



THE 2011 PUGET SOUND BETTERBRICKS AWARDS

Honoring champions of high performance buildings.

BetterBricks is the commercial building initiative of the Northwest Energy Efficiency Alliance, which is supported by local electric utilities. Through BetterBricks, NEEA advances ideas to accelerate energy savings in new and existing buildings. We'd like to thank this year's judges of the 2011 BetterBricks Awards: Mark Aalfs, Tacoma Power; Alan Budman, Snohomish PUD; David Landers, Puget Sound Energy; Javad Maadani, Seattle City Light; Isla McKetta, AIA Seattle; Stan Price, NEEC; Joel Loveland, Puget Sound Integrated Design Lab; Kathi Shoemake, Puget Sound ASHRAE and Jack Davis, NEEA's BetterBricks initiative.

For more information on BetterBricks visit www.BetterBricks.com



The 2011 BetterBricks Awards are sponsored by:

CHRISTINE O. GREGOIRE
Governor



STATE OF WASHINGTON
OFFICE OF THE GOVERNOR

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Greetings from the Governor
February 17, 2011

I am delighted to extend warm greetings to all of those attending the 2011 BetterBricks Awards.

It is truly a pleasure to join with the Northwest Energy Efficiency Alliance (NEEA) in applauding tonight's honorees for their leadership in environmentally-responsible business practices. Today, more than ever before, we face environmental and economic challenges that require change, and your work supports our broader, statewide efforts to reduce our carbon footprint and achieve sustainability.

I applaud NEEA's BetterBricks initiative for its ongoing commitment to energy efficiency, innovation, and environmental stewardship. I hope your leadership, along with this year's award winners, will motivate and inspire other businesses to take action, propelling Washington even further ahead as a national leader in sustainable building.

Thank you for coming, and please accept my best wishes for a memorable time of celebration.

Sincerely,

Christine O. Gregoire
Governor

THANK YOU TO THE 2011 BETTERBRICKS AWARDS UTILITY SPONSORS:



Puget Sound Energy offers a full array of commercial rebates, custom grants and services that support energy efficiency in your buildings and business practices. We offer financial incentives for small and large businesses and for building owners. For more information, contact a PSE Energy Advisor at 1-800-562-1482, or visit www.PSE.com. Puget Sound Energy. The energy to do great things.

OWNER / DEVELOPER

Sponsored by: ULI Seattle



Swedish Issaquah Healthcare Campus.



WINNER:

DANIEL COXALL
SENIOR PROJECT EXECUTIVE, HAMMES COMPANY, SEATTLE

KEY PROJECTS: Swedish Issaquah Hospital Campus; St. Francis Hospital

E.D./ICU/Central Plant; Mercy Medical Center E.D. Addition and Renovation

WORDS OF WISDOM: "In our development of the Swedish Issaquah project we adopted the phrase of 'practical green.' We wanted to put our time, efforts and funding in the areas that provide the greatest impact on efficient building operations while at the same time striking a balance with the environment."

WHAT THE JUDGES SAID: "Daniel has set the bar high for advancing sustainable design in the healthcare industry and the Swedish Issaquah Healthcare Campus is on track to emerge as a showcase in energy efficient healthcare."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS: As Senior Project Executive at Hammes Company, Daniel has been a consistent advocate for sustainability and energy efficiency on all projects in which he has been involved—whether in a leadership or advisory role. Most recently, Daniel spearheaded the effort to achieve unprecedented energy savings and sustainability measures for the new Swedish Issaquah Healthcare Campus in Seattle. The project began with an aggressive energy goal of 150 KBtu/square foot per year, roughly 60 percent of what a typical Northwest hospital uses, which would place this hospital in the top tier of energy efficient hospitals in the region and possibly in the nation. In addition to his work on the design features of Swedish Issaquah, Daniel has worked tirelessly to raise up to \$4.7 million in grant funding for this project and to date the team has secured \$2.8 million. Daniel also promotes sustainability through his role as a member of the American Society for Healthcare Engineering among other organizations.

