News & Views for Building Professionals

ClientCurrents

United for Quality.

THE ELECTRICAL ALLIANCE
National Electrical Contractors Association and Local 26 IBEW

Building Beyond Green

The Next Generation of Sustainable Buildings

Washington Business Journal's List of LEED-Certified Spaces, Platinum certified, Discovery Communications Building, Silver Spring, MD

Buildings are becoming more energy efficient and more technologically advanced by the day.

"The hottest trend right now is "smart buildings", says Lew Tagliaferre, a writer for Buildings magazine. "The automated buildings will connect to a "smart grid" and increase energy efficiency far beyond today's capabilities."

As part of the 2009 American Recovery and Reinvestment Act, the Department of Energy will distribute $11 billion to improve the country's electricity grid and upgrade to the smart grid. This means building owners must have skilled electricians who know how to install the latest systems.

The Electrical Alliance—a collaborative effort between the contractors of the Washington, D.C. Chapter of National Electrical Contractors Association (NECA) and the Local Union 26 of the International Brotherhood of Electrical Workers (IBEW)—has a long history of promoting green technologies throughout the construction industry.

It provides advanced green building training opportunities and regular regional green building news via an e-newsletter to its member contractors. In addition, it supports the biannual Solar Decathlon, held on the National Mall.

"It's an exciting time to be in the electrical industry. Electricians are literally shaping the future of how our buildings function."

–Joe Dabbs, Local 26 IBEW

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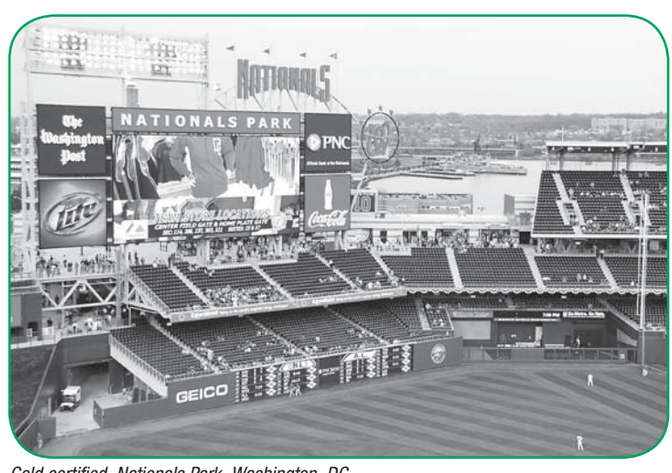
Recently, the *Washington Business Journal* released its 2009 list of LEED-certified spaces.

Of the 24 spaces listed, 22 were worked on by an Electrical Alliance contractor.



FRANK SHEEHAN

Gold certified, Nationals Park, Washington, DC

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The Newest Green Buildings

Story inside

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Electrical Alliance contractors have put the training to good use. Recently, the *Washington Business Journal* released its 2009 list of LEED-certified spaces. Of the 24 spaces listed, 22 were worked on by an Electrical Alliance contractor.

"Our members have been striving to lead the efforts toward energy efficiency and green techniques in the electrical industry for years and I think this list proves that we are really doing that," says Andrew Porter, executive director of NECA.

In addition to the contractor's training, the Electrical Alliance is training future electricians to build the next generation of buildings. The electrical apprentices take alternative energy classes, examine the solar panels that contribute power to the training facility, as well as gain hands-on experience with contractors on job sites.

Electrical Alliance contractors will continue to refine their skills in others emerging green techniques such as Net-Zero Energy Building, Smart Metering, ZigBee™ Energy Systems, Comverge™-SuperStat, and Energate as well; preparing the nation's capital for tomorrow's buildings.

The Green List

Electrical Alliance Contractors and the *Washington Business Journal*'s List of LEED-Certified Spaces

Platinum

1. Discovery Communications Global Headquarters
   Electrical Contractor:
   VARCO/MAC Electrical

Gold

2. 1101 New York Avenue
   Electrical Contractor:
   Truland Corporation
3. One Potomac Yard
   Electrical Contractor: **Freestate Electric**
4. Two Potomac Yard
   Electrical Contractor: **Freestate Electric**
5. Innovation FBI field office
   Electrical Contractor: **Power Services**
6. 20 M Street
   Electrical Contractor: **Freestate Electric**
7. National Oceanic and Atmospheric Administration Satellite Operation Facility
   Electrical Contractor: **Mona Electric**
8. SEIU Headquarters
   Electrical Contractor:
   NATELCO Corporation
9. Camille Kendall Academic Center
   Electrical Contractor: **Mona Electric**
10. American Speech-Language Hearing Association HQ
    Electrical Contractor:
    NATELCO Corporation
11. Bowie Corporate Center
    Electrical Contractor:
    Chesapeake Electrical
12. National Parks
    Electrical Contractor:
    Truland Corporation

Silver

13. National Geographic Society Headquarters
    Electrical Contractor: **Salsbury Electric**
14. Potomac Center North
    Electrical Contractor: **Freestate Electric**
15. Dulles Discovery Phase 1
    Electrical Contractor:
    Truland Corporation
17. The Regent
    Electrical Contractor:
    Chesapeake Electrical
18. Ballston Point
    Electrical Contractor:
    J.E. Richards Electric
19. Navy League Building
    Electrical Contractor:
    J.E. Richards Electric
20. Monument Corporate Center Phase 1
    Electrical Contractor:
    J.E. Richards Electric
22. Pentagon Library and Conference Center
    Electrical Contractor: **Limbach Company**

Spaces must be 100,000 square feet and Silver-certified to be considered for the Washington Business Journal*'s list.*