



BETTERBRICKS AWARDS: SAMPLE NOMINATION FORM

Nominees may only enter the BetterBricks Awards in one city. The nominee must be practicing in that particular area to apply. Please choose from the following options:

- Idaho
- Portland/SW Washington
- Puget Sound region

In which city is the nominee located?

Portland/SW Washington

Categories:

OWNER/DECISION MAKER: Those who make decisions about strategic direction regarding investments in high performance buildings. These executives, developers, owners and managers support, authorize and generally enable high performance building to be built and operated.

DESIGNER: Those who design projects including architects and designers, design and systems engineers (mechanical & electrical), and others who are involved in design concept with regard to new buildings and major renovations.

ADVOCATE: Those who advocate for and support the design and operation of high performance buildings including consultants, government, non-profit, educators, and others.

BUILDING OPERATOR/SERVICE PROVIDER: Open to a team or an individual who operates, manages and provides ongoing services to existing buildings including facility directors, managers and operators; mechanical contractors, control companies, equipment manufacturers and commissioning agents.

EMERGING LEADER: Those who show promise of leadership in the area of sustainable, high-performance buildings, with a special emphasis on energy efficiency and integrated design concepts. This can also be for work on new or existing buildings.

Which category are you nominating for?

Owner/Decision Maker

Nominee:

Name: John Jones

Company: XYZ School District

Title: Director of Facilities

Nominator:

Name: Sam Smith

Company:

Email:

Phone:

Please provide as much detail as you can for each question:

1. **In general, what is the impact (energy, other environmental, community, organizational) of the nominee's work?**

Energy

- **46.6%** of kWh saved last year (July-06/June-07) compared to the base year (July-97/June-98). The Electric Cost Avoided for this last year is **\$765,696**.
- **52.2%** of Natural Gas saved last year (July-06/June-07) compared to the base year (July-97/June-98). The Natural Gas Cost Avoided for this last year is **\$499,889**.
- Total Cost Avoided for all Utilities for this last year is **\$1,336,864** (47% reduction over base year).

Other Environmental

- **35.4** percent reduction of solid waste sent to the land fill
- **29.5** percent reduction in water usage
- **6.3** percent reduction in sewer fees

Community

The XYZ School District (XYZ) received the 2006 ENERGY STAR Partner of the Year Award. Additionally, XYZ was the first organization to receive the ENERGY STAR LEADER Award for its exceptional performance in Energy Management. The District operates its buildings at an average of 45/kbtu/sqft, which is significantly below the national average. 16 of its 19 schools have achieved ENERGY STAR Certification with the Bronze ENERGY STAR Plaque displayed near the front doors of the schools. This shining example of leadership is now carried into the community through the XYZ Chamber of Commerce, as it promotes Environmental Stewardship and Energy Management through educational events where John Jones is a guest speaker.

Organizational

In January, 2004 John Jones entered the District at a Supervisor level and has been promoted to the Director of Facilities.

2. **How has the nominee promoted sustainable, high performance buildings with a special emphasis on energy-efficiency within his/her organization?**

The single largest factor John Jones has brought to XYZ is his philosophy of quality customer service and continuous improvement. The District started an energy and resource conservation program in 1998 and when John arrived, the District had a strong

conservation culture. John built upon this foundation by introducing daily maintenance into energy management, transitioning from a focus on fixing broken equipment to a comprehensive system solution which incorporates all facets of the building to achieve and sustain Best Practice.

John is in the operations and maintenance business, but he understands that he is really in the people business. This “people focus” has greatly improved the customer service his team delivers to the schools and has a tremendous ripple-effect throughout the entire District. To facilitate the people side of business, John adopted the appropriate technologies and integrated these new solutions into the daily lives of his people. The following is a few examples of the technology John’s people utilize:

1. Web-based Work Order System: To better respond to operational and maintenance issues, the old paper, phone and fax system was replaced with a District-wide web application for facilitating all support requests. This information is transmitted straight to the technician via a hand-held device.
2. Interval Data Meters: Each school has meter recording electricity consumption in 15-minute intervals. This information is available the next morning to assist in evaluating the school’s performance. Having this timely access to usage data places each school’s Energy Champion in a pro-active position to reduce use and quickly solve problems.
3. Internet-based Energy Management Reporting: Accurate and timely information is critical to the success of any management program. Sharing this information in an easy-to-understand format engages people, and the more they are engaged the better decisions they will make, which in turn produces better results. The screen shot below is the home page of XYZ’s new Resource Conservation Management (RCM) Energy Center. This web application provides easy access to user-friendly reporting, promotes the District’s success, and serves as a communication hub for all energy management activities.