OWNER / DEVELOPER

Sponsored by: ULI Seattle



Avalon Towers, Bellevue.



WINNER:

BRIAN FRITZ
VICE PRESIDENT OF DEVELOPMENT, AVALONBAY COMMUNITIES, INC., SEATTLE

KEY PROJECTS: Avalon Towers Bellevue; Avalon Queen Anne; Avalon Ballard; Avalon Meydenbauer

WORDS OF WISDOM: "Numbers speak louder than words with large developers. Now that there is a plethora of information and data associated with the benefits of green building, the positives to the bottom line for developers, owners and ultimately residents are enough to justify investing in energy saving products and systems."

WHAT THE JUDGES SAID: "In a time when buildings and properties sold themselves, AvalonBay invested in energy savings. Now when the market has changed drastically, Brian and the company have persevered with an innovative and sustainable mixed-use project that is ready for the future."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS: Brian was a leader behind the Avalon Towers Bellevue, a mixed-use project consisting of apartments, retail, a restaurant and parking. This was the first project at AvalonBay Communities to pursue such well-defined sustainable goals and Brian worked within his organization to change the standard approach and find a way to realize future energy savings while remaining in the building and operational budget. Throughout the project, Brian created a collaborative environment, which motivated each team member to work harder and find the next sustainable solution. The integrated design team worked together from the beginning and met with Puget Sound Energy early on in order to understand incentives available to offset portions of the increased first cost of the upgraded system. Avalon Towers was completed in 2010 and is designed to save 865,000 kWh and 15,250 Therms of energy annually, which equates to approximately \$85,000 per year.

ADVOCATE

Sponsored by: Cascadia



- Bentall Kennedy
- CB Richard Ellis
- City of Seattle
- Clise Properties
- GVA Kidder Mathews
- Hines
- King County
- Sellen Construction
- Tishman Speyer
- Unico
- Virginia Mason
- Vulcan
- Washington Holdings
- Wright Runstad

Properties within the Seattle 2030 District – a private/public alliance to create the first high performance district in the country.



WINNER:

PETER DOBROVOLNY
GREEN BUILDING SPECIALIST, CITY OF SEATTLE

KEY PROJECTS: The Seattle 2030 District; City of Seattle LEED Incentive Program; AIA+2030 Professional Series; Priority Green Facilitated Permitting

WORDS OF WISDOM: "As wisdom doesn't need to be created, I favor an African proverb – 'If you want to go quickly, go alone. If you want to go far, go together.' I suggest that to meet the many challenges of climate change before us, we need to go quickly, and together."

WHAT THE JUDGES SAID: "Peter has been a tireless advocate both personally and professionally for energy efficient building at all levels—from macro policy frameworks to the specific application of integrated design principles for projects."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS: Peter brings vast knowledge to his work as an advocate of green building with experience at Seattle City Light, the City of Seattle and formerly as a practicing architect. He understands that success is directly related to relationships and in order for a project to be successful, there must be trust and buy-in among all the people involved. Because of this mentality, Peter has led the way in the development of many green building initiatives including Seattle's 2030 District Challenge, AIA+2030 Professional Series and a host of educational opportunities through Cascadia Green Building Council, which named him a Fellow in 2010. At the City of Seattle, Peter developed the first green permitting program to accelerate the adoption of green building practices and assist innovative projects to serve as visible models of high performance and sustainability. He frequently brings various city department staff together to assist projects that are struggling with green building code barriers and helps projects become successful sustainable models.



Seattle City Light partners with commercial and industrial customers to conserve electricity. Saving electricity is the most cost-effective way to meet our future energy needs. To encourage adoption of energy-saving technologies, Seattle City Light offers free site facility energy surveys and technical advice, and rebates to promote energy-savings upgrades. Energy efficiency programs are available for both existing buildings and new construction. Visit www.seattle.gov/light/conserve or call 206-684-3800 for more information.

