



ERAPPA.

Eastern Region Association of Physical Plant Administrators

News

“Leadership from

Within”



BY: FRANK MAZZOLA, KEENE STATE COLLEGE

On behalf of Keene State College I am pleased to invite you to join us for the NNECERAPPA Spring 2007 Conference. We are looking forward to having you visit our campus for education, networking, and sharing information and ideas. We have planned an excellent technical program along with the usual opportunities to get together with friends from other schools.

The theme of our program is “Leadership From Within”. Anything that an organization achieves is achieved by a group of people working together. This program will explore how we develop leadership throughout our organization. A track geared specifically for Leadership and HR Development will cover topics such as: How Committee Service Develops Leaders, Incorporating Baldrige Criteria in to facility assessments, Communication, and the ever popular experience exchange roundtable. Other tracks include topics in Grounds Management, Health and Safety and Capital Project Planning. Our keynote speaker during the open-

ing luncheon will be Lander Medlin, Executive Vice President of APPA.

Keene State College is geographically situated in the heart of New England, and located in the scenic Monadnock region of southwestern New Hampshire. The main venues for conference activities will be the new Zorn Dining Commons, where registration and the 62 Business partner exhibit hall is located. Educational tracks will be held in the newly renovated Science Center. Parking and lodging is conveniently located. We look forward to seeing you on March 15th and 16th in Keene. ■

Keene State College - March 15 and 16, 2007



E.R.A.P.P.A.
Eastern Region Association of Physical Plant Administrators

NEWSLETTER • 2

UVM Awarded for Energy Savings Efforts

BY: LAURA VILBERT, STAFF WRITER

VERMONT CYNIC

The University of Vermont's Physical Plant was recognized with a Governor's Award for Environmental Excellence and Pollution Prevention for their Energy Efficiency Programs.

"This is quite an honor for UVM and its energy conservation efforts. I am very proud to be part of this team," said Richard Wolbach, energy management engineer for the Physical Plant.

"The requirements for the award include: economic efficiency, ability of the program or activity to serve as a model for other efforts, level of commitment and leadership in waste reduction and pollution prevention, use of innovative approaches, techniques, and technologies, health and safety benefits, and benefits to the environment," Wolbach said.

The centralized building controls program is one of the completed projects at UVM.

According to the Physical Plant Web site, the large campus buildings at UVM are controlled by a centralized control system at the campus heating plant. The temperature and ventilation on the buildings are controlled through time and scheduling programs with specific set points.

UVM's hockey rink is also energy efficient, according to the Physical

Plant's Web site. The ice rink uses a filtration system that removes 95 percent of the impurities in the water used to make the rink ice. Entire ice thickness can be reduced to approximately .5 inches to 1 inch, using less water in ice formation and rink maintenance.

Another new program, according to the Physical Plant's website, is the new IPAC Cooling System installed to uphold a consistent cooling method. The IPAC system also uses less water and electricity than the old system. The IPAC Cooling System recycles the water and is reused to cool the pumps.

The Web site also states that other environmental improvements include: new water efficient washing machines, the energy efficient mini-fridges sold at the UVM Bookstore, sleep mode software for computers, a University-wide lighting change to energy efficient fluorescent bulbs and new shower

heads that limit water expenditure.

The Physical Plant, on their Web site, encourages faculty, staff and students to walk, use the Campus Area Transportation System, car pool, ride bicycles and to make use of public transportation. All of these steps will lower fuel consumption around the campus.

UVM's Energy management Office estimated savings for electricity of \$1.60 million in 2003, which they attribute to the energy policy that began in 1990, and new energy efficiency projects. ■

2009 is not that far away!

NNECERAPPA has started planning the 2009 ERAPPA Regional Meeting. The NNECERAPPA Board of Directors has selected Portland as the site of the meeting. The Holiday Inn - By the Bay will be the Conference Hotel. John Gratiot has appointed Dan Gearan of Saint Joseph's College and Gordon Cheesman of Colby College as Co-Chairs of the Portland 2009 Host Committee. If you are interested in being part of the Host Committee contact Dan or Gordon. The committee will start actively planning the meeting soon. 2009 is not that far away!

visit our website at: <http://www.erappa.org/nne/>

A Note From the Chapter President!