3. How has the nominee promoted sustainable, high performance buildings with a special emphasis on energy-efficiency outside his/her organization?

As stated above, XYZ received the 2006 ENERGY STAR Partner of the Year Award. Additionally, XYZ was the first organization to receive the ENERGY STAR LEADER Award for its exceptional performance in Energy Management. The District operates its buildings at an average of 45/kbtu/sqft, which is significantly below the national average. 16 of its 19 schools have achieved ENERGY STAR Certification and display Bronze ENERGY STAR plaques near their front doors. This shining example of leadership is now carried into the community through the XYZ Chamber of Commerce, as it promotes Environmental Stewardship and Energy Management through educational events where John Jones is a guest speaker.

4. If involved in the design of new buildings, how has the nominee incorporated integrated design concepts (paying attention to climate, use, loads and systems) into his/her projects? (This question may or may not apply to all nominees.)

This question does not apply to John Jones.

5. If involved in improving the energy performance of existing buildings, what techniques has the nominee implemented to achieve significant savings? (This question may or may not apply to all nominees.)

XYZ has not built a school since John started with the District in 2003. However, most of XYZ's conventional schools outperform school's that were built recently using the latest integrated design concepts. The District is preparing for extensive growth and anticipates building 5 new schools over the next 8 years. The Capital Project Plan contains a wide variety of energy design features.

John serves as a judge on the American School and University's 2007 panel to select winners for their Architectural Portfolio. American School and University magazine is the premier publication for American Schools.

6. What makes the nominee's approach innovative and successful?

Buy-in From All Parties

The leader of a school is the Principal and the care-taker of the school is the custodian. To achieve and sustain Best Practice, both the leader and the care-taker must be engaged and empowered to take ownership over their school's energy use. When this happens, capturing energy savings becomes a part of the school's daily routine and conservation is a way of life. John Jones has seen that this culture of energy conservation has embedded itself in the District's day-to-day operations.

Comprehensive Approach

The following poster highlights the critical components of XYZ's site-based energy management solution.

(see diagram on next page)

Today, each of the 19 schools has its own Building Conservation Plan (BCP) that was designed specifically for the school and daily electric load profiles are monitored to ensure that the BCPs are being properly implemented.

7. Describe other key accomplishments, community involvement or leadership you wish to mention.

John is a member of the XYZ Chamber of Commerce.

John is an accomplished public speaker for Energy Management. He has been a key speaker at various conferences in the Northwest: The Powerful Business Conference/Puget Sound Energy, The Association of Energy Engineers National Conference in Seattle, Oregon School Facility Management Association Conference, and the International Association of School Business Officials.

8. Provide examples of commercial buildings that the nominee's work has influenced, including, when possible, energy savings estimates (using percentages, dollars or kWh saved) and background materials on projects.

John adopted more efficient technologies for the daily management of operations in the District's schools which resulted in a reduction of CO2 emissions by 4.8 millions pounds and reduced energy consumption by 45 percent, equating to \$1.3 million in cost savings. This money goes back to the education of the district's children. John's work

has also shown that even some of the more inefficient buildings and HVAC systems can, if managed correctly, offer the opportunity for to reduce electricity, natural gas and oil consumption by 10-45 percent.

As a voice for environmental stewardship, John promotes XYZ as a model for schools around the globe. Over the course of the 2004-05 school year, XYZ saved the equivalent of 22 teaching positions by turning off lights in unoccupied rooms, monitoring building equipment and schedules, standardizing room temperatures and encouraging energy conservation practices. Today, XYZ uses about 40 percent less energy than the national average for K-12 school buildings, which means it costs the district about 40 percent less to heat, cool and light its buildings than average schools in the area.

Reference 1 (required):

Name:

Company:

Email:

Phone:

Reference 2 (optional):

Name:

Company:

Email:

Phone: