



Energy Watch

August 2009

<http://www.attardimarketing.com/energywatch/>

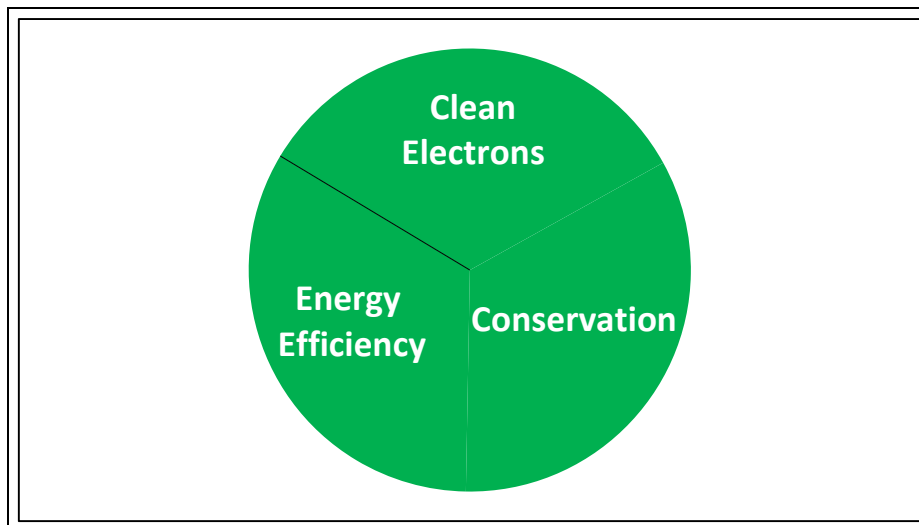
If you don't read the newspaper you are uninformed, if you do read the newspaper you are misinformed. Mark Twain

Friends are the family that we choose for ourselves. Regina Brett

Something to Think About... Hot, Flat, and Crowded by Thomas L. Friedman -

The book alleges we've gone from the "Cold War Era" to the "Energy-Climate Era". ".....in the Energy-Climate Era, "green" is no longer a fad, green is no longer a boutique statement, green is no longer something you do to be good and hope that it pays off in ten years. **Green is the way to grow, build, design, manufacture, work, live,** "because it is just better," said Andrew Shapiro. Green becomes the smartest, most efficient, lowest-cost way – when all the true costs are included – to do things. That is the huge transition we are just beginning to see. Green is going from boutique to better, from choice to a necessity, from fad to a strategy to win, from an insoluble problem to a great opportunity." (page 172)

He talks about a "Clean Energy System" *that will enable ordinary people to do extraordinary things:*



"The more clean electrons we generate, the more growth we can have with fewer emissions. The greater the energy efficiency we bring about, the fewer clean electrons we need to get more growth. The more conservation we promote, the fewer clean electrons and the less energy efficiency we need, and the fewer natural resources we consume, as we grow." (page 195)



Attardi Marketing www.attardimarketing.com

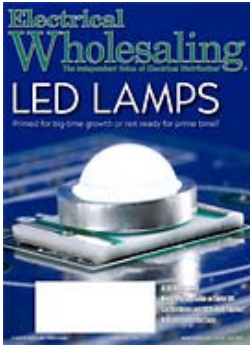
Our business is changing your future...

NATIONAL ENERGY ISSUES TO WATCH.....

- 1. Secretary Chu Announces Nearly \$300 Million Rebate Program to Encourage Purchases of Energy Efficient Appliances** - U.S. Department of Energy Secretary Steven Chu today announced the availability of nearly **\$300 million in funding from the American Recovery and Reinvestment Act for state-run rebate programs for consumer purchases of new ENERGY STAR qualified home appliances.** The new funding will be awarded to states and territories, through their energy offices, using a formula set forth in the Energy Policy Act of 2005. Each state or territory is required to submit a plan that specifies which ENERGY STAR appliance categories will be included in their rebate program, the rebate level for each product type, how the rebates will be processed, and their plan for recycling old appliances. States and territories must first file an initial application expressing their intent to participate by August 15, 2009, followed by a full application by October 15, 2009. For more information on these and other Recovery Act related funding opportunities, visit www.Energy.gov/recovery 07/14 AP
- 2. Securing Stimulus Funds for Electrical Contractors** - “The \$787 billion economic stimulus package provides some **\$65 billion in grants and tax credits for an array of energy projects,**” writes Darrell Delamaide in the July/August issue of Energy Biz magazine. Delamaide describes some of the stimulus-funded energy projects important to utilities, and how those projects will be funded. \$8.7 billion has been allocated for energy efficiency improvements at federal facilities, and \$4.5 billion has been allocated for smart grid projects.
- 3. 2009 Recovery Act Economic Stimulus Funds – Key Contacts and Resources** - Congress passed The American Recovery and Reinvestment Act (ARRA) on February 13 and President Obama signed it into law on February 17, 2009. The ARRA contains significant tax, investment, and spending provisions impacting energy efficiency, Smart Grid, and infrastructure projects. NAED members can now take advantage of information compiled by NEMA (the National Association of Electrical and Medical Imaging Equipment Manufacturers) on the ARRA, better known as the 2009 stimulus package. [Click here](#) to access a pdf containing a **list of websites outlining energy-efficiency incentives and programs.** More information is available through the NEMA Economic Stimulus webpage, www.nema.org/gov/economic-stimulus.
- 4. Integrating Lighting and Building Control by Craig DiLouie** - Building automation systems (BAS) provide automatic control of electrical loads, such as HVAC, lighting and electric motors, and functions not related to energy management, such as security and fire safety systems. Energy management systems (EMS) provide automatic control of electrical loads to manage energy consumption either as a stand-alone system or as part of a BAS. When designing a new building, there are basically two choices:
 - ⚙ **specify lighting, HVAC and other systems as stand-alone control systems; or**
 - ⚙ **specify a single whole-building system that provides all desired functionality.**The whole-building approach has a distinct advantage in that the building operator theoretically can control the entire building’s electrical loads from a single workstation, and not have to learn and use multiple software programs. The disadvantage is traditional EMS do not work well with advanced lighting control inputs and strategies such as daylighting control, occupancy sensing, architectural dimming and networked digital switches.
http://www.aboutlightingcontrols.org/education/papers/2009/2009_integration.shtml