BY: JOHN GRATIOT, ASSOCIATE VICE PRESIDENT OF FACILITIES OPERATIONS

A big thank-you goes out to the folks at Dartmouth College for their efforts hosting the fall meeting that took place on November 14, 2006. For those of you who were not there, this meeting was an experimental one day event. The feedback we received from those in attendance indicated that the day was a success from the perspective of being a great educational opportunity with a chance to visit with our business partners. However, it was also clear from the survey results that the two day format is the preferred choice because it give more time for networking with colleagues from other institutions and the business partners. The meeting was a great success by the numbers with 140 institutional representatives coming from 46 different institutions, 42 business partners attending as registrants and another 90 business partners attending with their 45 booths....a total of 272 attending. I would also like to acknowledge the work of Jonathan Brush from the Hanover SAU, who worked with his colleagues from the K-12 schools to put together a wonderfully attended track for the K-12 folks. We had 39 attend the first timers session in the morning, a new record and many of them were from the K-12 schools. It is great that we are expanding our base of interested members.

Our next meeting will be held March 15 and 16, 2007 at Keene State College.

Your board met at Keene State in January to review the program and arrangements, and it looks like it will be a great conference. A highlight will be the keynote speaker at the Thursday lunch, Lander Medlin, the Executive Vice President of APPA. There will be the normal 4 tracks of education along with tours, great food and networking with the business partners. On Thursday night at the dinner we will hold the annual meeting which this year includes the election of new officers for the coming two years. I look forward to seeing you at Keene.

Again I want to remind everyone that your chapter offers 6 scholarships to the APPA Institute for Facilities Management twice a year. We offer full scholarships to this wonderful training opportunity and new this year, the scholarship has been increased to \$1,500 to help cover some of the travel and lodging expenses incurred going to these sessions. We also offer half scholarships to the Leadership Academy and to the ERAPPA and APPA annual Meetings. These scholarships are undersubscribed by our membership so please apply at our website, <http://www.erappa.org/nne/joom/>.

This will be my last newsletter as your President; my term ends at the Keene meeting. It has really been a pleasure working with and for all of you to help advance our chapter. I encourage all of

you to get involved in the chapter, it is a very rewarding experience working with a wonderful group of people all who are working hard in their regular jobs, but who care about making the NNECERAPPA the best it can be. Thank you all. ■

i attended the APPA Institute of 2007 in Orlando, Florida for the first time this year thanks to NNECERAPPA for the scholarship I received. I had a great time and learned so much. The instructors and the people I met from all over the world were very helpful, knowledgeable, and friendly. The classes were very interesting and informative. I am anxious to attend the APPA Institute again very soon. Again, thank you NNECERAPPA for the scholarship and the great opportunity.

Rebecca S. Houle
Administrative Associate
Facilities Management
University of Maine at Farmington



E.R.A.P.P.A.
Eastern Region Association of Physical Plant Administrators

NEWSLETTER • 4

New UVM Wind Tower Generates Power, Educational Opportunities

BY: BY JEFFREY WAKEFIELD

The university has installed a small-scale wind turbine on its campus near the corner of Main Street and East Avenue to generate power and serve a variety of educational purposes both on- and off-campus.

The turbine is expected to generate 3,000-5,000 kilowatt hours of electricity per year, enough to power an energy-efficient home for 12 months. It will be "net-metered," meaning that the power it creates will be incorporated back into the power grid through the Burlington Electric Department. The project is part of the Vermont Department of Public Service Wind Development Program, which supports the installation of turbines to demonstrate the benefits of wind energy.

Funding for the installation was provided by a \$30,000 matching grant from the DPS. The funds are a portion of \$1.5 million in U.S. Department of Energy funds secured by Senator James Jeffords for wind projects.

"This wind turbine represents UVM's forward thinking on matters related to energy and the environment," says Senator Jeffords, I-Vt., who has been a strong proponent of wind energy throughout his 30 years in Congress. "Faced with record-setting gas prices, we must explore all alternatives to fossil fuel. This project will help in that effort, and I am proud of UVM's

educational leadership on this front."

