



HIGH-PERFORMANCE COMMERCIAL GREEN BUILDING PARTNERSHIP

Gordon V.R. Holness, P.E.

Chairman, High Performance Commercial Green Building Partnership (HPCGBP)

February 2, 2009

Drury B. Crawley
Commercial Buildings Team Lead
U.S. Department of Energy
Office of Building Technologies
1000 Independence Avenue, SW
Washington, DC 20585-0121

Re: Submission for Recognition of High-Performance Green Building Partnership Consortium, 73 FR 73311

Dear Mr. Crawley:

This letter constitutes response to the Federal Register Notice (73 FR 73311) dated December 2, 2008 calling for formal recognition by DOE of High Performance Green Building Partnership Consortia.

To satisfy the requirements outlined in this solicitation, a new consortium has been formed. This consortium, chaired and administered by the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE), and titled "The High Performance Commercial Green Building Partnership (HPCGBP)" is a multi-disciplinary group dedicated to assisting and advising the Department of Energy in the adoption of technologies, tools, and processes necessary to achieve net-zero energy performance levels in commercial buildings. The fundamental goal of the partnership is to assist DOE in meeting the requirements stipulated in Subtitle B of the Energy Independence and Security Act (EISA) of 2007.

ASHRAE initiated formation of the HPCGBP and formed a steering committee to govern the work of this consortium. In addition to ASHRAE, other members of the HPCGBP's steering committee currently include the American Institute of Architects (AIA), Air Conditioning, Heating, and Refrigeration Institute (AHRI), Alliance to Save Energy (ASE), Building Owners and Managers Association (BOMA), International Code Council (ICC), Illuminating Engineering Society of North America (IES), National Association of State Energy Officials (NASEO), National Electrical Manufacturers Association (NEMA) and the U.S. Green Building Council (USGBC).

In order to fully satisfy representative qualifications as outlined in the DOE solicitation, additional organizations and industry associations were recruited as advisory members of the Consortium. These bodies represent design professionals, real estate development and construction, building owners and operators, academic and research institutions, building standards and code organizations, independent high performance green building organizations, experts in indoor air quality, product manufacturers, utilities, and energy efficiency advocates. Attached in Appendix 1 is a listing of the current partnership membership as of January 31, 2009 with their sector identifications indicated in parentheses. For the most current membership list, please see <http://www.hpcgbp.org>.

In addition to the steering committee and organizational members, the Partnership is assembling a resource network of individual design professionals and construction companies, universities, utility companies, agencies, manufacturers, and other parties that have demonstrated leadership in high performance and sustainable buildings.

The HPCGBP does not currently include representatives from the DOE national labs or federal agencies, but upon recognition, we look forward to working with the labs and agencies identified for participation by the

[The High Performance Commercial Green Building Partnership](http://www.hpcgbp.org)

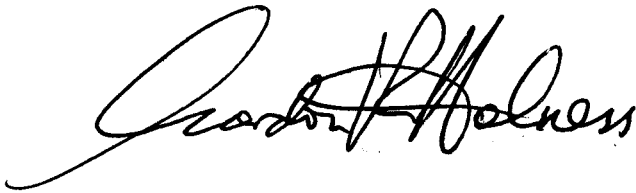
Department of Energy. Also, the partnership intends to engage with the existing and future “sectoral alliances” established by the Department and to actively collaborate with other consortia that may respond to the DOE notice, representing regional organizations or other commercial sector interests.

We believe this consortium will bring strength and depth of resources (including necessary financial) to the table to help explore and disseminate new technologies, practices, and delivery systems and to promote, monitor and report on developments in the industry at the federal, state and local level. We are uniquely qualified to provide the services sought by DOE in response to EISA Section 421.

If you have any questions regarding the Partnership, please contact Doug Read in ASHRAE’s Washington Office (202-833-1830 or dread@ashrae.org).

We look forward to receiving notification of formal recognition and to working with the Department on this and other important endeavors.

Sincerely,

A handwritten signature in black ink, appearing to read "Gordon Holness". The signature is fluid and cursive, with the first name "Gordon" being larger and more prominent than the last name "Holness".

Gordon Holness

- cc: American Institute of Architects (AIA)
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
Air-Conditioning, Heating and Refrigeration Institute (AHRI)
Alliance to Save Energy (ASE)
Building Owners and Managers Association (BOMA)
Illuminating Engineering Society (IES)
International Code Council (ICC)
National Association of State Energy Officials (NASEO)
National Electrical Manufacturers Association (NEMA)
U.S. Green Building Council (USGBC)



HIGH-PERFORMANCE COMMERCIAL GREEN BUILDING PARTNERSHIP



ABOUT THE PARTNERSHIP

The **High-Performance Commercial Green Building Partnership** (HPCGBP) was established to bring together leading organizations across all aspects of the building community to further the development of high-performance commercial buildings. The partnership intends to be recognized as a “Partnership Consortium” by the Department of Energy as requested in response to the Energy Independence and Security Act of 2007 Section 421 and Federal Register notice, 73 FR 73311.

