November 2007 Solid State Lighting report. The company points out that while the lighting market is an enormous \$100 billion industry with little change in technology for decades, a revolution in the lighting industry is underway. Databeans cites the restructuring of GE one of the oldest and most renowned lighting companies to shift its production to more energy efficient lighting, noting that two major lighting companies, GE and Philips, have begun shifting their concentration to solid state lighting. 11/27 LIGHTimes

NATIONAL ENERGY ISSUES TO WATCH (continued):

9. **CFL Juggernaut Rolls On** - With Wal-Mart Stores' announcement early in October that it had already surpassed its goal of selling 100 million compact fluorescent light (CFL) bulbs by the end of 2007, the home improvement industry showed that sustainability programs were more than just talk. The achievement was evidence that green means business, literally. The CFL goal was just one step in the company's Sustainability 360 approach toward becoming more "green." The company said the five states with the top CFL sales were Texas, Florida, California, Illinois and Ohio. Home Depot launched its Eco Options program earlier this year. The program highlights the products sold by Home Depot that are eco friendly, including woods, insecticides, programmable thermostats and CFL bulbs. The company sold more than 50 million CFL bulbs in 2006. CFL bulbs are Ace Hardware's fastest growing category, showing a 200 percent growth in 2007, according to Santo Lee, Ace buyer for electrical. Lee added that CFLs account for 25 percent of the bulbs sold across Ace stores. 10/29 HCN

10. **Wal-Mart Releases Sustainability Report** - Wal-Mart released a comprehensive report on its sustainability efforts Nov. 15, outlining the company's initiatives to improve the environment, health care, diversity, sourcing and highlighting the work of its foundation. The report states that Wal-Mart is committed to three main environmental sustainability categories:

Energy

- Existing stores 20 percent more efficient in seven years
- New stores 30 percent more efficient in four years
- Fleet 25 percent more efficient in three years, double in 10 years

Waste

- 25 percent reduction in solid waste in three years
- All private brand packaging improved in two years

Products

- 20 percent of the company's supplier base aligned with its sustainability goals in three years
- Preference given to aligned suppliers in two years

This companywide emphasis on sustainability is called "Sustainability 360." The company said that it has invested \$500 million per year to reach its goals. 11/19 HCN

11. **Renewables Research to Get Boost From Google Goal to Oust Coal** - Google plans to spend hundreds of millions of dollars in coming years to make electricity from renewable sources cheaper than that generated from coal. The company's philanthropic branch, www.google.org will fund research in technologies, invest in new companies and conduct its own research and development. The firm will hire up to 30 energy experts, engineers and others in the next year or two. 12/06 California Energy Markets

12. **Report: The World Must Help China and India Handle Energy Growth** - Energy developments in China and India are transforming the global energy system as a result of their sheer size, according to a new report from the International Energy Agency (IEA). The IEA's "World Energy Outlook 2007" warns that global energy consumption could increase "well over 50%" by 2030. Energy use in China and India could double by 2030, providing nearly half the world's growth in energy consumption. If that happened, global carbon dioxide emissions from energy use would increase by 57%. The world's oil production would also be increasingly concentrated in the Middle East, and the IEA notes that "it is very uncertain" whether supplies would keep up with demand. Fortunately, the IEA also sees the possibility for a brighter energy future. Measures to improve energy efficiency could cause global carbon dioxide emissions to level off in the 2020s. http://www.iea.org/Textbase/press/pressdetail.asp?PRESS_REL_ID=239

13. **Environment America Commends States as "America's Clean Energy Stars"** - Building on recent progress in Colorado and Rhode Island to expand gas and electric company energy efficiency programs, Environment America is promoting dramatic increases in electric and gas utility programs in Michigan, Pennsylvania, New Jersey, Connecticut, Massachusetts and Maine. They are promoting expanded energy efficiency standards in Wisconsin, Illinois, Michigan, North Carolina, Pennsylvania and New Hampshire. And are working to make buildings much more efficient in New Mexico and New Jersey.