ADVOCATE

Sponsored by: Cascadia



Center for Urban Horticulture at the University of Washington, Seattle, WA. Image courtesy of Miller Hull.



Photo Credit: Susan Doar

WINNER:

KATHLEEN O'BRIEN
PRESIDENT, O'BRIEN & COMPANY,
SEATTLE

KEY PROJECTS: Building with Value Conference; National Sustainable Building Advisor Program; Merrill Hall at the Center

for Urban Horticulture, University of Washington; Technical Manual and Field Guide for Washington State Energy Code/1991 Residential Energy Code

WORDS OF WISDOM: "Be teachable, so you can learn and so those you work with can witness it and open themselves to the opportunities. Go outside of your comfort zone, and be willing to make big, glorious and sometimes public mistakes."

WHAT THE JUDGES SAID: "Kathleen has an ongoing commitment to sustainability as well as integrated design education and professional development. She is a true leader on the local, regional and national level."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Kathleen has been instrumental in building critical early momentum for the green building movement in the Puget Sound area. Her leadership and philosophy of "walking the talk" has enabled her to rally people around the idea of sustainability that was foreign to many just a decade ago. An example of her advocacy work through education was on the Sustainable Building Advisory (SBA) course, which was started in 1999. Soon after its inception, Kathleen began to help grow the program by designing and formatting the required materials to meet the needs of working professionals and working to promote and expand the program. To date, more than 1,000 professionals have taken the course around the country. Kathleen has also worked tirelessly to organize and promote green building conferences in the region including Building with Value and Sustainable Building Northwest. Within her organization, Kathleen has nurtured a culture where employees take a high degree of responsibility in saving energy in their workspace and the office space truly exemplifies an integrated approach.

EMERGING LEADER



Federal Center South. Image courtesy of ZGF Architects.



WINNER:

CHRIS FLINT CHATTO
ASSOCIATE PARTNER, SUSTAINABLE
DESIGNER, ZGF ARCHITECTS LLP,
SEATTLE

KEY PROJECTS: GSA Federal Center South, District Headquarters; Fifth +

Columbia Tower; University of Washington, Molecular Engineering Building; Seattle Children's Hospital—Phase 1 Campus Expansion

WORDS OF WISDOM: "What I find so intriguing about design is that it bridges the line between the practical and the possible—mediating between what we have in the present and what we desire for the future."

WHAT THE JUDGES SAID: "Chris is an inspired practitioner of sustainable and energy efficient building design and takes immense personal initiative. His work is carefully done and the questions he asks consistently take the work to a higher and more thoughtful level of development."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Chris is a powerful and effective leader who advocates for sustainable design both within and outside of his firm. Within ZGF, Chris developed and implemented a firm-wide Energy Benchmarking Program to track and compare the energy use of ZGF projects by type and measure against various industry benchmarks including the 2030 Challenge, LEED and code baseline. This program allows people to discover how their building performs and has become an important part of the firm's commitment to meeting the 2030 Challenge and ultimately achieving a net zero impact. Chris' ability to speak the same language as the engineers and other technical consultants has helped develop innovative integrated design solutions that benefit both the environment and the building tenants. In addition to his considerable work at ZGF, Chris shares information including project successes and challenges with colleagues and industry peers to build upon these efforts and has been an active member in a number of related civic, educational and professional organizations.

EMERGING LEADER



Qwest Field Stadium and Event Center Resource Conservation Project.



WINNER:

JASON TWILL
SENIOR PROJECT MANAGER,
SUSTAINABILITY, VULCAN, INC.,
SEATTLE

KEY PROJECTS: Qwest Field Stadium and Event Center Energy Conservation Project;

Experience Music Project/Science Fiction Museum Energy Conservation Project; Seattle 2030 District; Green Sport Alliance.

WORDS OF WISDOM: "In an industry that must go through a significant transformation to ensure a sustainable future for our region, the ability to effectively communicate change is imperative. One must know their audience, understand their mental models, and provide a clear and compelling case."

