



Hubbell Sustainability Initiative.
Good for the environment, good for your business.

What is HSI?

The U.S. Environmental Protection Agency defines sustainability as "meeting the needs of the present without compromising the ability of the future generations to meet their own needs." In 2010, Hubbell announced HSI – the Hubbell Sustainability Initiative – which is an enterprise-wide commitment to develop sustainable products and business practices.

The HSI mission is to:

Achieve an ongoing culture of environmental responsibility with our employees, community, and industry implementing educational programs and sustainable practices.

While HSI is relatively new, we embraced the concept of a cultivating a green company years ago. Here are recent examples of Hubbell's commitment to conduct business in an environmentally friendly way.

Hubbell Lighting Headquarters

Hubbell Lighting's 185,000 sq. ft. headquarters in Greenville, SC is as easy on the environment as it is to view from its majestic hilltop location overlooking Interstate 85. The four-story, \$41 million building is registered to achieve a Silver rating under the LEED (Leadership in Energy and Environmental Design) program of the U.S. Green Building Council. As a leading manufacturer of energy-efficient lighting, Hubbell Lighting wanted "to practice what they preach," said K. J. Jacobs, lead architect on the project. "They wanted to be good



stewards of the environment as consumers as well as manufacturers." As a result, the new structure is 30 percent more energy efficient than a typical office building of this size, said Jacobs, of McMillan Smith & Partners, based in Spartanburg, SC, with offices in Charleston and Greenville.

The Lighting Solutions Center, considered by many to be the most advanced education/training center in the lighting industry, was developed from a concept originally

conceived by Scott Muse, Hubbell Lighting's Group Vice President. Simple in its objective, but complex to implement, the facility provides real world solutions to the most challenging and timely lighting issues. Muse believes this is the quintessential service Hubbell Lighting provides for the specification community including architects, illuminating engineers, lighting designers, contractors, sales agents and others who work with illumination on a daily basis.

Lean and Clean Manufacturing

Hubbell Wiring Systems' Puerto Rico manufacturing facility has implemented comprehensive recycling systems that currently recycle 90% of all paper products. The facility also addresses recycling, reuse and proper disposal of plastics, scrap metal, batteries, discarded equipment, wood pallets and more, resulting in a 75% reduction of landfill disposal. Purchasing of recycled packaging materials where possible is also a key initiative at the facility, as well as a waste minimization program per EPA guidelines.



The Puerto Rico facility recovers 980,000 gallons of water each year using condensed water from roof-top AC units. A reconfiguration of the compressed air system, along with other energy saving practices at the facility has saved nearly \$150K in kilowatt-hour costs. Hubbell Wiring Systems manufacturing facilities also continuously work to reduce waste and increase efficiency through our Lean manufacturing production practices. Current solar energy and lighting initiatives are underway that are estimated to save over 76,000 watts per year.

Green Products

GreenWise™ is a product-level focus empowers you to make the world better for future generations by using leading edge, sustainable lighting solutions. We will show you how reducing lighting energy, without sacrificing illumination, can be affordably achieved with GreenWise industry-specific solutions. Lighting renovations can save



tens of thousands of dollars a year in energy costs. And yield a faster return on investment than any other building system improvement. Yes, being a good steward of the environment is good for business. This website will show you how GreenWise lighting choices can improve specific market's energy costs

For more information, visit the [Greenwise page](#).



Take advantage of government stimulus opportunities with a wide variety of qualifying Hubbell products.

American Recovery and Reinvestment Act of 2009

On February 17, 2009, the American Recovery and Reinvestment Act of 2009 (ARRA) was signed into law. The ARRA stimulus package has appropriated more than \$700 billion in funds towards federal tax relief, expansion of unemployment benefits and domestic spending in education, healthcare and infrastructure.