Secretariat



ASHRAE, founded in 1894, is an international organization of 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

Steering Committee



The Air-Conditioning, Heating, and Refrigeration Institute represents more than 300 manufacturers of HVACR products, who collectively employ over 130,000 American workers. The trade association can provide access to industry leaders and top equipment and system design experts from the industry who are developing the next generation of indoor comfort solutions and commercial refrigeration.



The American Institute of Architects’ 84,000 members work with their communities to create more valuable, healthy, secure, and sustainable buildings and cityscapes using sustainable design practices, materials, and techniques.



The Alliance to Save Energy was founded in 1977 as a bi-partisan, government-industry alliance to promote energy efficiency worldwide in order to achieve a healthier economy, a cleaner environment, and greater energy security. Over 155 Alliance Associates operating in all 50 states and 115 foreign countries represent leading private sector firms with aggregate revenues in excess of \$1.5 trillion, industry associations in all end-use sectors, state and local public agencies covering half the US population, investor-owned and public-power utilities, and non-government organizations committed to the goal of advancing energy efficiency.



BOMA International is an international federation of more than 100 local associations and affiliated organizations. Our 18,000-plus members own or manage more than 9 billion square feet of commercial properties in North American and abroad. BOMA’s mission is to enhance the human, intellectual and physical assets of the commercial real estate industry through advocacy, education, research, standards and information.



The International Code Council, a membership association dedicated to building safety and fire prevention, develops the codes used to construct residential and commercial buildings, including homes and schools. Most U.S. cities, counties and states choose the International Codes, building safety codes developed by the International Code Council.



The Illuminating Engineering Society represents 10,000 members dedicated to improving the lighted environment by bringing together those with lighting knowledge and translating that knowledge into actions that benefit the public.



The National Association of State Energy Officials is the only national non-profit organization whose membership includes governor-designated energy officials from each state and territory. The organization was created to improve the effectiveness and quality of state energy programs and policies, provide policy input and analysis, share successes among the states, and to be a repository of information on issues of particular concern to the states and their citizens.



With its approximately 430 member manufacturers, the National Electrical Manufacturers Association is a recognized leader of electrical energy-efficient products and technologies utilized in high performance buildings. Through its diverse membership, NEMA provides technical expertise in the development and practical application of technical standards for high performance buildings.



The U.S. Green Building Council (USGBC) is a non-profit organization committed to expanding sustainable building practices. USGBC is composed of more than 18,000 organizations from across the building industry that are working to advance structures that are environmentally responsible, profitable, and healthy places to live and work.

The High Performance Commercial Green Building Partnership

c/o ASHRAE, 1828 L Street, NW, #906 • Washington, DC 20036 • 202.833.1830 • <http://www.hpcgbp.org>

PARTNERSHIP MEMBERS (Letters in parentheses indicate sectors identified in the Federal Register Notice.)

- Air Conditioning Contractors of America (ACCA) (J)
- American Council for an Energy Efficient Economy (ACEEE)(L)
- American Council of Engineering Companies (ACEC) Council of American Mechanical and Electrical Engineers (CAMEE)(A)
- American Council on Renewable Energy (ACORE) (I)
- American Public Transportation Association (APTA) (K)
- American Society of Mechanical Engineers (ASME) (A)
- American Society of Plumbing Engineers (ASPE) (A)
- Associated Builders & Contractors (ABC) (B)
- Associated General Contractors of America (AGC) (B)
- ASTM International (E)
- Austin Energy (I)
- Building SMART Alliance (H)
- California Energy Commission (CEC) (I)
- Capital Markets Partnership (CMP) (B), (F)
- Construction Specifications Institute (CSI) (B)
- Continental Automated Buildings Association (CABA) (H)
- Energy Efficiency Partnerships of Greater Washington (I)
- Green Building Initiative (GBI) (F)
- GREENGUARD Environmental Institute (GEI) (F)
- Heating, Airconditioning & Refrigeration Distributors International (HARDI) (J)
- International Association of Lighting Designers (IALD)(A)
- International Association of Lighting Management Companies (NALMCO) (J)
- International Association of Plumbing And Mechanical Officials (IAPMO) (E)
- International Council of Shopping Centers (ICSC) (C)
- International Facilities Management Association (IFMA)(C)
- Mechanical Contractors Association of America (MCAA)(B),(J)
- Midwest Energy Efficiency Alliance (MEEA) (I)
- Minnesota Center for Energy and Environment (I)
- National Association of Home Builders (NAHB) Commercial Builders Council (B)
- National Association of Industrial and Office Properties (NAIOP) (C)
- National Electrical Contractors Association (NECA) (J)
- National Fenestration Rating Council (NFRC) (E)
- National Fire Protection Association (NFPA) (F)
- National Institute of Building Sciences (NIBS) (D)
- National Institute of Standards and Technology (NIST) Building and Fire Research Laboratory (D)
- National Multi Housing Council (NMHC) (B), (C)
- National Roofing Contractors Association (NRCA) (J)
- New Buildings Institute (NBI) (F)
- New York City Building Performance Consortium (F)
- New York State Energy Research and Development Authority (NYSERDA) (I)
- Northwest Energy Efficiency Alliance (NEEA) (I)
- Pacific Gas & Electric (PG&E) (I)
- Penn State University Indoor Environment Center (D)
- Plumbing-Heating-Cooling Contractors-National Association (PHCC) (J)
- The Real Estate Roundtable (B), (C)
- Sacramento Municipal Utility District (SMUD) (I)
- Southeast Energy Efficiency Alliance (I)
- Southern California Edison (SCE) (I)
- Southern Energy Efficiency Center (D)
- Southface Energy Institute (F)
- Sustainable Buildings Industry Council (SBIC) (F)
- Texas A&M University Energy Systems Laboratory (D)
- Underwriters Laboratories (UL) (D)
- University Wuppertal (D)
- U.S. Environmental Protection Agency, Office of Administration and Resource Management (C)
- World Business Council for Sustainable Development (WBCSD)(J)