WHAT THE JUDGES SAID: "Jason is simply a force of nature. His determination, collaborative spirit and sheer energy level are astounding—a tsunami of energy efficiency and sustainability momentum. We'll all be working for Jason one day."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Jason has a vision for the Northwest to become the international leader in sustainability. He works tirelessly within and outside of Vulcan to promote energy efficiency and sustainability and pushes the discussion in new and important arenas. Under direction of Ray Colliver, Vice President of Design and Construction at Vulcan, Jason has provided guidance to the design and construction teams for all South Lake Union projects including Enso/2201 and Amazon multiple phases totaling over two million square feet of buildings. He has also spearheaded energy conservation programs at Experience Music Project, Qwest Field, Vulcan Corporate Offices and Flight Operations at Boeing Field. Jason's most recent and notable venture has been his work as the Chair of the Board of Directors for the soon-to-be-announced Green Sport Alliance, a group of regional Northwest sports teams and their related arenas and stadiums that have come together to encourage all teams and venues to measure their environmental impact and seek improvements wherever possible. He is also extremely active in the Seattle 2030 District and serves as a City of Seattle Carbon Coach.

ARCHITECT

Sponsored by: AIA Seattle



Olympia Avenue Student Housing Lobby, Washington State University.



WINNER:

RON VAN DER VEEN
PRINCIPAL, DLR GROUP, SEATTLE

KEY PROJECTS: University of Washington's Nordheim Court; Mars Hill Graduate School; Portland State University's Epler Hall; Washington State University's Olympia Hall

WORDS OF WISDOM: "We are all aware of the critical importance of our jobs to reduce energy in the built environment and to push for more sustainable communities. I often need to remind myself how important it still is to create spaces, buildings and communities that inspire the human spirit."

WHAT THE JUDGES SAID: "Ron's lifelong professional commitment and persistence in leading clients to pursue energy efficiency has led to success stories—buildings with proven track records—which have built momentum in mainstreaming advanced designs focused on energy efficiency."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Over the past two decades Ron led or participated in over 30 LEED projects at Mithun including the Lloyd Crossing Project in which he was a design lead and helped the project establish a net zero energy goal and water district. Now at DLR Group, Ron brings his vast knowledge that goes beyond the design of buildings and into the human connection and how people interact with the built environment. He is particularly interested in how buildings and places are perceived and evolve as they respond to the sun, wind, light and landscape. Because of this, Ron starts the integrated design process early on, taking into consideration both the inside and outside of the building and how they can work in concert. Ron and his team set a benchmark for themselves of LEED Silver or higher for all their projects, whether or not this goal was driven by the client. Outside of his work, Ron is a frequent national lecturer and is a founding board member of the Association for the Advancement of Higher Education (AASHE). This consortium of colleges and universities works to create a sustainable future by providing institutions with strategies that will have a positive effect on facilities as well as operations, curriculum, education and research.



Tacoma Power offers our New Construction program for commercial and business customers. We provide rebates, prescriptive incentives and custom incentives for a wide range of energy efficiency measures. Additional incentives are also available to building designers and owners with efficiency projects that beat the energy code by 30 percent or more. For more information, call 253-502-8619, or visit knowyourpower.com.



Snohomish County PUD offers commercial and industrial customers a variety of energy programs and technical services including financial incentives for the installation of efficient equipment in both existing buildings and new construction. For details, visit us at www.snopud.com or call 425.783.1700.

PROPERTY MANAGER

Sponsored by: BOMA Seattle / King County



Key Center Bellevue.