How "Buy American" qualification works

The ARRA of 2009 has two versions of Buy American requirements that can be invoked for individual stimulus projects. Determining which of these two versions your project must meet will depend on the size of the project as well as whether goods are purchased on a construction contract (goods purchased through a contractor) or a supplies contract (goods purchased directly by the government agency). Refer to the Federal Acquisition Regulations (FAR) clauses in the project's prime contract to determine the actual project requirements.

Depending on their location of manufacture, products qualify for different requirements in the BAA. The main groups are as follows:

LEVEL 1	LEVEL 2	LEVEL 3
Manufactured (substantially transformed) in Free Trade Agreement countries	Manufactured (substantially transformed) in the United States	Made in the US (more than 50% of cost of components is US) *

On this Page:

- [Wiring products](#)
- [Lighting products](#)
- [Power transmission and distribution](#)
- [Stimulus allocations by State](#)

[↑ Back to top](#)

What Hubbell Offers for ARRA Stimulus Projects

Wiring Products

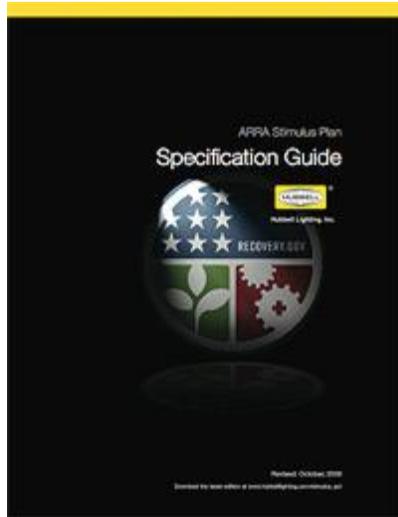
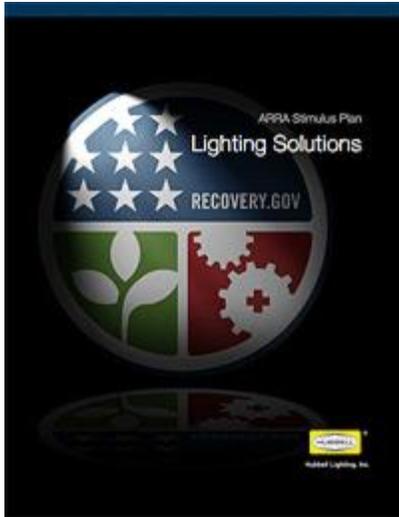
The ARRA Stimulus Plan has targeted specific funding allocations for several key markets, including Energy, Education, and Healthcare. If you're looking for applicable electrical/wiring products, here is a quick reference provided by [Hubbell Wiring Systems](#) (a division of Hubbell Electrical Systems):

Wiring Products (by Market)		
ENERGY	EDUCATION	HEALTHCARE
<p>Allocation: \$43 billion</p> <p>Includes services, investments, grants, loans and tax incentives that aim to:</p> <ul style="list-style-type: none"> Increase the use of renewable energy across all markets Implement energy efficiency upgrades for building projects Improve energy efficiency throughout single and multi-family dwellings Establish local building standards and programs that save energy 	<p>Allocation: \$53 billion</p> <p>Includes tax relief and funds to:</p> <ul style="list-style-type: none"> Modernize, renovate and repair outdated educational facilities Enhance pre-school and special education programs Increase financial assistance for college Improve technology in educational facilities 	<p>Allocation: \$59 billion</p> <p>Most of the healthcare funds will be allocated to:</p> <ul style="list-style-type: none"> Provide healthcare for the unemployed and poor Enhance prevention, wellness and vaccination programs Invest in information technology to encourage electronic health information exchange Expand community clinics and access to healthcare
Associated Products		
<ul style="list-style-type: none"> Lighting Controls Data Center Products 	<ul style="list-style-type: none"> Receptacles Switches Raceway Floor Boxes 	<ul style="list-style-type: none"> Hospital Products Ground Fault Receptacles Floor Boxes Raceway

