

Welcome to REM (Resource Efficiency Manager) News, providing information to encourage the use of on-site, dedicated, self-funded individuals (REMs) to reduce resource costs at federal facilities.

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### REM News – June 2002

A monthly newsletter from the Total Efficiency Network at the Washington State University Cooperative Extension Energy Program.

<http://www.energy.wsu.edu/projects/rem/>

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#### Topics for the June issue:

Salute to Scott Wolf as he moves on

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Profile of Northwest Navy's "regional" REM

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Energy efficiency helped avert 2001 crisis

Wind energy becomes more competitive

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#### **Salute to Scott Wolf as he moves on**

For nearly six years Scott Wolf, manager of the Total Efficiency Network's Resource Efficiency Manager program, watched the endeavor grow from no REMs to 22 today covering nearly 50 federal facilities.

The program has had an influence upon other facilities, too, that have chosen to make commitments to energy efficiency without official REMs.

As the newly hired community and business program division manager at Washington State University's Cooperative Extension Energy Program, I would like say it was great to see a lot of you recently at the Energy 2002 conference in Palm Springs, California. I would also like to extend my thanks to Scott for his hard work and wish him well as he moves on to the regional U.S. Department of Energy office in Seattle.

I realize the value of the work that Scott and all of you REMs have been doing and pledge my support for continuation and expansion of that effort.

If you wish to contact me, please do so at:

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or by telephone: Todd Currier, (360) 956-2038

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### **Energy 2002: A Hot Success!**

By all accounts, the Fifth Annual Workshop and Exposition sponsored by the U.S. Department of Energy's Federal Energy Management Program was a resounding success. A record number, 1,010, attended Energy 2002, held June 2-5, 2002, in Palm Springs, California. Co-sponsored by the U.S. Department of Defense, and the U.S. General Services Administration, Energy 2002: Hot Challenges, Cool Solutions will go down as one of the highlights of the year for energy management professionals.

Feedback from attendees at this year's event was outstanding, according to Jane Vander Linden, Energy 2002 marketing chair. Eighty percent of participants rated the event "Excellent," with the remaining 20 percent rating it "Satisfactory." Eighty-seven percent of attendees said they would recommend it to their colleagues. The vast majority of attendees were facility energy managers involved with energy efficiency, water conservation, and renewables. However, there was an increase in other occupations, such as procurement officials, policy managers, and architects. Similarly, many participants categorized themselves as either "federal civilian," or "federal military."

Energy 2002 offered the following tracks, with up to eight sessions in each:

- Energy 101
- Distributed Energy
- Facilities
- Policies, Programs and Partnerships
- Project Financing
- Renewables: The Green Scene
- Sustainable Building Design
- Technology
- Transportation
- Utilities
- Water Resource Management

While all segments of the workshop were well attended, the most popular track at Energy 2002 was Sustainable Design. More than 1,000 people attended the eight sessions in this track, which included "Best Practices in Building Commissioning," "Workplace Standards - Air Quality/Ergonomics," and "Pentagon Renovation Program."

Plans already are underway for Energy 2003, which will be held August 17-20 in Orlando, Florida, at the Wyndham Palace Resort and Spa. Details on sessions and registration will be available at the workshop web site soon, at:  
<http://www.energy2003.ee.doe.gov/>

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### **Profile of Northwest Navy's "regional" REM**

John Grobler has been the "regional" Resource Efficiency Manager at Navy Region Northwest (NRNW) since August 2000. The first year of this position was funded by a Federal Energy Management Program grant through the Washington State University Cooperative Extension Energy Program. Since the initial year, the position has been funded from savings generated at the NRNW facilities.

Grobler worked at NRNW facilities for 21 years prior to retirement from NUWC Keyport in 1995. A graduate from the University of Washington with a degree in electrical engineering (power systems, he was at the Environmental Protection Agency (EPA) prior to going to work at NRNW.