Photo credit: Vicki Fehl, Unico Properties

WINNER:

**UNICO PROPERTIES
PUGET SOUND
MANAGEMENT TEAM:**
Brett Phillips, Sustainability
Project Manager; Portfolio
Chief Engineers – Mike

Bedsworth, Clarence Clipper and Steve Guagliardo; Jim Rock, General Manager, Metropolitan Tract; Darrin Williams, General Manager, Bellevue; Ross Peyton, General Manager, Renton/Tacoma

KEY PROJECTS: FAA Building; Wells Fargo Plaza; Rainier Tower

WORDS OF WISDOM: "In an era of shrinking budgets, let's not lose sight of environmental stewardship. Sustainable property ownership, management, and development can be accomplished today by utilizing best practices and innovative financing methods that conserve resources, preserve quality of life in our communities, and improve value in our investments."

WHAT THE JUDGES SAID: "Unico is firing on all cylinders, displaying an amazing set of accomplishments. Proactive engagement from top management and a consistent approach across the region created a track record of ENERGY STAR and LEED performance across Unico's portfolio."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS: Each member of the Unico Puget Sound Property Management Team has worked tirelessly to reduce energy and implement green leases across a range of Unico properties in the Puget Sound area. This team has helped Unico to reduce its energy consumption portfolio-wide by 3.4 percent, benchmark 100 percent of the portfolio using ENERGY STAR Portfolio Manager and establish quarterly sustainability reports. The Puget Sound team has also led a corporate initiative to complete ASHRAE Level I energy audit training for the engineering staff, which empowers Unico engineers to identify energy-saving opportunities while improving in-house expertise and communication. In their Puget Sound buildings they have reduced energy consumption in Unico Puget Sound portfolio by 14 percent, improved the average ENERGY STAR rating from 74 to 84 (34 percent more efficient than the national average) and helped half of Unico's Puget Sound portfolio to achieve LEED certification—representing 21 percent of all LEED EB buildings in Washington State.

PROPERTY MANAGER

Sponsored by: BOMA Seattle / King County



FINALIST:

JEFF MYRTER & JEFF KASOWSKI
GENERAL MANAGER, DIRECTOR OF
ENGINEERING, WRIGHT RUNSTAD &
COMPANY, SEATTLE

KEY PROJECTS: Company Energy and Environmental Stewardship Initiative; led two scoping; incorporated an Energy and Environmental Stewardship report into quarterly property manager report; water reclamation at 1201 Third Avenue

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Jeff Myrter and Jeff Kasowski have successfully formulated Wright Runstad's energy and environmental stewardship vision, strategy and objectives. By organizing the audit and analysis of the entire 5.5 million square-foot portfolio of Wright Runstad properties, they have identified best practices and energy savings opportunities. They infuse a strong business sense into any proposed improvements in order to have a positive effect on the bottom line. Jeff and Jeff have taken a leading role in creating an innovative, whole system tenant and broker education program in order to inform, coach and enlist the participation of tenants in reducing energy use, waste and water consumption and brokers in creating green leases. In addition, through the participation of the Kilowatt Crackdown, provided by BOMA and NEEA's BetterBricks, Jeff and Jeff have decreased the Energy Use Index (EUI) in Wright Runstad's portfolio by 5 percent and increased ENERGY STAR scores by 11 percent with an average score of nearly 87.

DESIGN ENGINEER

Sponsored by: Puget Sound ASHRAE



FINALIST:

SCOTT RUSHING
PRINCIPAL, RUSHING COMPANY,
SEATTLE

KEY PROJECTS: Pike Place Public
Market; Amazon.com; Alto Apartments;
Lake City Village

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Scott has been an engineer for more than 20 years and has been a longtime supporter for energy efficient design before LEED was even a standard. He co-founded Rushing Company in 2006 and oversees the engineering efforts where he has established an open, collaborative environment among his employees. Scott has had a broad impact within the design and construction industry, with experience in designing mechanical systems of all sorts—from museums to data centers. Because of this knowledge and his willingness to donate countless hours, Scott has been instrumental in working with the City of Seattle and the State of Washington to help ensure the Energy Code language is more focused on energy efficiency, while still maintaining design reality, cost effectiveness and build-ability.

DESIGN ENGINEER

Sponsored by: Puget Sound ASHRAE



PRMCE Acute Care Tower.
Image courtesy of ZGG Architects LLP.