[↑ Back to top](#)

Lighting Products

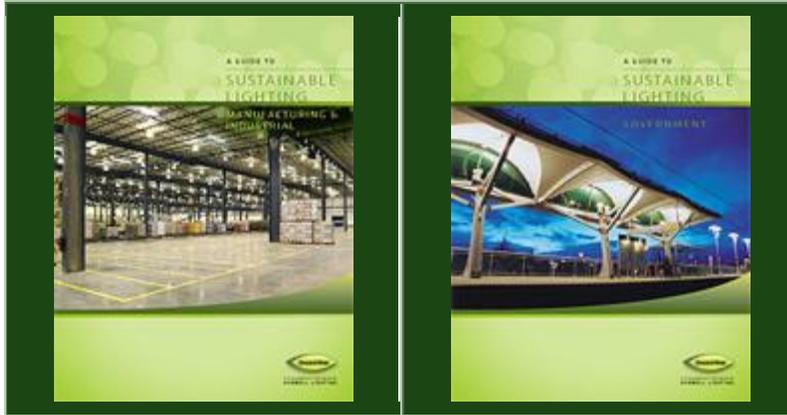
If you're looking for stimulus-compatible lighting products, the best place to start is with our two ARRA lighting brochures – [Lighting Solutions](#) which provides an introduction to the ARRA Stimulus Plan and related government initiatives, and includes an overview of Hubbell Lighting brands. In addition, our [Specification Guide](#) offers 70 pages of detailed product information showing the many Hubbell Lighting products that qualify under the ARRA guidelines, and what levels of qualification apply to each product.



We also offer information about sustainable Hubbell Lighting products identified by five key markets, compiled to help you with any stimulus-related opportunities in these fields:

Lighting Products (by Market)

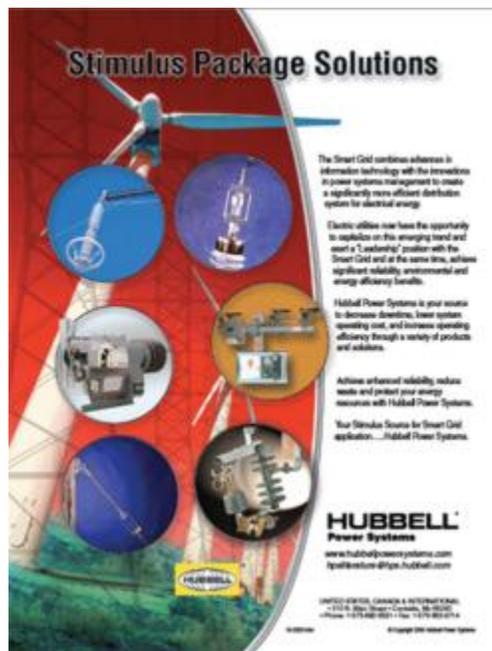
OFFICE	EDUCATION	HEALTHCARE
MANUFACTURING		GOVERNMENT



[↑ Back to top](#)

Power Transmission & Distribution

Hubbell Power Systems offers a variety of products that can help take advantage of emerging Smart Grid development, and at the same time achieve significant reliability, environmental and energy efficiency benefits. Click on the image below for a 7-page overview of applicable Hubbell Power Systems products.

