



## President's Message

### The Path to Energy Efficiency

—by Raj G. Rao

Our energy efficiency path is a bit clearer. On September 24, the Indiana Municipal Power Agency (IMPA) Board of Commissioners voted to participate in the Indiana statewide energy efficiency program being developed by the Indiana Utility Regulatory Commission (IURC) and a coalition of 14 utilities. Not only will our jurisdictional members participate, communities that have opted out of IURC jurisdiction will participate as well with IMPA serving as the “face” of the statewide program for our members.

We are excited for the opportunities this program will bring to our communities and the Agency. Just as economies of scale have brought energy savings to our members over the past 25 years, the economies of scale in this program will bring energy efficiency benefits to consumers throughout Indiana.

Energy efficiency is an investment, but for every dollar we put into energy efficiency, we will realize three dollars in savings. No other resource exists that will provide this level of economic and reliable power to our members over the life of the program. It is not only a smart answer, it is the right answer.

The program, designed as a menu of services available to customers

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## Streetlighting project moves forward

Before the end of 2010, several communities in Indiana will not only be a bit brighter, but a bit more energy efficient as well! The

Indiana Municipal Power Agency (IMPA) was named as a recipient of an Energy Efficiency and Conservation Block Grant (EECBG)

through the American Recovery and Reinvestment Act earlier this year. The Agency received \$5 million on behalf of 20 of its member communities to implement local streetlight retrofitting programs. The competitive grants were awarded to groups looking to reduce energy use.

Since the grants were announced in June, a committee comprised of 19 participating member communities and IMPA staff members gathered to review procedures and bids for the Light-Emitting Diode (LED) streetlights portion of the project. In August, the group selected General Electric to supply approximately 6,800 LED cobrahead streetlights.

As part of the grant program, participating communities will set aside half of the financial savings realized as a result of reduced power usage from the new lighting. The

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General Electric's Evolve LED Series Roadway Medium Cobrahead

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## Gayle Mayo retires as Chief Operating Officer

After 23 years with the Indiana Municipal Power Agency (IMPA), IMPA's Executive Vice President and Chief Operating Officer (COO) Gayle Mayo retired from the Agency on August 15.

Mayo began her career in the utility industry at Burns & McDonnell, a full service engineering, architecture, construction and consulting firm. She worked there for seven years before joining IMPA in 1987 as the Agency's Director of Engineering. She served as Executive Vice President and COO for the last seven years.

"We are eternally grateful for all that Gayle has done in her time at IMPA," commented Raj Rao, President and CEO. "Her contributions in the past

23 years have helped make IMPA a successful organization serving the needs of 53 communities in Indiana



and Ohio. She leaves behind a very capable team and an impressive list of accomplishments."

Among her accomplishments, Mayo played an integral role in the expansion of the Agency's generation portfolio.

She was not only involved in negotiations for IMPA's ownership in Trimble County Unit 1, she served that role again in the more recent negotiations for the construction of Trimble County Unit 2 and the Prairie State Energy Campus. When charged with the task of building IMPA's combustion turbines located in Anderson and Richmond, Gayle tackled the job with enthusiasm and determination despite having no prior experience with building combustion turbines at that time.

During her tenure with IMPA, Mayo dedicated her time and energy to a variety of organizations, including the American Public Power Association (APPA) and the North American Electric Reliability Corporation (NERC). She served on many APPA committees, including a stint as Chair of the Engineering and Operations section. She has also served as Chair of the NERC Operating Committee.

"I will miss IMPA, our members, and all of the wonderful people I have had a chance to work with in this industry," Mayo said. "I'm greatly appreciative of the opportunities I've had in my years with the Agency, but am very much looking forward to spending more time with my family, traveling, and reading." ❧



*During her tenure with IMPA, Gayle Mayo (second from left) played a key role in the development of several projects, including Trimble County Unit 2.*

## Streetlighting

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savings will be used for additional energy-efficiency programs within their communities.

The IMPA member communities participating in the LED cobrahead portion of the grant are Brooklyn, Crawfordsville, Dunreith, Greendale, Greenfield, Huntingburg, Lawrenceburg, Lebanon, Lewisville, Linton, Middletown, Paoli, Rising Sun, Tell City, Walkerton, Washington, and Winamac. Frankton and Tipton plan to purchase energy efficient decorative lighting. Scottsburg will install Light Emitting Plasma (LEP) lights in the community. The LEP streetlights are produced exclusively in the United States by Scottsburg-based Stray Light Optical Technologies. ❧

# Project Watch

## Prairie State Energy Campus

The Prairie State Energy Campus is approximately 50 percent complete. Construction of the Unit 1 and Unit 2 boiler is still underway. Other work on the power block consists of Unit 1 steam turbine installation, Unit 2 generator installation, flue gas ductwork section installation and air quality control system work. At the Lively Grove Mine, construction is 60 percent complete and on schedule. The bottom development is nearly done and testing of the transfer system is underway. Work on the mine's surface buildings is nearly complete. Other work at the mine includes final grading of the surface areas.



*Lively Grove Mine coal stacking tubes at the Prairie State Energy Campus.*



*Trimble County Unit 2 is expected to be substantially complete this year.*

## Trimble County Unit 2

The Trimble County Unit 2 (TC2) project is 99 percent complete and is in the commissioning phase. During this phase, the unit has achieved greater than 50 percent of its rated output. TC2 encountered some equipment problems in June and September. Plans were put in place to resolve the problems and the unit is expected to be substantially complete before the end of the year. *W*

# Staff Announcements

Congratulations to IMPA's Jack Alvey as well as ISC's Joe Schmidt and Kerry Vincent.

Jack Alvey has been promoted to Senior Vice President, Generation. Jack began his employment at IMPA in 1992 as a Combustion Turbine Operator/ Technician at IMPA's Richmond Station. He was most recently Vice President of Generation.



Joe Schmidt, who joined the Agency in 2005, was recently promoted to Senior Project Engineer. Joe also recently became a Licensed Professional Engineer. Joe is a graduate of Messiah College where he earned a B. S. in Electrical Engineering.

Kerry Vincent was also promoted to Vice President and General Manager, ISC. He joined IMPA in 1999 as Manager of Technical Services, and served as ISC's first employee in 2001 when the group began providing engineering services to member communities. *W*





## Wind turbine installed at IMPA

With a little manpower and the help of a crane, the last of three renewable energy demonstration projects at IMPA was installed on September 27.

The Agency's new, 25-foot-tall wind turbine is capable of generating up to 1400 kilowatt-hours of energy each year. Information about the project is available on IMPA's website at [www.impa.com](http://www.impa.com).

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throughout the state, allows consumers to determine their own level of participation in energy efficiency. IMPA will only pay for services actually used by utility customers in IMPA's member communities.

Programs of this scope have been successful in other states, including ones in the Midwest. At day's end, energy efficiency is quite simply a smart idea. It saves customers money by reducing their energy usage and electric bill without compromising comfort, saves future electricity costs by substituting for or delaying the construction of new power plants, attracts economic development and helps communities create and maintain jobs, and saves the environment by reducing dependence on land, water and air resources.

The effective program launch date is currently set for January 1, 2011. It will be an additional path to follow and one we are excited to explore.

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