RESOURCE CORPORATIONS

- 3M
- Acuity Brands Lighting
- Aerco International
- Air Quality Sciences
- AirAdvice
- Building Intelligence Group
- CALMAC Manufacturing
- Cook + Fox Architects
- Cree, Inc.
- CTD Energetics
- Daikin AC (Americas), Inc.
- Day-Brite Lighting Business
- Eclipse Energy Systems
- E-Mon, LLC
- Epstein Global
- Extruded Polystyrene Foam Association (XPSA)
- Forest City Hawaii
- Forrester Construction
- GDI Construction
- GE Commercial & Industrial Lighting
- Grundfos Pumps Corporation
- Hanley Wood Business Media
- Hannon Armstrong
- HermanMiller
- Hines
- Hubbell Lighting
- ICADE International Division
- Kinetix [business ecology]
- Lutron Electronics
- McGraw-Hill Construction
- McQuay International
- Nailor Industries
- Optimum Energy, LLC
- OSRAM SYLVANIA
- OWP/P
- PennBarry
- Philips Electronics North America Corporation
- Polyisocyanurate Insulation Manufacturers Association (PIMA)
- Schneider Electric
- Somfy Systems Inc.
- Southern Company
- Sustainable Energy Partnerships
- Taylor Engineering
- TENG Solutions
- Terrapin / Bright Green
- Tillou Engineering
- Time Equities, Inc.
- Titus
- Trane
- TRIRIGA
- United Technologies
- Yale University, Office of Facilities

High-Performance Commercial Green Building Partnership Memberships

Current as of February 2, 2009

(see <http://www.hpcgbbp.org> for the most current membership list)

Organization	Address 1	Address 2	City	State	Zip	Phone	Fax	E-mail	Contact Name	Solicitation categories
Secretariat										
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	1828 L Street, NW	Suite 906	Washington	DC	20036	202-833-1830	202-833-0118	dread@ashrae.org	Doug Read	(A), (D), (E), (G), (H)
Steering Committee										
Air-Conditioning, Heating and Refrigeration Institute (AHRI)	2111 Wilson Blvd.	Suite 500	Arlington	VA	22201	703-524-8800	703-528-3816	jdoria@ahrinet.org	Jordan Doria	(J)
American Institute of Architects (AIA)	1735 New York Ave., NW		Washington	DC	20006	202-626-7300	202-626-7547	tbergan@aia.org	Tom Bergan	(A)
Alliance to Save Energy (ASE)	1850 M Street, NW	Suite 600	Washington	DC	20036	202-857-0666	202-331-9588	jharris@ase.org	Jeff Harris	(L)
Building Owners and Managers Association (BOMA)	1101 15th Street, NW	Suite 800	Washington	DC	20005	202-408-2662	202-326-6377	kpenafiel@boma.org	Karen Penafiel	(B), (C)
International Code Council (ICC)	500 New Jersey Ave., NW	Sixth Floor	Washington	DC	20001	888-422-7233		dkarmol@iccsafe.org	Dave Karmol	(E)
Illuminating Engineering Society of North America (IESNA)	120 Wall Street	Floor 17	New York	NY	10005	212-248-5000	212-248-5017	rharrald@iesna.org	Rita Harrold	(A)
National Association of State Energy Officials (NASEO)	1414 Prince Street	Suite 200	Alexandria	VA	22314	703-299-8800	703-299-6208			(I)
National Electrical Manufacturers Association (NEMA)	1300 North 17th Street	Suite 1752	Roslyn	VA	22209	703-841-3200	703-841-5900	dain.hansen@nema.org	Dain Hansen	(J)
U.S. Green Building Council (USGBC)	1800 Massachusetts Ave., NW	Suite 300	Washington	DC	20036	202-828-7422		bhoward@usgbc.org	Bryan Howard	(F)