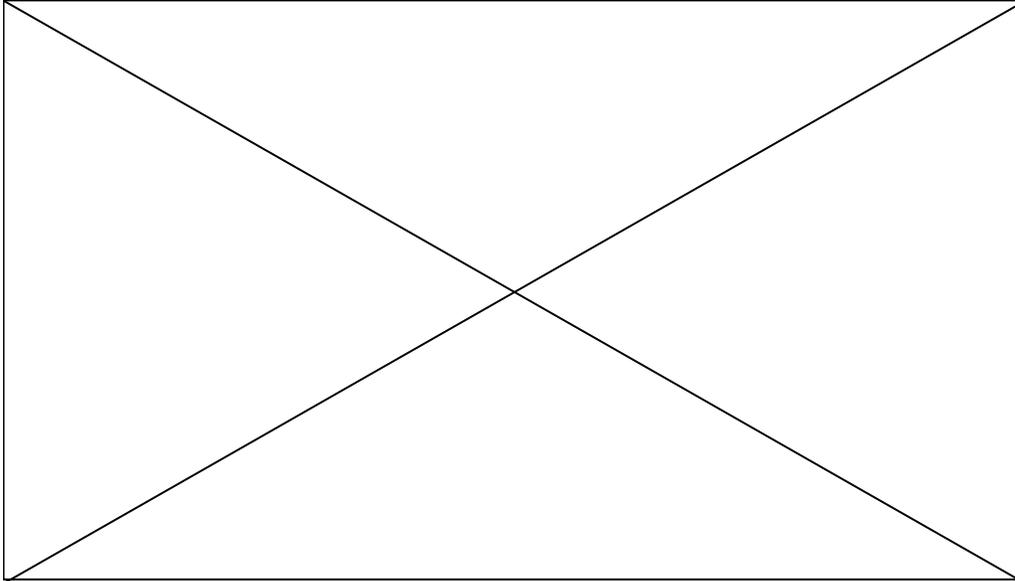


[↑ Back to top](#)

Where to find stimulus opportunities

Stimulus Allocations by State

Click on the map below to see state allocations and search for opportunities in your area



[↑ Back to top](#)



Hubbell Greenwise.
A wise choice in lighting.

About Greenwise

GreenWise™ empowers you to make the world better for future generations by using leading edge, sustainable lighting solutions. We will show you how reducing lighting energy, without sacrificing illumination, can be affordably achieved with GreenWise industry-specific solutions. Lighting renovations can save tens of thousands of dollars a year in energy costs. And yield a faster return on investment than any other building system improvement. Yes, being a good steward of the environment is good for business. This website will show you how [GreenWise lighting choices](#) can improve specific market's energy costs.





We have a social responsibility to focus on the needs of customers and consumers, employees and the people in the communities we serve. It is our environmental responsibility guided by the basic principal that prevention is better than cure. We will minimize the impact of our products, processes and services.

So how are we doing this?

- We are the only lighting manufacturer with a USGBC LEED® Silver certified headquarters.
- We offer more light emitting diode (LED) fixtures than any other fixture manufacturer.
- We are reducing job site dunnage by using job packs and engineered packaging solutions and converting to biodegradable packaging materials.
- We are implementing recycling programs for defective returns and scrap.
- We are an active member of the U.S. Green Building Council (USGBC).

Greenwise products

Since lighting accounts for 30% of a building's total electricity consumption, this is the first place a building manager or owner should consider upgrading to conserve energy and lower operating costs. The Hubbell Lighting family of sustainable Greenwise lighting solutions minimizes negative environmental impact and lowers utility bills, and can help cut lighting costs 50% or more without sacrificing light levels.

Adding lighting control systems offers even more savings. On average, according to the U.S. Environmental Protection Agency (EPA), potential energy savings with occupancy sensors can be 32% in private offices, 60% in restrooms, 44% in conference rooms, 55% in corridors and 63% in storage rooms. Hubbell Lighting



offers a variety of lighting control products, to accommodate a wide variety of building types and spaces:

- [Daylighting Controls >>](#)
- [Occupancy Sensors >>](#)
- [High Bay Controls >>](#)
- [Networked Controls >>](#)



Project Management.
Organizational solutions from Hubbell to help increase productivity.