5. ***The Profits and Perils of LEDs*** by Jim Lucy, Chief Editor *Electrical Wholesaling* - Seldom does a



new product technology hit the electrical wholesaling industry with as much potential profit and potential peril as LED lighting. It's hard to believe that the basic technology powering all those tiny green and red indicator lights in VCRs, computer hard drives, exit signs, traffic signals and car tail lights have the potential to one day revolutionize the lighting world. That day hasn't come yet industry-wide, but in some specific lighting niches it's right around the corner. The tricky part for electrical distributors, independent manufacturers' reps and lighting manufacturers is figuring out where and when. As with any new technology, most LED manufacturers are doing everything possible to develop the very best products for the market, but you have some rogue

companies looking to make a quick buck with inferior products and false marketing claims. More than one lighting professional contacted for this article said the LED market is like the Wild West, and all say it's an exciting time to be in the LED market. Cover Story July *Electrical Wholesaling*

6. ***The Full Gain of Net-Zero*** by Jeff Gavin - In the drive for energy-efficient buildings, perfection is net-zero energy. Such tightly constructed buildings also produce their own energy, ultimately offsetting the energy they expend. Some produce more than they use and can sell the excess back to the utility. Today, there are a handful of such buildings serving as examples of what could be done. Some communities and states are even setting target dates (15 to 30 years) when new construction must meet net-zero. Feature Story of July *Electrical Contractor*



7. ***Congress Takes On Energy*** by Doug Chandler, Executive Editor - The American Clean Energy and Security Act of 2009 was passed by the House of Representatives on June 26 with a vote of 219-212. Passage of the bill, also known as H.R. 2454 or the Waxman-Markey bill, after its primary sponsors, Henry Waxman (D-Calif.) and Edward Markey (D-Mass.), has caused a considerable stir across the political spectrum, in the press and online, primarily over its cost and its creation of a cap-and-trade system for carbon-dioxide emissions. But the bill is also loaded with provisions for improving energy efficiency that will significantly impact the electrical industry. The debate moves next to the Senate, where the Energy and Natural Resources Committee last month reported out the American Clean Energy Leadership Act, which will proceed to a vote by the full Senate, probably in October, but possibly earlier. 07/'09 *Electrical Wholesaling*

8. ***Sylvania Partners with ESCOs on Lighting Upgrades*** - Citing a growing corporate consensus about the financial benefits of energy efficiency, Osram Sylvania, Danvers, Mass., has launched an alliance with energy service companies (ESCOs) nationwide to pursue energy-efficient lighting upgrades in commercial and institutional facilities. **Sixty ESCOs have signed on for Sylvania's Energy Solutions Network** since its inception last fall. The company hopes to double that number over the next year, in the second phase of building out the network Osram Sylvania's network program focuses on small to mid-sized ESCOs, offering them preferred benefits including a dedicated Sylvania ESCO management team, field sales, application engineering and training options as well as marketing programs to support development of energy-efficient lighting upgrade projects. 07/'09 *Electrical Wholesaling*



9. **Energy Efficiency Could Save Americans 1.2 Trillion Dollars** - As the Senate gears up to consider landmark climate and energy legislation in the coming weeks, a new report released this week www.mckinsey.com/USenergyefficiency concludes that elevating energy efficiency to a national priority could save American consumers \$1.2 trillion by 2020--about the same amount as the projected 2009 Federal deficit. In issuing its report, McKinsey & Co. state that energy efficiency is the "single most promising resource" in pursuing energy affordability and security. In addition to the tremendous savings to consumers and businesses, the report finds that elevating energy efficiency to a national priority could also create 600,000-900,000 sustainable green jobs and reduce our overall energy consumption by 23 percent - that's equivalent to the total energy consumption of the entire world for two weeks. 07/30 BUSINESS WIRE