The NRNW consists of five major navy bases employing over 40,000 civilian and military personnel. The utility bills for these bases, plus various tenant and remote activities add up to over \$30 million annually.

Major projects in which he has been involved at NRNW include implementation of lighting retrofits, DDC controls, HVAC improvements; installation of Vending Misers in more than 600 vending machines; replacement of over 13,000 incandescent bulbs with compact fluorescent lamps in navy housing, and participation in the Bonneville Power Administration's Conservation and Renewables Discount Program. In all, he has implemented over \$9.68 million in energy efficiency projects. The project funding mix includes \$3.55 million in ESPC; \$1.74 million UESC; and \$4.39 million in utility incentives, grants, and buy-downs.

Future projects include a \$2.1 million wind turbine at Naval Air Station Whidbey Island (NAS WI), HVAC upgrades at Bremerton and NAS WI, GeoExchange systems at Subase Bangor, remote steam trap monitoring at three bases, upgrade to the central steam plant at Naval Station Everett, and upgrade of the compressed air systems at two bases.

Grobler's philosophy: Develop a plan and then get management approval from the top down; walk and talk energy, always; foster and promote teamwork by communicating regularly with the team members.

John Grobler may be contacted at:

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### **U.S. Supreme Court refuses to hear California case**

The U.S. Supreme Court declined to hear California Gov. Gray Davis's appeal of a lower court ruling barring him from commandeering power contracts during the state's energy crisis last year.

The action leaves in place a legal win by Duke Energy Corp., which had prevailed in a U.S. appeals court ruling overturning a lower court's decision in favor of the governor's contract confiscation. The corporation maintained that the action violated a U.S. Federal Energy Regulatory Commission procedure.

For more information, go to:

<http://www.energyinfosource.com/aoi/news-details.cfm?id=15963&Flink=&tf=6>

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### **Fort Lewis' conservation measures recognized**

Fort Lewis was featured in the May/June 2002 issue of *Public Works Digest*, a publication of the U.S. Army Corps of Engineers, for its conservation measures during the 2001 energy crisis. The article acknowledges Washington state Governor Gary Locke's congratulations for Fort Lewis' energy conservation efforts, as well as accolades from Tacoma Public Utilities, the electric utility that serves the fort.

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Col. Richard Conte, director of Public Works at Fort Lewis, explains why the Army base responded so quickly to Tacoma Power's initiative and elaborates on the effort made to reduce energy consumption.

The entire article (on pages 17-18) can be read at:

[http://www.hq.usace.army.mil/isd/PUBS/DIGEST/PWDigest\\_may\\_june\\_02.pdf](http://www.hq.usace.army.mil/isd/PUBS/DIGEST/PWDigest_may_june_02.pdf)

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### **Energy efficiency helped avert 2001 crisis**

A recent report from the American Council for an Energy Efficient Economy (ACEEE) describes how energy efficiency programs played a crucial role in helping to respond to electric system reliability concerns last year.

The 2001 energy crisis led to a strongly renewed interest in demand-side program strategies. The report is based on a national study.

For more information, go to

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<http://www.aceee.org/press/u021pr.htm>

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### **Wind energy becomes more competitive**

The U.S. Department of Energy's Wind Power Program has decreased the cost of wind energy from about 80 cents per kilowatt-hour in present dollars in 1980 to as little as 4 cents per kilowatt-hour today, according to DOE.

The agency is focusing on wind energy policy and research as a result of President Bush's national energy policy. In order to make wind energy more competitive in the near term, the Bush administration has called for a five-year extension of the production tax credit.

For more information, go to:

<http://www.facilitiesnet.com/news/Jun05news1.shtml>

<http://www.eren.doe.gov/wind/progstruc.html>

The REM News is brought to you by the Total Efficiency Network of WSU's Cooperative Extension Energy Program. The REM program for federal facilities is an integral part of the network. For more information, access the TEN Web site at <http://www.energy.wsu.edu/projects/rem/> or call toll-free at (888) 634-2558.

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