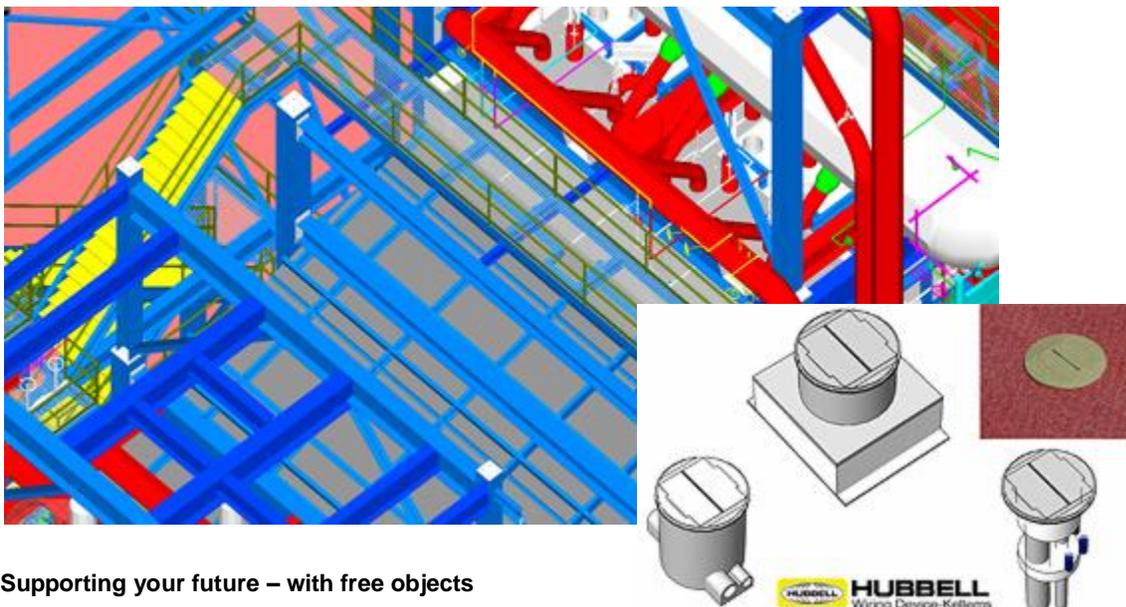
Building Information Modeling

The future of cost-effective construction

No doubt you've heard of Building Information Modeling. But you may be uncertain whether it will become a part of the way you do business. David Morris, director of virtual construction services for the EMCOR Group Inc., has this to say:

“On the West Coast, it’s a requirement for up to 85 percent of all projects. BIM adoption on the East Coast is accelerating. Midwest and Southern states are just beginning. The economy for all practical purposes hasn’t created a pull back to more traditional design methods. In fact, it’s just the opposite as firms embrace BIM for better project delivery and lower risk. Even the U.S. Army Corps of Engineers is requiring BIM for many of its civil works and military construction projects.”

From *Design/Build and BIM Meet*
Jeff Gavin, Electrical Contractor Magazine



Supporting your future – with free objects

Hubbell recognizes the cost-saving potential of Building Information Modeling – the time and money saved by avoiding unexpected conflicts between building services during construction. That's why we began developing objects for Hubbell products early in the adoption of this technology, to enable you to download these objects and use them in your designs.

[Click here](#) or on the image to the right to download Hubbell modeling objects.

SystemOne Modular In-Floor System

Hubbell SystemOne is an innovative system that provides consumers with the flexibility to create personal solutions for the most demanding multi-service applications for both flush in-floor boxes and fire-rated poke-throughs.



Hubbell SystemOne features a unique universal cover assembly and a wide variety of application sub-plates that install on both Hubbell flush floor boxes and fire-rated poke-throughs. Now, whatever the application, Hubbell SystemOne delivers a consistent, aesthetic and functional solution for applications “in-the-floor” or “through-the-floor” for power, voice, data, and audio/video requirements.

[Click here](#) to download the 8-page SystemOne brochure (4 MB).