<http://www.environmentamerica.org/>



STATE ENERGY ISSUES TO WATCH:

14. **NYC Unveils Plan to Build City's First Green School** - New York City Mayor Michael Bloomberg announced a plan on Tuesday to build a new elementary/ middle school, the city's first-ever entirely "green" public school, in Lower Manhattan. Construction, which is expected to begin in June 2008, will adhere to environmental guidelines according to Local Law 86 and the New York City Green Schools Rating System. The new school will reduce energy costs by at least 25 percent through the use of day lighting in all instructional rooms, energy-efficient lighting controlled by occupancy sensors, increased insulation in the exterior walls, carbon-dioxide sensors in large common spaces, and photovoltaics. Construction is expected to be completed by September 2010. The new school is being designed by Dattner Architects. 11/13 Comtex
15. **GE Energy Solar Technology to Help Light Rockefeller Center Christmas Tree** - GE Energy has supplied 363 roof-mounted solar panels at the top of 45 Rockefeller Plaza in New York City that will help generate electricity for the first solar powered Rockefeller Center Christmas Tree. The 84-foot-tall Norway spruce is decorated with 30,000 new energy-efficient LED lights, on five miles of wire, which will help illuminate Rockefeller Center with a cleaner source of holiday power. 11/28 Business Wire
16. **NYC to Cut 30 Percent Municipal Energy Consumption by 2017** - New York Mayor Michael R. Bloomberg on Wednesday announced a plan to begin reducing energy consumption and greenhouse gas emissions from the city's municipal buildings and operations by 30 percent by 2017. The 10-year plan includes 132 projects throughout all five boroughs and is expected to reduce greenhouse gas emissions by an estimated 34,000 tons annually. The projects in this plan include lighting replacement and sensor installation; heating, ventilation, and air conditioning improvements; water and sewer equipment upgrades as well as vehicle replacements. 12/05 Comtex
17. **Brooklyn Bridge Light Switch: Energy-Efficient Bulbs on the Way** - One of the nation's oldest suspension bridges is getting a modern makeover: The famous necklace lights on the Brooklyn Bridge will be replaced with energy-efficient bulbs. The project is one of several environmental upgrades that Mayor Michael Bloomberg said would soon begin on city facilities. Others include replacing 25,000 street lights and phasing in new hybrid police and fire vehicles. Changing 160 lights on the landmark bridge, which turns 125 years old next year, is expected to cost \$500,000 and result in a savings of 134 tons of greenhouse gases annually. Bloomberg said the switch - from 100-watt mercury vapor lamps to 24-watt bulbs known as light-emitting diodes - would not be noticeably dimmer. Officials said other city bridges that are adorned with lights could follow. The city's short-term plans for greening building operations include replacing interior lighting in schools, police precincts, sanitation garages, firehouses and other municipal office buildings. 12/06 AP
18. **Rutgers to Save Energy** - Rutgers University, which is a public university, is planning to save energy with a big program. Included: Use of alternative fuels (including biodiesel) for campus vehicles, a solar PV farm, and a five-year program to replace lighting fixtures with more energy-efficient bulbs in some 600 buildings in New Brunswick, N.J. 12/05 TED
19. **PSE&G Proposes Innovative Programs to Conserve Energy and Cut Carbon Emissions** - Public Service Electric and Gas Company (PSE&G) today unveiled new carbon abatement programs designed to curb customers' energy consumption, and result in lower customer bills and a meaningful reduction in carbon dioxide emissions. In a filing with the New Jersey Board of Public Utilities (BPU), the company proposed to provide energy-saving measures such as home energy audits, programmable thermostats, attic insulation and high-efficiency lighting upgrades through the implementation of six pilot programs. The proposal, if approved by the BPU, would enable the utility and regulators to determine the best way to implement broader initiatives to reach the state's aggressive carbon reduction goals. Additional information can be found on <http://www.pseg.com/> 12/06 PRNewswire
20. **PSE&G Distributes 100,000 Energy Efficient Light Bulbs** - To encourage its customers to take concrete steps to conserve energy and fight climate change, PSE&G announced today that it will begin distributing 100,000 energy efficient light bulbs throughout its service territory. Under the utility's "Switch and Save" campaign unveiled during a news conference in Newark, customers who visit PSE&G's 16 Customer Service Centers to meet with a service representative will be given an ENERGY STAR certified compact fluorescent light bulb (CFL). The bulbs will also be distributed by PSE&G's appliance service technicians when they make a service call, as well as electric delivery employees who interact with customers on a daily basis. http://www.pseg.com/media_center/pressreleases/articles/2007/2007-11-19.jsp
21. **Progress Energy Outlines Plan for Energy Efficiency in the Carolinas** - Progress Energy Carolinas filed a comprehensive energy efficiency plan today with the North Carolina Utilities Commission and the Public Service Commission of South Carolina as part of the company's strategy for meeting growing demand in the Carolinas. Implementation of these programs will begin in 2008, and Progress Energy will expand them as new technologies become available and as customer interest and participation increase. In addition, the company launched an educational campaign called Save the Watts which features a highly interactive Web site www.savethewatts.com with program details and useful tips for customers to save energy. 12/03 PRNewswire

