



## President's Message **Conserve today for tomorrow**

—by Raj G. Rao

Proposed climate change legislation has made many of us in the electric industry take a serious look at the future. The next generation of coal-fired plants will have to be equipped with means of capturing carbon dioxide through sequestration technology or minimizing the production of carbon dioxide through gasification technology – both guarantee increased capital costs and uncertainty as these technologies have not been developed. Other non-carbon resources such as nuclear energy are costly to build, and renewable resources such as wind are not available 24 hours a day, seven days a week. Yet as we weigh our options for carbon-reduction technology, it seems as though one of the most resourceful solutions is right in front of our noses.

Incorporating conservation, energy efficiency and economic demand response programs into the Agency's portfolio will reduce carbon exposure and long term costs associated with carbon regulations. While these methods have always been an important part of the Agency's practices, further developing programs to encourage conservation and energy efficiency are more important than ever since the future for generating resources is uncertain and costly. Now, the Agency is partnering with its members and consumers to take control of their energy use so that we have a say in our energy future.

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## **Lehmkuhler joins Obama Administration**

The Indiana Municipal Power Agency bid a bittersweet farewell to its manager of economic development and member services this summer. Philip Lehmkuhler was recently named State Director for Rural Development in Indiana at the United States Department of Agriculture by the Obama Administration.

"It's wonderful to see one of our own working for rural development and the Administration," IMPA President Raj Rao said. "Phil is very deserving of this honor, and although we'll miss him, it's a wonderful opportunity."

While at IMPA, Lehmkuhler worked with members and local economic development organizations to enhance the economic strength of Indiana's communities and counties.

Rural Development administers and manages more than 40 housing, business and community infrastructure and facility programs designed to improve economic stability in rural America. Under the Obama Administration, the USDA is working to expand the economic opportunities in rural America by enhancing broadband availability, promoting the development of renewable energy, conservation, maintaining and improving natural resources and the environment and promoting a sustainable, safe, sufficient and nutritious food supply.



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## Live Line Demo comes to IMPA community

The City of Greenfield and Central Indiana Power and Light welcomed the Touchstone Energy Live Line Demo to Hancock County this summer.

City officials including police officers, fire officials and other emergency responders gathered in a local gymnasium to witness the dangers of a live electrical power line and receive life-saving tips in the event of an electrical emergency. Utility personnel were also present for the demonstration.

Kyle Finley, who presented the demonstration, stressed that precaution is important when dealing with electricity.

“Can’t hear it, can’t see it, can’t smell it – that’s electricity,” he reiterated, “and it’s deadly.”

Finley travels to areas across the Midwest to give demonstrations in schools and for emergency personnel.

Greenfield city officials learned how to respond to a downed power line and what to expect from a victim of electrical shock. Finley also stressed the importance of letting utility personnel handle electrical emergencies whenever possible. *W*



*Kyle Finley, owner of Live Line Demo, Inc., spoke to a number of city officials, including the fire and police departments, utility crews and the mayor of Greenfield, Ind.*

## Control cabinet provides new structure for Lebanon relays



*A contractor places a new control cabinet at a substation in Lebanon.*

When Lebanon Utilities decided to replace breakers on its system, it called ISC for guidance.

ISC, the engineering subsidiary of the Indiana Municipal Power Agency, prepared a bid package for the new breakers and a control cabinet to house relays and controls.

The original breakers were more than 40 years old and housed relays inside each breaker. ISC Engineer Phil Lopresto set to work designing a cabinet that would house relays for the substation, as well as the A/C and D/C power controls. The cabinet is also equipped to house automated SCADA controls.

“In addition to increasing protection by updating the relays, Lebanon Utilities has made its reaction time more efficient,” Lopresto said. “The new relays and controls can communicate with other relays in other substations in the event of a system fault.”

The breakers can now be tripped automatically during an over current or by a line worker in the walk-in cabinet.