10. **Energy Efficiency Incentives Likely to Grow** - You're probably familiar with some of the federal government's incentives for home energy efficiency -- hefty tax credits for solar panels, solar water heaters, geothermal heat pumps, heavy-duty insulation, windows, air conditioning and the like. But these are just the beginning of an unprecedented push by the government that's getting underway for energy conservation in housing. At the Department of Housing and Urban Development, a new generation of mortgages designed to encourage energy efficiency is being rolled out, starting with Federal Housing Administration loans that offer **5% larger mortgages to people who plan on making energy-efficiency improvements**. For example, if you qualify for a \$300,000 FHA mortgage, the FHA might now be able offer you an additional \$15,000 if the extra money is used to substantially lower the property's annual energy consumption. 07/26 LA Times

11. **The LEED View: Sustainable Lighting** - In Turner Construction's 2008 Green Building Market Barometer survey of 754 commercial real estate executives, a significant percentage of respondents view green buildings as having lower operating costs and higher building values, rent requirements, occupancy rates and overall return on investment. **As a primary building system, lighting has a critical role to play in sustainable buildings**. At first glance, "sustainable lighting" appears to be a fancy way of saying energy-efficient lighting. However, it encompasses the satisfaction of the lighting system's design intent for the lowest life-cycle environmental impact. And, it has become associated with quality lighting practices that do not directly save energy but are related to worker or inhabitant satisfaction, such as providing access to daylight and views. 07/'09 Electrical Contractor

12. **Cool Events Planned by ENERGY STAR for Fall** - The [Change the World, Start with ENERGY STAR Tour Exhibit House](#) is hitting the road again this year. Check out the tour dates and locations below to see where you can tour the home and see firsthand how saving energy can help you save money and fight global warming at home, at work, and in your community.

- ⚙ PLANO, TEXAS September 18-20 Plano Balloon Festival at Oak Point Park
- ⚙ LOS ANGELES, CALIFORNIA September 30-October 4 Los Angeles County Fair
- ⚙ PUGET SOUND AREA, WASHINGTON October 10-11 Lowe's Store in Auburn, WA
- ⚙ BOSTON, MASSACHUSETTS October 24-25 Boston Medical Center's Halloween Town at the Seaport World Trade Center



Take a room-by-room tour of the home and learn about ways to save with energy-efficient practices and ENERGY STAR qualified products, such as: Lighting, Electronics, Home Sealing and Insulation, Appliances, Office Equipment, Heating and Cooling Equipment. Each event will have a "testimonial booth" where you can record your individual energy-saving story about how you have made a positive change for the environment.



13. Energy and Lighting Efficiency Among Top Sustainability Solutions by Dan Carazo - Good news: Four of the "Top 10" green strategies being incorporated in recent projects are electrical solutions. A look at the green building technologies and strategies the surveyed building professionals have incorporated or plan to incorporate in recent projects indicated very good news for electrical contractors and distributors. <http://www.tedgreenroom.com>

- 1) Automated lighting controls 86%
- 2) Energy management 85%
- 3) Low-emitting carpeting 69%
- 4) Low-emitting paints/finishes/adhesives 69%
- 5) Daylighting 67%
- 6) Recycled/renewable building materials 67%
- 7) Building commissioning 61%
- 8) Green furniture, fixtures, equipment 61%
- 9) Energy analysis/modeling tools 58%
- 10) Acoustics/soundproofing 55%

14. ACEEE Creates Job Calculator for Energy-Saving Stimulus Projects - Today the American Council for an Energy-Efficient Economy (ACEEE) published a jobs calculator for estimating the employment impacts of energy efficiency projects funded through the 2009 American Recovery and Reinvestment Act (ARRA). The calculator along with its user's guide can be found on the Federal Economic Stimulus Legislation section of ACEEE's National Energy Efficiency Policy Webpage at <http://www.aceee.org/energy/national/recovery.htm>

15. 72% Don't Want Feds Changing Their Light Bulbs - Just 18% of adults think it's the government's job to tell Americans what kind of light bulb they use, according to a new Rasmussen Reports national telephone survey. Seventy-two percent (72%) say it's none of the government's business, and 10% are not sure. The federal government under an energy bill passed in 2007 is requiring consumers to dump incandescent bulbs, the ones we've used for well over a century, for more expensive incandescent ones. The plan is scheduled to go into effect over the next 10 years in the name of great energy efficiency. 07/23 <http://www.rasmussenreports.com>