Governor Douglas said he supports the university's decision to locate a small wind turbine on its campus. "This small-scale wind generation equipment will provide a long term learning opportunity, and the results will help local wind-generation manufacturers generate valuable research data," Douglas says. "I would like to thank Senator Jeffords for his commitment to the advancement of Vermont-scale renewable energy."

"We're grateful to Senator Jeffords for his hard work and foresight in helping us add this important educational tool to our curriculum," says UVM President Daniel Mark Fogel. "As one of the leading environmental universities in the country, it's important that we both model sustainable practices and provide real world methods for our students and others to study and understand renewable energy technologies."

While the wind turbine will play a modest role in helping the university reduce its greenhouse gas emissions — cutting its CO₂ output by 3,500 to 5,900 pounds per year — its major purpose is educational. The turbine features a data logger enclosed at the base of the tower, which will collect and electronically transmit real-time information — including wind speed, wind direction, and kilowatts produced — to a Web site and nearby

kiosk.

Data collection and display are at the heart of the wind turbine's educational utility, says Charles Ferreira, a faculty member in the department of Community Development and Applied Economics in the College of Agriculture and Life Sciences, who was responsible for overseeing the educational components of the installation.

"There are many classroom applications," he says. "For instance, students will be able to project the amount of energy the wind turbine should be producing versus what it's actually creating," he said, "and then theorize about discrepancies." By analyzing weather data and energy production over time, students will be able to better understand what conditions are optimal for wind energy production, he says.

The wind turbine will be incorporated into three UVM courses being taught this fall: two in the department of Community Development and Applied Economics and one in the Rubenstein School of Environment and Natural Resources. Because the data is accessible on the Web, it could

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Emeritus/Retiree Winter'07

BY: DON BRISELDEN – EMERITUS/RETIREE COMMITTEE CHAIR

Dartmouth Fall Meeting:

Thanks to John Gratiot and the Dartmouth facilities team, lead by Linda Hathorn, for arranging a great meeting. Over 225 people attended with 40 business partners providing displays.

This one-day meeting was an experiment to see how a one-day format would work; and according to the survey, it worked well. The new format may be a useful alternative for host committees who cannot afford or who do not have the space and amenities to host the two-day meetings, especially in the fall when there are no student break periods.

Keene Spring Meeting

Frank Mazzola and staff will host the NNECERAPPA Spring 2007 Conference at Keene State College on Thursday & Friday, March 15 & 16, 2007. The theme of "Leadership From Within" captions many of the programs that will provide insight into how Keene is developing its facilities people. The program will include educational workshop sessions on sustainable grounds operations, organizational leadership, and emergency planning. Lander Medlin, APPA's Executive Vice President will be the guest speaker.

Future Chapter Meetings

We are looking forward to seeing you at the Keene meeting. If that is not an option, keep in mind that the schedule includes the following future meetings: Fall 2007 – Colby College, Spring 2008 – Saint Michael's College, Fall 2008 – Bates College

NNECERAPPA has started planning the 2009 ERAPPA Regional Meeting and has selected Portland as the site of the meeting. The Holiday Inn - By the Bay will the Conference Hotel. Dan Gearan of Saint Joseph's College and Gordon Cheesman of Colby College are Co-Chairs of the Portland 2009 Host Committee. If you are interested in being part of the Host Committee contact Dan or Gordon. The committee will start actively planning the meeting soon; 2009 is not that far away!

Where in the world is?

Hank Dozier sends his best with this note:

"I just commenced my 11th year at York Hospital as a volunteer directing a coronary health support group. Managed to apply and receive 5 years of grants to partially fund the operation. This is NOT a "cry in your beer" group as you can probably

imagine with me at the helm. Hundreds of wonderful patients and their loved ones have been in attendance over the years. Have just begun 4th year of serious bluegrass banjo lessons; a not to easy task when your initial baseline of knowledge is flat or non existent! Beth accompanies me on her Gibson acoustic guitar and we harmonize on bluegrass gospel tunes... and haven't attracted the wolves yet! LIFE IS GREAT!"

Bill Gardiner sends this update:

"I'm starting my third year as treasurer of the Mid Coast Hospital and chair the audit and the finance committees. I continue to serve on the Mid Coast Health Services Board as well as the MC Hospital Board.

I've just started to do some work for the Maine Maritime Museum in Bath. The main museum building has some severe problems with its exterior brick and split-faced block skin, primarily caused by water absorption and freezing and thawing that have been going on for years without remedy. We are going to undertake a complete analysis to find out where the water is coming from; the exterior and/or from interior humidified air leakage.

I'm back on the indoor riding arena for Riding to The Top, a therapeutic

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NEWSLETTER • 6

COLLEGE PRESIDENTS COMMIT CAMPUS FACILITIES TO CLIMATE NEUTRALITY

By: Dudley Greeley, Sustainability Coordinator

For nearly twenty years I've picked peaches from trees I planted near my barn north of Portland, Maine. Readers may be surprised to learn that peaches grow this far north but peaches have grown in the region for well over a century. It is likely to get easier. The planet is warming. While the peach trees may enjoy the hotter weather, our institutions' best scientists tell us this warming will not be all peaches and cream. Powering the Industrial Revolution with finite fossil fuels sold at fire sale prices has come with unwelcome costs. Continuously switching gears into an ever-more materials and energy-intensive society that grows at a net rate of over 200,000 folks each day has done more than add CO₂ to our atmosphere.

What does this have to do with managing our college and university campuses? A lot. The Presidents of the University of Maine at Farmington, University of Southern Maine, University of Maine at Presque Isle, University of Maine, Bates, Unity, College of the Atlantic and the University of New Hampshire have joined with 80 Presidents and Chancellors across the country to commit their campuses to create a comprehensive plan to power campus operations without emitting carbon dioxide – to make campus activities “climate neutral” - as soon as possible. These presidents are among the first to sign the Association for the Advancement of Sustainability in Higher Education's President's

Climate Commitment:
<http://www.presidentsclimatecommitment.org/>

What does the commitment mean for those of us who maintain, renovate and build campus infrastructure? In the long term it presents us with the challenge of finding ways to power our campuses with something other than fossil fuels. Toward this goal these presidents and chancellors have asked that their institutions complete within one year, a comprehensive inventory of all campus-related greenhouse gas emissions, including those resulting from electricity use, heating, commuting and air travel. In the near term, this effort asks us to set, and take steps to meet, a target date for achieving climate neutrality. The commitment gives campuses two years to create comprehensive plans but asks participating institutions to initiate at least two of six tangible actions while the plan is being developed. Many of our institutions are already doing two or more of the following suggested actions:

- Build and renovate to LEED™ Silver, equivalent, or better
- Purchase Energy Star® certified equipment in all areas where ratings exist
- “Offset” all greenhouse gas emissions from institution-paid air travel
- Provide access to, and encourage use of, public transit options for all campus community members
- Within a year of signing, purchase at least 15% of institution's electricity

from renewable sources
_ Support climate and sustainability shareholder proposals at companies our campuses invest in

What's in it for us? Better-built buildings require less maintenance. Eventually the US Green Building Council's LEED™ building criteria will include a prerequisite for new buildings to be built with credible provision of adequate accounts that will make it possible to care for these buildings. Such accounts don't have to be just in our dreams. Energy Star® equipment is easy on utility budgets and is increasingly designed and manufactured to be easy on maintenance staff as well. Using more efficient equipment only as it is needed extends service life, reduces maintenance calls and makes money available for salaries or other projects. Use of locally-sourced, sustainably-generated power can mean lower and less volatile energy prices. If we do our jobs well, our campuses will eventually be powered with little more than a portion of the energy in the sunlight that falls on our buildings. As a society, we have already started this process. Our children will tell their children how clever we were and how hard we worked. Our grandchildren will be proud. ■

EMERITUS/RETIREE UPDATE FROM PAGE 5

riding center north of Portland in Windham. The arena is complete and they will now start the administrative office section after a long but successful fund raising effort. Should be complete by late fall.

And I am still heavily involved with my board responsibilities at the Emma Willard School in Troy, N.Y. I chair the Facilities Committee and we are in the midst of a \$32 million adaptive reuse project to provide new dining facilities and extensive changes to the sitework. So, I am keeping busy although all of this is pro bono. But I enjoy all of it and assume that it helps the institutions. I remind all of them that my advice may only be worth what they are paying for it. Time will tell."

Dick Eustis wrote:

"I think I am one of those in the category of 'I don't know how I ever had time to work'. Currently, I am working on 2 projects for the University of Maine System and the University of Maine. First, I am still overseeing the System-wide Facilities Audit Program which is identifying and costing all of the deficiencies in all of the buildings owned or occupied by the University System around the State.

For the past couple of years, I have been serving as a "Special Advisor" to the Maine "Bureau of General Services" (BGS) that administers all State Government and Public School Construction project as they begin using "Alternative Delivery Methods" for public construction.

Currently, I am teaching an 8 session program to 14 members of the UM Facilities Staff involved with capital construction, on the various issues relating to design documentation, construction documentation and construction contract administration in anticipation of their taking a national exam offered by the Construction Specifications Institute. Also, I am still very active in the Construction Specification Institute, serving on 2 national committees, 2 Region Committees and a couple of Maine Chapter Committees. I am also President of the Old Town Museum which is our local historical museum.

Dick Plummer sends this note, somewhat "tongue in cheek"??

"After being totally destroyed by the November elec-

tions, I have withdrawn entirely from contact with other humans and am living as much as possible in my camp off the road in northern NH. Have cancelled all left wing publications and listen only to FOX news. Snowmobile visitors are welcome but must bring their own victuals."

And yours truly sends this update:

I can say that retirement is good for Mary Jo and me. There was a lot of travel this year which included two delightful weeks in Tuscany in May. In addition, there was a visit to the Seattle and we have visited friends and relatives in Wisconsin and Cincinnati. A good part of the summer was spent in Warren, Vermont, in the Mad River Valley, where we rented a condo and had a great time hiking, biking and soaring. I'm continuing with flight instruction and various community committees, including the conservation commission and the development of a new YMCA in Exeter. Jo is busy with parish work and is on the board of a women's retirement home. We give thanks for all of our blessings, especially our wonderful family and the special place that we live.

All the best and we look forward to being together sometime soon.

Don Briselden

We are Looking for You!! Have you received a scholarship to the Appa Institute? Have you or your school been recognized recently? If so, consider writing an article for our newsletter.

We are looking for articles of interest to our membership. If you would like to submit an article for a future edition, please email it to: lforest@usm.maine.edu

Deadline for submission for the fall edition is Friday, September 07, 2007!!



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be used in classrooms anywhere in the world.

The wind turbine joins several other green demonstration projects on the UVM campus, including a solar panel display and educational kiosk between the campus bookstore and Bailey/Howe Library that also posts real-time data to a Web site. The university also maintains a fleet of biodiesel buses and electric vehicles and has successful recycling, composting, energy management and stormwater management systems in place. ■

APPA INSTITUTE GRADUATE AT UMF

BY: LEO DEON
ASSISTANT DIRECTOR OF FACILITIES MANAGEMENT
UNIVERSITY OF MAINE-FARMINGTON

As one of the newest graduates of APPA's Institute for Facilities Management, I would like to thank NNECERAPPA and ERAPPA for their outstanding support of my professional goals. I attended my first session of the Institute for Facilities Management in September of 2003. Being at a small college, training funds are often hard to obtain. I was able to attend the three remaining sessions using scholarships awarded by both NNECERAPPA and ERAPPA. This not only allowed me to gain cutting edge training but establish long-term professional relationships with

others colleagues in our industry.

For those who have attended, I would hope they share my favorable opinion of the experience. Those who have not attended, I strongly encourage you to consider it. Submit for a scholarship and experience the Facilities Institute for yourself. The Institute is held in September and January at various locations and you can decide which sessions to attend. The application process is simple and the rewards are well worth the effort. Thanks to NNECERAPPA and ERAPPA for their continued support of such a worthwhile program.

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