The cabinet was designed to fit in a small space within the substation and still provide room for line workers to work on the surrounding equipment. By including swing panels in the design for the cabinet, Lopresto ensured there is also plenty of space for the controls and line workers to work inside the cabinet.

If you would like to know more about ISC projects and services, contact Kerry Vincent at 317-575-3877. *W*

## Project Watch

### Trimble County Unit 2

The Trimble County Unit 2 project is approximately 70 percent complete. Construction is focused on finishing the boiler construction and installing the AQCS system, steam turbine generator, piping, and electrical components. Unit 2 will undergo testing and head into startup in late 2009 and early 2010 as the systems are nearing completion.



*Prairie State Unit 1 Boiler Tube*

### Prairie State Energy Campus

The Prairie State project is approximately 26 percent complete. Construction on the Unit 1 boiler and the Unit 2 boiler steel is continuing. The foundation work in the AQCS was completed. The construction on the Unit 1 cooling tower started and the concrete for the Unit 2 tower was completed. The Unit 1 chimney flue has also been completed. Work continues on the slope construction, air shaft construction, and material handling system at the mine, which is approximately 21 percent complete. 70

## On the State Legislative Scene

*- by Carolyn Wright, Vice President of Government and Member Services*

For the Indiana General Assembly, the summer of 2009 was shorter than most. After the close of the regular session in April, a Special Session was called in June for the purpose of crafting the 2009-2011 biennial state budget. The Legislative Council, which is the governing arm of the legislature when the Indiana General Assembly is out of session, met to determine the Interim Study Committees and the topics those committees will examine. Additionally, the Legislative Council assigned various topics to the existing statutory committees and commissions. These committees have begun meeting and will make recommendations to legislators for the next legislative session, which begins in January 2010.

The Regulatory Flexibility Study Committee, which traditionally looks at issues relating to telecommunications and all utility industries, will begin meeting in September. Reg Flex, as it is commonly called, will be looking at the I-Light fiber optic network in Indiana, as well as the potential for the development of nuclear power in our state.

Additionally, the Environmental Quality Service Council will conduct a study and potentially develop recommendations concerning the feasibility of incorporating notice of restrictive covenants and environmental restrictive covenants into the "One Call" system managed by the Indiana Underground Plant Protection Service. The General Assembly decided this issue should be studied in detail to develop an appropriate policy. If you would like information on any of the interim study committees or commissions, or if you have questions in general, please contact Carolyn Wright, Vice President of Government Relations and Member Services, at (317) 575-3873 or [cwright@impa.com](mailto:cwright@impa.com). Also, visit [www.in.gov/legislative/interim/](http://www.in.gov/legislative/interim/) for additional information relating to the interim activities of the General Assembly. 70

## President's letter

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To further its conservation efforts, IMPA is researching successful rebate programs for air-conditioning units, heat pumps and energy-efficient appliances used by other utilities. These programs have proven to cut costs and curb global warming through conservation and the use of efficient appliances.

By reducing energy consumption, consumers can cut down their own electric bills and help IMPA member communities cut significant costs associated with generating and purchasing electricity. In turn, it enables IMPA to rely on its current generating facilities for years to come.

Being efficient doesn't mean consumers have to reduce their lifestyle; it simply means taking a closer look at their daily lives and cutting out waste. Even as industries, businesses and residential areas grow in member communities in the future, IMPA can adequately serve consumers without having to build more generating resources as conservation is incorporated into the Agency's portfolio. IMPA still believes growth in electric sales is important for a healthy industry. At the same time, we can also take a closer look at our operations and make changes to improve efficiency so that we meet demands through conservation. *☺*

## Staff Announcement



The Indiana Municipal Power Agency is pleased to welcome Craig Hadley to its staff. Craig joins IMPA as a Systems Engineer. He recently graduated from Purdue University with a B. S. in Electrical Engineering Technology. *☺*

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