16. Suppliers Will Disclose Greenness - Wal-Mart "unveiled an environmental labeling program for the products it carries." The company "will tell suppliers they must calculate and disclose the full environmental costs of making their products, then allow Wal-Mart to distill the information into a rating system that shoppers will see alongside prices." According to the report, "Wal-Mart insisted there will be no exemptions" from this new imposition. 07/23 TED

17. 'Smart Grid' Raises Security Concerns - Electric utilities vying for \$3.9 billion in new federal "smart grid" grants will need to prove that they are taking steps to prevent cyberattacks as they move to link nearly all elements of the U.S. power grid to the public Internet. 07/28 Washington Post

18. The Impact of LEED - Building rating systems like LEED and Green Globes have made an indelible influence in the way buildings are designed and constructed. Moreover, they've made an impact as to how buildings perform once they're delivered to the client. But the question of how much of an impact these green building rating systems have had remains unanswered. An article, which can be found in its entirety on *Sustainable Facility's* website, provides one opinion of the impact the LEED Green Building Rating System has had and what is in store for the future. <http://www.sustainablefacility.com>



19. DOE Announces Plans for Municipal Solid-State Street Lighting Consortium - To leverage the efforts of multiple cities pursuing evaluations of LED street lighting products, DOE has announced plans to form a Municipal Solid-State Street Lighting Consortium. The Consortium will collect, analyze, and share technical information and experiences related to LED street lighting demonstrations. The Consortium will provide a forum for entities with similar backgrounds and needs to share information, ask questions, and tap into a large body of knowledge and experience that will help maximize the value of their dollars spent evaluating LED street lighting. Membership will be open to municipalities, utilities, and energy efficiency organizations. DOE expects to launch the Consortium in September 2009. www.ssl.energy.gov/gatewaydemos_consortium.html.

20. Why We Need the Climate Bill's Building Code - A section spanning just 29 pages of the 1,428-page Waxman-Markey climate bill could have an outsized impact on energy use in the United States as it would require ambitious reductions in the energy use of new homes and commercial structures through a nationwide building energy code: aka Section 201, or "Greater Energy Efficiency in Building Codes". The legislation would mark an important shift, requiring all states to meet minimum building energy standards. 07/27 Reuters

21. LIGHTFAIR Update - LIGHTFAIR International broke all records of attendee numbers this May in New York, welcoming 23,416 registered attendees. LFI 2009 was the largest, most robust trade show and conference to-date, beating LFI 2007's records in New York (which was the largest show in history until this year). Attendees came from all over the world, representing a dynamic cross-section of professions. The release provides details on the demographics of the attendees from LFI 2009. tarat@lightfair.com



LFIPostShowRelease
Jul09.pdf

22. Existing-Home Sales Up for Third Straight Month - Existing-home sales rose for the third straight month in June, increasing 3.6% to a seasonally adjusted annual rate of 4.89 million units from a downwardly revised pace of 4.72 million in May, the National Association of Realtors reported. Regionally, the West showed the biggest jump, as existing-home sales improved by 6.4% to an annual rate of 1.16 million in June, and are 11.5% higher than June 2008. In the Northeast, sales rose 2.5% to an annual pace of 820,000, but are 4.7% below a year ago. Sales in the Midwest increased 0.9% to a level of 1.10 million but are 1.8% lower than June 2008. And in the South, sales rose 4% to an annual pace of 1.81 million in June, but are 3.7% below a year ago. 07/23 HCN

23. U.S. New Home Sales Rise Sharply in June - Sales of new single-family homes in the United States rose more than expected in June, while the inventory of homes for sale fell to a more than 11-year low, government data showed on Monday. Sales rose to an annual rate of 384,000 in June, the Commerce Department reported, up 11 percent from May, while the number of new homes still for sale fell to 281,000, the lowest since February 1998. 07/27 Reuters

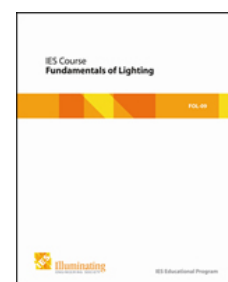
24. Call for Papers IES 2009 Annual Conference - The Illuminating Engineering Society (IES) is soliciting papers for its 2009 Annual Conference, "Realizing the Future -- Research to Application," which will take place from November 15-17 in Seattle. Suggested topics include early results of research work or studies, new technologies, novel lighting design solutions or product applications, and concepts for improving measurement or the evaluation of lighting systems. The deadline for submitting papers is August 24. For more information and to submit your proposal, visit the call for papers: <http://apps.d-wise.com/IES/cfp2009/index.jsp>