WINNER:

**DICK MOELLER, NORM BROWN &
FINN JAKOBSEN**
PRESIDENT, PRINCIPAL AND ASSOCIATE,
CDI ENGINEERS, LYNNWOOD

KEY PROJECTS: Providence Regional Medical Center, Everett Colby Campus Acute Care Tower; Swedish Medical Center; MultiCare Good Samaritan Hospital; Central Washington Hospital Expansion

WORDS OF WISDOM: "CDi is committed to the design of efficient, safe and adaptable healthcare environments. With our deep immersion in the science of healthcare mechanical design, we lead our clients, test new theories and products, and advise the architectural, owners and regulatory communities on the best path toward a sustainable health care future."

WHAT THE JUDGES SAID: "With the leadership of these individuals, CDi Engineers has re-invented itself around innovation and energy efficiency. Their body of work and ongoing commitment have translated integrated design concepts into real-world projects."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Dick, Norm and Finn have been instrumental in leading and supporting a sustainable approach to design and consulting at CDi Engineers. They also actively participate in educating and encouraging the entire CDi staff to make sustainability "business as usual." Through their leadership, CDi now utilizes a collaborative design process to help healthcare clients make educated decisions that not only improve energy efficiency on the project, but enhance the comfort and productivity of building occupants. Dick, Norm and Finn foster a high level of collaboration on CDi projects—the renovation and expansion of the Providence Portland Medical Center was a recent example. Because of early collaboration, the property owner's \$3 million they invested for incremental costs to incorporate energy efficient design features saw a 30 percent return on investment. In addition, this project is expected to achieve the highest level of electrical energy savings of any of Providence's 27 hospitals in the Western United States—about 7.5 million kilowatt-hours per year, which translates into \$525,000 savings annually in energy costs. Dick, Norm and Finn consistently support and encourage a sustainable approach to design at CDi and provide many in-house opportunities and training programs for staff members to present and share their expertise with one another.

SERVICE CONTRACTOR

Sponsored by: NEEC



Key Center Bellevue.



WINNER:

**DAVID NIEMAN &
MACDONALD-
MILLER BUILDING
PERFORMANCE GROUP**

SENIOR BUILDING PERFORMANCE ENGINEER,
MACDONALD-MILLER, SEATTLE

KEY PROJECTS: Wells Fargo Center; 32001 Federal Way; Key Center Bellevue; Bellevue Regional Library; 7707 Detroit Ave SW; 1301 Second Avenue

WORDS OF WISDOM: "Not unlike older buildings, newer more energy efficient buildings have room for improvement. In fact, newer buildings most often deliver better financial results than older buildings because they already have the technology infrastructure in place to perform load-based energy management."

WHAT THE JUDGES SAID: "Dave and the team at MacDonald-Miller have an extraordinary portfolio of demonstrated energy saving results with small, mid-size and large commercial customers. They have developed an impressive set of services and informational tools that are at the cutting edge of energy efficiency."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Dave and the Building Performance Group have proven how an operational-savvy, efficient-minded service provider can assist building owners and operators to achieve significant energy savings while improving occupant comfort through load-based control strategies. In order to reach maximum energy and cost savings, Dave and his team use a "Report Card," which is a comprehensive energy optimization reporting system. The numerical and visual aspects of the Report Card process allow for a more clear understanding of the energy usage of a building. Energy efficient building operations have been a core element of Dave's DNA for a long time and as the Chief Engineer of the 1301 Second Avenue property (formerly known as the WAMU Center), Dave was responsible for achieving an ENERGY STAR rating of 100, making it the first financial institution in the nation to achieve this rating of excellence. Dave and the Building Performance Team support every aspect of the MacDonald-Miller business—from sales to engineering to service tasking. They recognize the demands and challenges of building owners and operators and create value-oriented services to find solutions.

FACILITY MANAGER / OPERATOR

Sponsored by: IFMA



Boiler Stack Heat Recovery project.