STATE ENERGY ISSUES TO WATCH (continued):

22. **Utility Discounts Light Bulbs to Gauge Energy Efficiency Interest** - Progress Energy Carolinas is trying to gauge the public's interest in energy efficiency by discounting compact fluorescent light bulbs by \$1 each. The discount can cut the cost of a compact fluorescent by more than half. The program started Oct. 1 and so far, the utility has sold 170,000 bulbs through local Home Depot stores. The goal is 200,000 by the end of the year. 12/04 AP
23. **Alternative Energy Could Mean New Manufacturing Jobs for Michigan** - Michigan is uniquely positioned to turn parts of its ailing automotive sector into a manufacturing center for alternative energy equipment, whether it's wind turbines, solar cells or waste recycling, Gov. Jennifer Granholm says. Granholm hopes renewable energy will be the key to helping Michigan claw its way back from a bust economy to a booming one. She wants to gain enough renewable energy jobs to replace the hundreds of thousands of manufacturing jobs - mostly in the auto industry - lost since 2000. 12/06 AP
24. **Clinton Climate Initiative Yields New Energy Efficiency Pacts** - CCI announced early this month that it has formed several new partnerships to improve the energy efficiency of buildings in Chicago, throughout the United States, and globally. In Chicago, Illinois, the CCI Energy Efficiency Building Retrofit Program will work with the city government to complete energy audits and energy efficiency upgrades on the Sears Tower and the Merchandise Mart, which is the world's largest commercial building. EERE
25. **Statewide Effort to Promote Energy Efficiency** - A statewide initiative promoting energy efficiency has been formed and includes the state's energy providers and the South Dakota Public Utilities Commission. South Dakota Energy Smart partners include the PUC, Black Hills Power, MidAmerican Energy Company, Montana-Dakota Utilities, NorthWestern Energy, Otter Tail Power Company, Xcel Energy, Heartland Consumers Power District, Missouri River Energy Services, the South Dakota Municipal Electric Association, and the South Dakota Rural Electric Association. www.sdenergysmart.com 12/01 AP
26. **TXU Energy Announces Winter Energy Conservation Program - Holiday Cents** - Consumers no longer have to pull the plug on holiday celebrations to conserve energy and money during the holiday season. TXU Energy's one-of-a-kind winter energy conservation program - Holiday Cents - educates consumers on ways to cook efficiently, decorate sensibly and keep the cold air out during the winter holiday season. TXU Energy community relations managers will travel the state providing educational energy conservation information and handing out TXU Energy LED night lights to thousands of consumers through numerous community events with local partnering organizations. The Holiday Cents tour will cover various cities including Dallas, Fort Worth, Odessa, Houston, Corpus Christi, Tyler, McAllen and others. 11/13 PRNewswire
27. **Texas Mayors Push Light Bulbs as Energy-Saver** - How many mayors does it take sell Texans on a light bulb? Well, five are trying. The mayors of Dallas, Houston, San Antonio, El Paso and Austin held a news conference on Friday to push the use of compact fluorescent light bulbs, saying they'll save residents money and reduce the need for new power plants. 11/30 AP
28. **Energy Efficiency** - Eight utilities serving nearly 20 million customers in 22 states are seeking to increase their collective investment in energy efficiency from \$1.0 billion to \$1.5 billion, according to the Clinton Climate Initiative (as quoted on FacilitiesNet.com). The utilities include Con Edison, Duke Energy, PNM Resources, and Xcel Energy. 12/05 TED

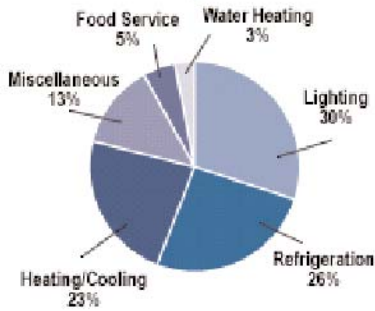
MONTHLY FEATURE:

Today, electricity accounts for about 40 percent of total energy use in a typical business. <http://www.eei.org> provides breakdowns as follows:

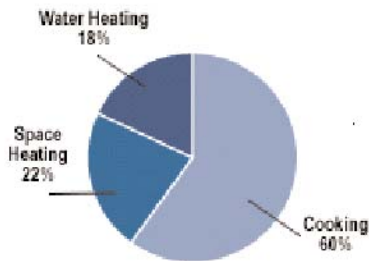


Energy Use in a Typical Restaurant

Electricity Uses

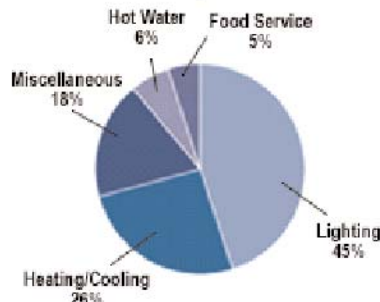


Natural Gas Uses

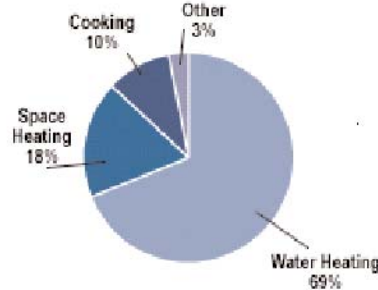


Energy Use in a Typical Hotel

Electricity Uses

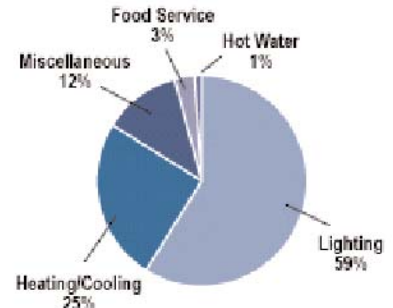


Natural Gas Uses

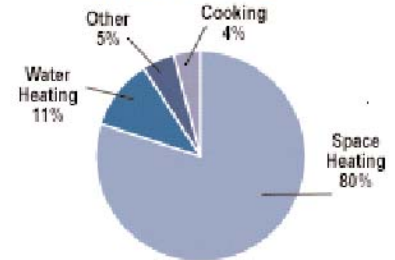


Energy Use in a Typical Health Care Facility

Electricity Uses

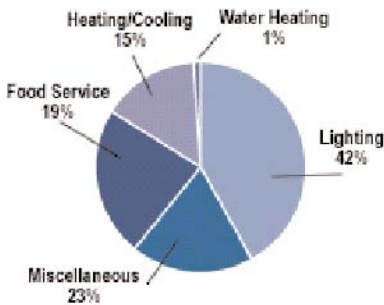


Natural Gas Uses

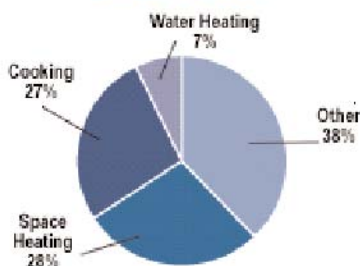


Energy Use in a Typical Convenience Store

Electricity Uses

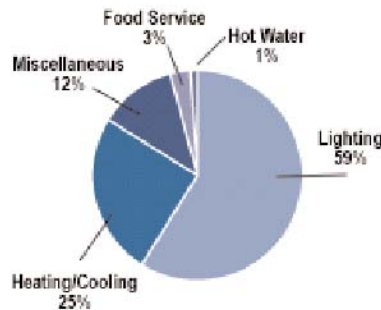


Natural Gas Uses

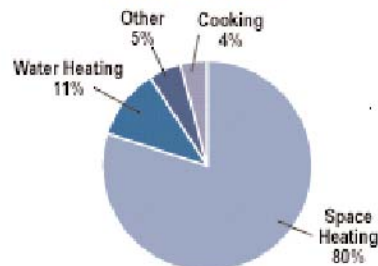


Energy Use in a Typical Retail Business

Electricity Uses



Natural Gas Uses



ENERGY USAGE BY MAJOR SEGMENT:

