



**Upcoming Events**

February 10 — 11, 2009

“Think Spring” IAMU (Winter Meeting)

Courtyard by Marriott, Ankeny

Register/more information:

<http://www.iamu.org>

(look for links on the front page)

March 4 & 5, 2009

Advanced Water Treatment/  
Distribution Workshops

(Register for one or both)

Register/more information:

<http://www.iamu.org/calendar/>

(click “March 2009”)

March 9 — 10, 2009

Iowa Storm Water Conference/  
Iowa Water Conference

Scheman Building, Iowa State Univ.

For more information:

<http://www.iowastormwater.org/>

March 16 — 19, 2009

Gas Pipeline Welder Qualification  
Workshop (Ankeny &  
Emmetsburg; two workshops)

Des Moines Area Community College,  
Ankeny; Iowa Lakes Community College,  
Emmetsburg

Register/more information:

<http://www.iamu.org/calendar/>

(click “March 2009”)

March 26, 2009

Energy Efficiency Workshop

Register/more information:

<http://www.iamu.org/calendar/>

(click “March 2009”)

**New electrical permit requirements effective March 1**



◆ Iowa municipal utility and city officials will need to be aware of new requirements for electric permits and inspections which go into effect statewide March 1, 2009.

**New Construction:** Electrical permits will be required for all new electrical installations including residential, commercial, and industrial in all areas of the state that are not currently under the jurisdiction of a political subdivision which performs electrical inspections.

**Existing Construction:** Electrical permits will be required for all new installations and alterations unless **all** of the following conditions apply: (1) The installation is under the direct supervision of a licensed electrician. (2) The installation does not in any way involve work within a new or existing switchboard or panelboard. (3) The line to ground installation does not exceed 30 amperes. (4) The line to ground installation does not exceed 277 volts single phase.

**Routine Maintenance:** Electrical permits will not be required for routine maintenance. *Routine Maintenance* has been defined as “the repair or replacement of existing electrical apparatus or equipment of the same size and type for which no changes in wiring are made”.

For more information, contact the State Electrical Inspector Supervisor in your area. A map and contact information for supervisors, and more information about the licensing policy, is available at: [www.dps.state.ia.us/fm/electrician/index.shtml](http://www.dps.state.ia.us/fm/electrician/index.shtml) or by phone at 866-923-1082.

**Obama orders new EE standards from DOE by August**



◆ President Obama has ordered the U.S. Department of Energy (DOE) to establish higher energy efficiency standards for everyday household appliances – with a request to have final rules in place by August 1.

“Washington may not be ready to get serious about energy standards, but I am,” the President said, adding, “This will save consumers money, this will spur innovation, and this will conserve tremendous amounts of energy.”

Standards for residential ranges and ovens; lamps and dishwashers; and commercial air conditioning equipment, boilers and beverage vending machines are included in the memorandum. Obama has also directed DOE to set energy efficiency standards for more than 30 product categories, and to focus first on areas that would give consumers the largest savings.

For an overview of the Obama Administration energy plan, click here: [http://www.whitehouse.gov/agenda/energy\\_and\\_environment/](http://www.whitehouse.gov/agenda/energy_and_environment/)



Access back issues of the IAMU *Informer* and the *Informer* Story Index on the IAMU website: <http://www.iamu.org/informer/default.htm>

It may be necessary to download the latest version of Adobe Reader (Adobe Reader 9) to view the IAMU *Informer*. Download it with this link: <http://www.adobe.com/products/acrobat/readstep2.html>



Larry Chapman (right, upper photo) and new work stations combined in IAMU's Basic & Advanced Watt-Hour Metering Workshop.

### IAMU wind turbine video posted on IPTV website

Video recorded by Iowa Public Television (IPTV) during the construction of IAMU's 1.5 KW wind turbine in December is now available on the IPTV website. The raw video shows the assembling and mounting of the turbine. A full report on IAMU's wind turbine will appear on IPTV at a future date. The raw video can be accessed at: [http://www.iptv.org/video/detail.cfm/3159/tij\\_20081218\\_153\\_clip](http://www.iptv.org/video/detail.cfm/3159/tij_20081218_153_clip)



IPTV video is shot during IAMU's wind turbine construction. Portions of the video are available online.

## Watt-Hour Meter Workshop includes new features



New equipment and a full five days of training was presented last week at IAMU with the Basic & Advanced Watt-Hour Metering Workshop, conducted by Larry Chapman of Chapman Metering Services.

Attendees at the workshop were the first to use eight new portable work stations designed to increase important hands-on activity for proper wiring and troubleshooting of electric meters.

Each participant in the workshop received a 1,000 volt screwdriver (total monetary value of \$600) thanks to a joint donation from Greenlee Tool Co. and IAMU associate members Evans, Lipka & Associates and Resco. IAMU thanks these businesses for their support of world class training at IAMU. IAMU also thanks associate members Burmeister Electric, EnergySolutions, Fletcher-Reinhardt Co. and Van Wert, Inc. for their sponsorship of the vendor show held as part of the workshop.

## "Advanced H2O" Workshops on the way in March



The next edition of IAMU's "Advanced H2O" Workshops is set for March 4 & 5. Attendees can register for one or both workshops.

Advanced Water Treatment will be spotlighted March 4, with some subjects to be covered including arsenic removal; project planning and management; a Department of Natural Resources update, and more. Advanced Water Distribution will be the subject of the March 5 workshop, with cathodic protection; joint restraint technology; fusible PVC pipe; under pressure installations and more discussed. Both days will feature presentations from industry experts in the respective topics. 0.5 CEUs are available for each workshop.

A brochure and registration form for the workshops has been distributed. Attendees can also register and look up information about the workshops on the IAMU website, [www.iamu.org](http://www.iamu.org) (click on "Calendar/Registrations," and "March, 2009.")

## Construction continues on Waverly wind turbines



The foundations for WLP's Cannon I and Cannon II wind turbines were built last fall. The turbines blades and towers are set to arrive this week.

Waverly Light and Power (WLP) has announced the addition of two new wind turbines. Cannon I and Cannon II are named after Glenn Cannon, former General Manager of the utility. The new turbines will be 246 feet tall, and have the combined capability to power 522 homes. Construction is scheduled to begin this week.



"Waverly Light and Power was the first public power system in the Midwest to own and operate wind generation. This new investment continues the renewable energy commitment we made a few years ago," said Diane Johnson, General Manager of WLP. "Our position as a national leader in renewable energy is reflected in our effort to provide clean, green energy to the community of Waverly."

WLP set a goal for its system to be 20% renewable by the year 2020. After installation of these turbines, WLP will own and operate a total of three wind turbines in Waverly. The utility's wind generation will serve the equivalent of 783 homes annually, and offsets thousands of tons of carbon dioxide, a leading greenhouse gas associated with climate change.

For more information about WLP and its renewable energy goals, visit [www.waverlyia.com](http://www.waverlyia.com).

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