[Featured Markets & Industries:
Hubbell Products for Growing Market Segments.](#)

Sustainable Data Center Solutions

Conserve energy, reduce space, enhance reliability and uptime



with Hubbell Wiring Systems

From the building power source to the cabinet to the workstation, Hubbell Wiring Systems has the reliable power and data solutions needed to deliver efficient power, transport critical data, support the latest networking applications and effectively manage high-density equipment to ensure data center sustainability. [More >>](#)

Take a Virtual Tour

Browse Hubbell Wiring solutions with our virtual data center, for information about a wide variety of power and data products:



Browse our Catalog:

SpikeShield 2[®] service entrance and branch panel surge protection devices

NextFrame equipment racks and iFrame server and networking cabinets

Channel systems

OptiChannel fiber MTP plug-and-play cassettes and 12-fiber cords

IEC Pin and Sleeve 20A to 100A connections

Vertical and horizontal metered power strips

Kellems[®] strain relief grip

Twist-Lock[®] Power Devices

50A Insulgrip[®] Twist-Lock[®] plugs and connectors
XXL Cable Management

System

BIDnet[™] preterminated copper trunk assemblies

CONNEXION zone distribution

system

Deep and shallow access floor boxes

Ground fault products and receptacles

Keystone copper and fiber jacks and AV connectors

Occupancy sensors

FEATURED PRODUCTS



Hubbell NextFrame[™] equipment racks and iFrame server and networking cabinets support hot aisle/cold aisle cooling configuration and optimize airflow to keep critical equipment cool and reduce power consumption while facilitating upgrades and data center aesthetics.

Hubbell Twist-Lock[™] Power Devices prevent unintentional disconnects to ensure uptime of critical active equipment. Available in 15A, 20A and 30A configurations. Watertight Safety-Shroud[®] designs further enhance safety and reliability of data center electrical connections.





Hubbell BIDnet™ preterminated copper trunk assemblies are factory tested and terminated for maximum performance and reduced installation time. Because BIDnet assemblies are made to the exact length and number of connections, they eliminate unwanted cable waste.

DOWNLOADABLE RESOURCES



New Brochure! Sustainable Data Center Solutions



HPW Data Center Solutions Guide



10 GbE Cabling Installation Guidelines



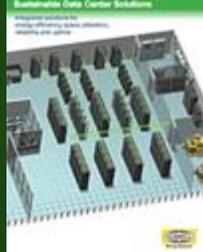
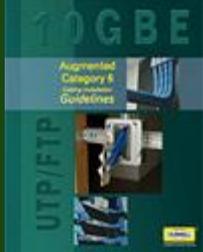
Literature and Information to help you turn green products into sustainable growth.

Resources for Building a Sustainable Business

On this Page:

- Electrical Products
- Lighting Products
- Power Transmission & Distribution
- Education
- Selling Tools
- Energy Calculators
- EPA Act 2005

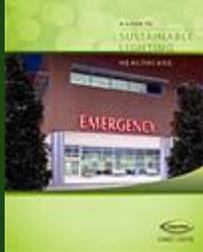
Electrical Products

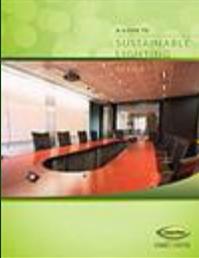
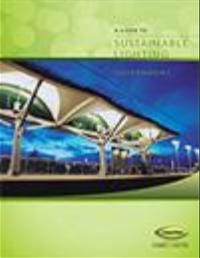
Hubbell Educational Solutions for Power, Voice and Data	Sustainable Data Center Solutions	Data Center Solutions Guide	10 GbE Cabling Installation Guidelines
			
19 pgs / 1.3 MB	7 pgs / 4 MB	32 pgs / 7.2 MB	32 pgs / 1.2 MB

Energy Products	Education Products	Healthcare Products
<ul style="list-style-type: none"> H-MOSS Applications (video) H-MOSS Sensors (video) H-MOSS Applications (PDF) H-MOSS Sensors (PDF) H-MOSS Sensors (E-Learning) H-MOSS Buy American (PDF) Data Center Solutions (E-Learning) 	<ul style="list-style-type: none"> Educational Solutions (PDF) Delivery Guide (PDF) Floor Boxes & FRPT (video) Pre-Wired Raceway (video) Tamper-Resistant Receptacles (video) Tamper-Resistant Receptacles (video) SystemOne In-Floor System (E-Learning) 	<ul style="list-style-type: none"> SNAPConnect Receptacle (video) Receptacle Buyers Guide (PDF)

[↑ Back to top](#)

Lighting Products

ARRA Stimulus Plan Lighting Solutions	ARRA Stimulus Plan Specification Guide	A Guide to Sustainable Lighting – Schools	A Guide to Sustainable Lighting – Healthcare
			
19 pgs / 1.3 MB	7 pgs / 4 MB	32 pgs / 7.2 MB	32 pgs / 1.2 MB

<p>A Guide to Sustainable Lighting – Office</p>	<p>A Guide to Sustainable Lighting – Manufacturing</p>	<p>A Guide to Sustainable Lighting – Government</p>
		
<p>19 pgs / 1.3 MB</p>	<p>7 pgs / 4 MB</p>	<p>32 pgs / 7.2 MB</p>

<p>Featured Lighting Products</p>	
<p>Prescolite LiteFrame® with W/FT2 Optics Kim Lighting Warp9® LED Site and Street Luminaire Sportsliter® Sports Lighting Solutions</p>	<p>Columbia Lighting e-poc® Full Distribution Luminaire Dual-Lite LE Series Edge-Lit Exit Sign</p>

[↑ Back to top](#)

Power Transmission & Distribution

<p>Stimulus Package Solutions</p>	<p>Quadri*Sil Ad</p>	<p>Substation Products Ad</p>
		
<p>7 pgs / 563 KB</p>	<p>1 pg / 805 MB</p>	<p>1 pg / 773 KB</p>

<p>Products to Cut Transmission Costs</p>	<p>Protective Grounding Set Tester</p>
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Featured Power Transmission & Distribution Products

Versa-Tech® Single-Phase Recloser
 CHANCE® hot line tools, standoffs, bi units and deadend arms

BURNDY® WEJTAP™ Disconnect Switch
 Raptor AR Inverted Switch

[↑ Back to top](#)

Education



The National Electrical Manufacturers Association (NEMA) has teamed with the lighting members of the electrical industry to launch a Web-based initiative aimed at saving energy and reducing energy costs in the 5 million existing commercial, industrial, and institutional buildings in the United States. The campaign called, “enlighten America,” targets building owners, operators, executives, and anyone who is interested in upgrading lighting products in un-renovated buildings.

Industry Links (from NAED):

- American Society of Heating, Refrigerating and Air-Conditioning Engineers
- Architecture 2030 Building Owners and Managers Association (BOMA) International
- International Facility Managers Association (IFMA)
- New York State Energy Research and Development Authority
- Sustainable Buildings Industry Council
- SYLVANIA Environmental Responsibility
- U.S. Green Building Council

[↑ Back to top](#)

Selling Tools

Some helpful selling tools provided by the National Association of Electrical Distributors (NAED)

	<p>Findings in Brief: Services and Solutions to Help Customers Go Green</p> <p>This brief outlines existing and emerging energy management products and services sold and provided by electrical distributors now and in the future.</p>
	<p>Findings in Brief: The Green Market: Trends, Breakthroughs & Business Opportunities</p> <p>This paper investigates how trends in energy efficiency markets, renewable energy systems, the “smart grid,” and carbon markets provide electrical distributors with new opportunities to meet the nation’s demand for energy management solutions.</p>
	<p>Selling Toolkit: NAED Green Electrical Guides for Commercial and Industrial Markets</p> <p>With NAED’s new Upgrade Guides – one for commercial, one for industrial – you’ll help your commercial and industrial customers save money, save energy, and be more efficient (offered at a nominal cost).</p>

[↑ Back to top](#)

Energy Calculators

Discover how much you may save by upgrading to an energy efficient Hubbell lighting system. Our Energy Savings Calculators will help you discover the range of energy and lighting savings possible.