- 25. 2009 NECA Convention and Trade Show** - The National Electrical Contractors Association (NECA) will present its 2009 Convention and Trade Show from September 12-15 in Seattle. Topics to be presented at the convention include changes to NFPA 70E 2009, proposed changes for 2011 NEC, paperless estimating, federal and state methods for green building, and a market outlook. For more information and to register, visit <http://www.necaconvention.org>
- 26. Outdoor LED Lighting Is Clearly Getting a Lot of Attention Lately** - Why such intense interest? The answer is simple: Although SSL overall still has a ways to go before it can compete with conventional lighting on a first-cost basis, outdoor lighting is one of the applications where SSL is already showing that it often can be competitive. That's because decision makers are looking at energy savings plus a host of other benefits, which not only include directionality, controllability, and aesthetic appeal, but also maintenance savings. It's easy to see why the last advantage can mean substantial savings with outdoor lighting and with any other applications where the maintenance costs are high. Add to that the federal funding that's recently been made available to municipalities through Recovery Act block grants, and it's not hard to see why LED solutions are getting a long, hard look from many quarters for possible use to light up streets and parking lots. 07/30 Postings from Jim Brodrick postings@lightingfacts.com
- 27. US Electrical Distributor Survey on LED Lighting** - Energy Smart Marketers has just published the findings of their recent contractor survey that asked contractors what they want (or) need from distributors and manufacturers to sell LED fixtures. Purchase the results of the survey for \$199 to find out what electrical and lighting distributors think about LED lighting fixture manufacturers. <http://energysmartmarketers.com/lighting.html> Energy Smart Marketers, created by Channel Marketing Group (CMG) and BtB Marketing Communications, have combined their expertise in distribution channels, marketing, channel sales, and the electrical and lighting industries to provide you with the most comprehensive services to successfully reach the right targets with your solid-state lighting / LED technology.
- 28. MaxLite Sites Sources for LED Technical Updates** - Along with IESNA, other lighting authorities from the industry are also establishing and introducing standards for LEDs. They include ANSI, American National Standards Institute; CIE, the International Commission on Illumination; FCC, the Federal Communication Commission; IEC, the International Electrotechnical Commission; UL, Underwriters Laboratory, and the ASSIST Program, the Alliance for Solid State Illumination Systems and Technologies. www.maxlite.com Sources:
- ⚙ The Lighting Research Center <http://aps1.eere.energy.gov> October, 2008
 - ⚙ The ASSIST Program (Alliance for Solid State Illumination Systems and Technologies) <http://www.lrc.rpi.edu> April, 2009
 - ⚙ The U.S. Department of Energy <http://www.netl.doe.gov> July, 2009
- 29. Philips Buys Teletrol Based in Manchester, N.H.** - Teletrol Systems provides “integrated solutions for simultaneous multisite management of lighting and energy usage.” According to the release, Teletrol, founded in 1985, has installations in more than 10,000 sites around the world; the company has 37 employees. 07/23 TED
- 30. US-China Talks More About Future Than the Present** - U.S. Energy Secretary Steven Chu said clean energy and climate change will be a critical part of the U.S.-Chinese relationship. China's chief climate change official, Xie Zhenhua, told reporters earlier that rich countries should take the lead in reducing emissions and should help poorer countries by providing money and technology to deal with the problem. 07/29 AP



- 31. LEDs Are As Energy Efficient as Compact Fluorescents** - In March, a preliminary study reported by Carnegie Mellon indicated that LED lamps were more energy efficient throughout their life, but the researchers pointed out that not every aspect of the production process was taken into account. A new study released on Tuesday by Osram claims to have confirmed the efficiency findings. Conducted by the Siemens Corporate Technology Centre for Eco Innovations (Siemens is the parent of Osram and Sylvania), the report examines the energy needed to create and power an LED lamp. Even the energy needed to ship a lamp from the factory in China to an installation in Europe was taken into account. The total Life Cycle Assessment findings show that today's LED lamps are essentially as energy efficient as compact fluorescents, in the amount of energy needed to create, recycle and provide light. Osram said it expected those numbers to improve as LEDs become more energy efficient. 08/6 NY Times
- 32. DOE Publishes Detailed Results from Round 8 of CALiPER Testing** - The U.S. Department of Energy (DOE) has published the detailed test reports from Round 8 of product testing conducted through the DOE Solid-State Lighting (SSL) CALiPER program. Detailed results from Round 8, covering replacement lamps, under-cabinet products, downlights, and outdoor streetlights, are now available through the searchable online CALiPER system: www.ssl.energy.gov/search.html.
- 33. Advanced Technologies in Outdoor Lighting Instructed by Stan Walerczyk, L.C., C.L.E.P.** - A 4-Hour Distance Learning Seminar earns **0.4 CEU / 4 PDH**. Presented in two 2-hour live online sessions beginning [September 10 and November 10, 2009](#). Traditional high pressure sodium, low pressure sodium, and metal halide outdoor light sources have recently begun being replaced with LED in many major cities across the country. But how do you determine whether LED is, in fact, your best upgrade or new outdoor lighting project option? What about other new technologies? This course is designed to bring you up to speed on the latest outdoor light source advances, their technical characteristics, their pros and cons, and what needs to be considered in making the right choice for a specific exterior lighting installation. <http://www.aeecenter.org/realtime/OutdoorLighting/>
- 34. Fundamentals of Lighting (FOL-09) Available August 17, 2009** - Fundamentals of Lighting is an introductory course comprised of seven modules. It replaces ED-100, Fundamental Level. Fundamentals of Lighting is offered by the IES Sections and other recognized education providers, enabling participants who pass the course to receive IES Continuing Education Units or AIA Learning Units. Contact your local IES Section for information regarding course offerings and education credits. <http://www.ies.org/store/product/fundamentals-of-lighting-student-binder-1207.cfm>
- 35. Hitting the Target: ENERGY STAR SSL Outdoor Area Lighting Webcast** - On September 10, 2009, the U.S. Department of Energy will host a 90-minute live webcast on ENERGY STAR SSL Outdoor Lighting Criteria. The webcast will be moderated by Kelly Gordon of PNNL and will begin promptly at 1:00 pm ET and will include a 60 minute presentation, followed by a 30-minute question and answer session with attendees. To learn more, or to register for the webcast, visit http://www1.eere.energy.gov/buildings/ssl/events_detail.html?event_id=3929 Jim Brodrick
- 36. Wind Work Now Providing GexPro Services with \$100+ Million in Green Sales** - Gexpro, formerly GE Supply and now part of Rexel's global empire, has quietly built a sizeable presence in the wind market and has sales of approximately \$100 million in this market niche. http://enews.penton.com/enews/electricalwholesaling/green_biz/2009_08_07_green_opportunities/display



STATE ENERGY ISSUES TO WATCH.....

37. *More Than \$300 Million Is Being Given Out to States to Provide Energy Star Rebates* - *07/15 AP

- ⊗ Indiana Gets Up to \$6.1M for New Appliance Rebates *
- ⊗ Kansas get \$2.7 million in federal stimulus funds for a household appliance rebate program *
- ⊗ Illinois Gets \$12M for Energy Rebate Program *
- ⊗ Missouri to get \$5.7M for energy efficiency rebates *
- ⊗ Alabama to get \$4.5 million for appliance rebates *
- ⊗ Nebraska to receive \$1.7 million for appliances *
- ⊗ Virginia to participate in energy rebate program *
- ⊗ Utah to get \$2.6 million for appliance rebates *
- ⊗ Indianapolis seeks \$8M in energy efficiency grants *
- ⊗ North Carolina applies for almost \$9M in federal energy funds *
- ⊗ Michigan is to get \$9.6 million *
- ⊗ Energy Dept. Okays \$11M for Ohio Appliance Rebates 07/15 The Blade
- ⊗ Massachusetts gets \$22m for use in energy-saving projects 07/22 Boston Globe
- ⊗ Colorado will get another \$19 million in federal stimulus money for renewable energy projects 07/22 The Pueblo Chieftain
- ⊗ South Dakota is getting \$772,000 from the federal government for a state-run rebate program that encourages consumers to buy energy efficient appliances. 07/25 AP
- ⊗ New Mexico is getting more than \$1.9 million for rebates for energy-efficient home appliances. 07/27 AP
- ⊗ Wisconsin receives \$28 million for energy projects 07/27 AP
- ⊗ About \$3 million in federal stimulus money will help Riverside, CA officials make the city more energy efficient. 07/27 The Press-Enterprise
- ⊗ Nevada to get \$13.9 million for energy projects 07/28 AP
- ⊗ **Don't just sit there, check out your own State.....there's gold in dem dar hills...**

38. *Millions Awarded to Six States and One Territory for Energy Programs* - DOE Secretary Steven Chu recently announced more than \$162 million in funding from the ARRA to support energy-efficiency and renewable energy projects in Colorado, Delaware, Indiana, Louisiana, Massachusetts, Pennsylvania, and Puerto Rico. Under DOE's State Energy Program, states and territories have proposed statewide plans that prioritize energy savings, create or retain jobs, increase the use of renewable energy, and reduce greenhouse gas emissions. 07/31 EC&M

39. *New Jersey Outshines 48 of Its Peers in Solar Power* - NJ's biggest utility PSEG is outfitting 200,000 utility poles with solar panels, part of the state's embrace of a try-anything strategy that has made it the nation's second-biggest producer of solar energy behind California. In addition to utility poles, the state is pushing solar panels for industrial locations with many flat roofs. NJ's \$514 million program will double its solar capacity to 160 megawatts by 2013, and will be funded by utility customers. Costs will be defrayed slightly by a 30% federal tax credit, roughly \$1 million a year in proceeds from the sale of solar renewable energy credits. NJ's goal is to garner 3% of its electricity from the sun and 12% from offshore wind by 2020, part of a larger effort to meet 30% of the state's electricity needs through clean sources. 08/03 Wall Street Journal



- 40. NH Approves \$5.3M for Energy Efficiency** - New Hampshire is spending \$5.3 million on energy efficiency projects that will create "green" jobs. Gov. John Lynch and the Executive Council approved projects Wednesday ranging from energy audits to a revolving loan fund to help businesses become more energy efficient. The money is from a fund created through the Regional Greenhouse Gas Initiative <http://www.rggi.org/states> which New Hampshire joined last year. 07/15 AP
- 41. Penn State to Offer Energy Guidelines Amid Rate Hike** - Penn State is rolling out a new energy conservation policy this fall, in large part to help lower a electric bill that has doubled to roughly \$2 million a month since rate caps were lifted earlier this year. Penn State has estimated the electric bill for the campus could go from about \$13 million in 2008 to \$25.5 million in 2009. 07/14 AP
- 42. PA Announces \$22.2 Million for Small Government Energy Efficiency Projects** - Governor Edward G. Rendell today announced a new grant program for local government and non-profit entities seeking to conserve or reduce energy use. PA Conservation Works! will provide up to \$250,000 for individual projects and \$500,000 for joint projects designed to increase energy efficiency, reduce energy consumption and reduce energy costs by at least 25 percent. Sixty percent of the program's \$22.2 million is reserved for local governments not eligible for direct formula grants from the Energy Efficiency and Conservation Block Grant program. Renewable energy projects will also be eligible if they replace at least 25 percent of a building's or entity's energy use. All projects must create jobs, be able to start work within six months and be completed prior to Sept. 30, 2011. To find out more about Governor Rendell's initiatives and to sign up for his newsletter, visit www.governor.state.pa.us
- 43. Baltimore Gas and Electric Company Unveils Plans for One of the Most Advanced Smart Grid Initiatives in the Nation** - BGE today announced it has filed with the Maryland Public Service Commission (PSC) a comprehensive and advanced Smart Grid initiative, including the planned installation of 2 million residential and commercial smart meters, that could potentially save BGE electric and gas customers in excess of \$2.6 billion over the life of the project. In an extensive pilot program that began in 2008, smart meters and a new pricing plan proved that customers can reduce peak electricity usage by about a third and enjoy significant savings. BGE's ability to rapidly and most cost-effectively carry out the Smart Grid initiative depends upon PSC approval and cost recovery in a timeframe that would allow the utility to qualify for a competitive DOE grant of up to \$200 million to partially fund the initiative. 07/13 BUSINESS WIRE
- 44. NC Officials Joining Free Webcast on Energy Funds** - Government and school officials in North Carolina are joining a webcast workshop <http://www.energync.net> on accessing more than \$58 million in federal energy funding. The \$58.3 million will be divided as energy conservation grants for 32 of the state's largest cities and counties and the Cherokee Indian reservation. Another portion will be distributed to smaller communities and agencies. 07/21 AP
- 45. Miami, OK Receives \$500,00 Grant Aimed at Energy Efficiency** - The city of Miami is one of two Oklahoma cities awarded a \$500,000 2009 Smart Energy Community Grant to go "green" and reduce energy consumption. 07/13 The Joplin Globe
- 46. Most Local Stimulus Projects Still Pending in Ohio** - The federal stimulus has yet to pay Columbus, Dublin and Westerville to install energy-efficient light bulbs. Few of the 90-plus stimulus projects The Dispatch has identified in Franklin County have begun. Most of them still are awaiting federal approval. Columbus, Dublin and Westerville all have proposed projects to upgrade their buildings with energy-efficient lighting. 07/12 The Columbus Dispatch