WINNER:

EDWARD KRAUSE
CHIEF OPERATING ENGINEER,
PROVIDENCE ST. PETER HOSPITAL,
OLYMPIA

KEY PROJECTS: At St. Peter Hospital: boiler efficiency improvements including stack heat recovery, burners, controls and operating; chiller plant efficiency improvements; new 1,650 ton chiller plant with optimized controls, high efficiency pumping and pressure independent flow control

WORDS OF WISDOM: "In a time of 'do more with less' we will all benefit from doing a little more than the boss expects, give him or her more than they expect and never say 'I can't.' Once trust is earned the resources will flow more readily."

WHAT THE JUDGES SAID: "Edward's drive and dedication to continuous energy improvement at Providence St. Peter Hospital is obvious. We are impressed by the sheer number of energy efficiency projects he has led and his persistence to show a demonstrated record of savings at his facility."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

As Chief Operating Engineer at Providence St. Peter Hospital, Edward oversees 719,000 square feet of space. He leads a team of four other operating engineers and a utility systems technician in identifying, implementing, monitoring, maintaining and commissioning hospital mechanical and electrical utility systems. Edward takes a systematic approach to energy and water efficiency, ensuring that the initial scope and details of the efficiency measure design are correctly identified and designed for long-term life. In hospital operations and maintenance, with tough demands on facilities – including 24/7 operations – thoughtful input from operations and maintenance staff in the design process is essential to effective, efficient operations. As a result of Edward's leadership, St. Peter Hospital has been acknowledged with the ENERGY STAR certification in 2003 and 2006-2009 and holds a current score of 81 in the ENERGY STAR portfolio. In addition, energy and water consumption at St. Peter Hospital continued to drop dramatically in 2010—electricity was reduced by 6 percent, natural gas by 9 percent and water by 4 percent in one year alone.

FACILITY MANAGER / OPERATOR

Sponsored by: IFMA



Virginia Mason Medical Center, Seattle.



WINNER:

STEPHEN J. GROSE
ADMINISTRATIVE DIRECTOR, VIRGINIA
MASON MEDICAL CENTER, SEATTLE

KEY PROJECTS: University of Washington's Nordheim Court; Mars Hill Graduate School; Portland State University's Epler Hall; Washington State University's Olympia Hall

WORDS OF WISDOM: "I've learned over the years that sustainability projects cannot be sold on financial merit alone. Rather, these initiatives need to be tied to an organization's core focuses – whether it's the improved ability to deliver high quality products, provide a safer and more comfortable physical environment or improve staff and customer satisfaction."

WHAT THE JUDGES SAID: "Stephen's personal commitment to energy efficiency is clearly expressed through his leadership with the American Society of Healthcare Engineering. Both Virginia Mason and the healthcare industry in the region are big winners due to Stephen's tireless efforts."

CONTRIBUTION TO HIGH PERFORMANCE BUILDINGS:

Despite slow adoption of conservation efforts in medical centers nationwide, Stephen has identified enormous opportunity to conserve resources, recycle and prevent waste in the Virginia Mason health care system. Under Stephen's leadership, Virginia Mason (VM) has invested in initiatives focused on electricity, steam and water conservation that have included efforts such as retrofitting lighting, building control upgrades and upgrading three decentralized chiller plants on the VM Seattle campus. In 2007 Stephen harnessed staff enthusiasm around formal recycling and energy reduction efforts in the kitchen, making VM the first hospital in the Northwest to recycle and compost food waste. Shortly after, he helped VM again achieve a "first" status as the region's first hospital to implement a blue wrap and plastics recycling program in its operating rooms. Stephen has also taken his sustainable focus outside VM with his work as a member of the Seattle 2030 District and as the regional director for the American Society for Healthcare Engineering (ASHE). He is one of the original collaborators on the design of the ASHE Region 10 E2C Challenge, which mobilizes Northwest healthcare facility managers in a precedent-setting commitment to save energy, reduce costs and protect the environment.