Download [The Payback Machine – Microsoft® Excel Calculator](#). You will be required to provide more lighting information; this information will remain private.

The Payback Machine

[Edit Default Settings](#)

[Reset Form](#)

	Fixture 1	Fixture 2
Select Fixture		
Name of Fixture		
# of Lamps	0	0
Initial Lumens per lamp	0	0
Initial Lumens per fixture	0	0
Lamp Lumen Depreciation	0.0%	0.0%
Maintained Lumens per fixture	0	0
Lamp Life in Hours	0	0
Ballast Factor	0.00	0.00
Fixture Efficiency	0.0%	0.0%
Delivered Lumens	0	0
System Watts	0	0
Delivered Lumens per Watt	0.0	0.0
Select Cost and Usage		
# of Fixtures	0	0
Total Watts	0	0
Electrical Rate per kWh	\$0.10	\$0.10
Operating Hours per Day	N/A	N/A
# of Days per Week	N/A	N/A
Operating Weeks per Year	N/A	N/A
Occupancy Sensor Adjustment	100%	100%
Total Annual Operating Hours	0	0
Total System Lumens	0	0
Annual Energy Cost	\$0.00	\$0.00
Cost of Fixture with Lamps	\$0.00	\$0.00
Total Fixture Cost	\$0.00	\$0.00
Fixture Cost Difference	\$0.00	\$0.00
Annual Energy Cost Difference	\$0.00	\$0.00





0% Lamp Lumen Depreciation



100% Lamp Lumen Depreciation

For point-by-point calculations, [LitePro 2.0 for Windows®](#) is also available. This lighting analysis program will require more detailed specifications.



The lighting savings opportunities in Energy Policy Act of 2005 (EPAct) are based on the ASHRAE/IES Standard 90.1-2001 and are calculated based on the type of space being upgraded (office, manufacturing, healthcare, school).

[↑ Back to top](#)

EPAct 2005

The Energy Policy Act of 2005 establishes a long-range energy policy to combat the nation's growing energy crisis. Effective January 1, 2006, through December 31, 2013, the U.S. government is offering substantial, accelerated tax incentives as a reward for installing new or renovating with energy efficient lighting, HVAC and/or building envelope technologies in qualifying applications.

EPAct 2005
THE ENERGY EFFICIENT COMMERCIAL BUILDINGS DEDUCTION

Understanding EPAct | Hubbell Solutions | Savings Examples | Savings Calculation | Energy Tips

Hubbell Lighting, Inc. provides a full range of indoor and outdoor lighting products for commercial, industrial, institutional and residential markets. Our brands will consistently design, develop and deliver innovative products and services that meet the needs, values and decision drivers of the markets we serve.

Make It Happen With Hubbell Design Solutions.
Hubbell can provide lighting design assistance to help you accurately determine your lighting needs.

Backed with the Hubbell Warranty You Expect.
Hubbell Lighting will always deliver lighting products of lasting service and quality.

HUBBELL
HUBBELL LIGHTING, INC.

EPAct 2005 | Who Qualifies for the Incentive? | How is it Calculated? | How do you Verify it?

Lighting, a critical component of energy use today, costs 40% of the average commercial building's electric bill. Energy efficient upgrades reduce energy consumption and operating costs by 50% or more and often pay for themselves within months.

Generally, lighting renovation investments are amortized over the life of the system. One of the most significant benefits of EPAct 2005 is that it allows a larger portion of the capital investment to be depreciated in the first year.

For more information please visit the [Hubbell EPAct 2005 Website](#)