- 47. Consumers Energy Launches Program to Help Residential Customers Save Energy and Save Money** - Consumers Energy Saving Solutions offers a wide range of incentives to help customers reduce their utility bills by using energy more efficiently. Those incentives include discounts on compact fluorescent light bulbs at participating retailers and rebates for buying high-efficiency appliances, such as air conditioners, furnaces, and water heaters. Consumers Energy, the principal subsidiary of CMS Energy, provides natural gas and electricity to more than six million of the state's nearly 10 million residents in all 68 Lower Peninsula counties. The residential program joins a business energy efficiency program that the utility launched on July 6. Michigan's 08 comprehensive energy law sets aggressive energy efficiency goals for the state. www.consumersenergy.com
- 48. Metro Cities to Get New Grants: Money to Go Toward Energy-Wise Changes** - Farmington Hills, Roseville and Lincoln Park are first in what planners hope will be a stream of cities and townships banding together in southeast Michigan to get new federal block grants and taking other steps to slash their energy bills. By September, Farmington Hills expects to get \$791,300, Roseville is to receive \$198,600 and Lincoln Park \$145,500, to be used for energy-wise LED streetlights, solar panels and geothermal heating and cooling in city buildings, officials said. 07/12 Detroit Free Press
- 49. AmerenUE Launches New Residential Energy Efficiency Programs** - Today, AmerenUE is announcing the rollout of several residential energy efficiency programs to help customers manage their energy usage, lower their monthly electric bills, and reduce their carbon footprint. The ENERGY STAR-qualified products targeted in the program will include: screw-in compact fluorescent lamps (CFLs), dehumidifiers, freezers, window air conditioners, ceiling fans with lights, lighting fixtures and CFL torchieres. Partner stores will hold special promotions and events throughout UE's service territory. AmerenUE, a subsidiary of St. Louis-based Ameren Corporation, serves 1.2 million Missouri electric customers and 127,000 Missouri natural gas customers. 07/16 PRNewswire
- 50. Hawaii Gets \$10M for Energy Projects** - The U.S. Department of Energy says Hawaii will get \$10.3 million in federal stimulus money for energy efficiency and renewable energy projects. The money is part of \$141 million being distributed to Hawaii, Maine, Nebraska, New Mexico, Texas and the Northern Marianas. It's intended to cover 40 percent of each grantee's total state energy program. Hawaii's money will be used for energy efficient buildings, government and residential building retrofits, and additional efficiency measures in the state's hospitality industry. The program also provides training to building owners, developers, design professionals and county building code officials to ensure that new and renovated buildings are designed with high efficiency measures. 07/10 AP <http://www.honoluluadvertiser.com>
- 51. BULBRITE Partners with Energy Star and NYSERDA to Promote Energy-Efficient Light Bulbs** - BULBRITE, Moonachie, NJ, has partnered with Energy Star and NYSERDA, Albany, NY, program to promote energy-efficient products throughout the state of New York. Under the partnership, BULBRITE is offering Energy Star-approved CFL lamps to its distributors throughout New York at deeply discounted prices, also including educational pamphlets and counter mats. 07/23 EC&M



MONTHLY FEATURE... Fluorescent and Incandescent Lamps

http://www1.eere.energy.gov/buildings/appliance_standards/residential/printable_versions/incandescent_lamps.html

This page describes rulemaking activities and regulations regarding energy efficiency for fluorescent and incandescent lamps.

Statutory Authority

The Energy Policy and Conservation Act (EPCA) of 1975 established an energy conservation program for major household appliances. Title III of EPCA (42 U.S.C. 6291 *et seq.*) set forth provisions designed to improve energy efficiency. Amendments to title III of EPCA in the Energy Policy Act of 1992, P.L. 102-486, established energy conservation standards for certain types of fluorescent lamps and incandescent reflector lamps, and authorized the U.S. Department of Energy (DOE) to amend these standards if such amendments were warranted. (42 U.S.C. 6291(1), 6295(i)(1) and (3)-(4)) The same amendments authorized DOE to adopt standards for additional types of general service fluorescent lamps if such additional standards were warranted. (42 U.S.C. 6295(i)(5))

On December 19, 2007, the President signed the Energy Independence and Security Act of 2007 (EISA 2007) (Pub. L. 110-140), which amends EPCA and directs DOE to undertake new energy conservation standards rulemakings. EISA 2007 also amends EPCA with regard to general service fluorescent lamps, incandescent reflector lamps, and general service incandescent lamps. A fact sheet describing provisions in EISA 2007 related to general service incandescent lamps is presented below. EISA 2007 requires the Secretary of Energy to develop a unit sales forecast for 2010-2025 for five lamp types exempt from the general service incandescent lamp standards. The forecast report and a spreadsheet of the models are available below.

DOE's Office of Energy Efficiency and Renewable Energy, Building Technologies Program develops energy conservation standards for consumer products and commercial equipment. This office has the responsibility for rulemaking activities for fluorescent and incandescent lamps. Past and present rulemaking activities for these products are presented below.

Energy Conservation Standard

- Final Rule for General Service Fluorescent Lamps and Incandescent Reflector Lamps, June 26, 2009, as issued by the Secretary of Energy. ([PDF 1.2 MB](#)). **NOTE:** The official version of the Final Rule will be published in the *Federal Register* shortly.
- [Notice of Proposed Rulemaking](#)
- [Advance Notice of Proposed Rulemaking](#)
- [Framework Document](#)

Test Procedure

- General Service Fluorescent Lamps, Incandescent Reflector Lamps, and General Service Incandescent Lamps Test Procedure; Final Rule, *Federal Register*, July 6, 2009 ([PDF 161 KB](#))
- [Notice of Proposed Rulemaking](#)

Unit Sales Forecasts for Five Lamp Types

- [Notice of Data Availability](#)

Previous Federal Register Notices

- Fluorescent and Incandescent Lamp Test Procedure, *Federal Register*, May 29, 1997 ([PDF 195 KB](#))

Supplementary Information

- Fact Sheet: General Service Incandescent Lamp Provisions Contained in EISA 2007 ([PDF 75 KB](#))

Contact Information [Linda Graves](#) Lighting Standards Project Manager 202-586-1851

