



President's Message

Energy and Environmental Regulations in a New Era

—by Raj G. Rao

The election and inauguration of President Trump have brought about significant changes in our country's political landscape. A variety of different issues have already been brought to the president's attention, including environmental regulations such as the EPA-proposed Clean Power Plan (CPP).

The CPP was implemented by the Environmental Protection Agency during President Obama's administration in an attempt to pass Congressional legislation to curb carbon dioxide emissions from coal-fired power plants. The implementation of the CPP led to many lawsuits against the EPA and its authority to impose such hard regulations, and the new administration has promised to rescind these litigated regulations.

Long before the CPP was promulgated, however, the United States began decreasing its carbon dioxide emissions. The U. S. Energy Information Administration reports that the United States reduced carbon dioxide emissions from 6,000 million metric tons (MMT) in 2005 to just over 5,200 MMT in 2015. This is a 12% decrease from the 2005 levels, mostly due to changes within the electric power industry due to economics, not regulations.

- continued on page 3

Trimble County Station in the Midst of Major Update

Since 1993, a key component of the Indiana Municipal Power Agency's (IMPA) power supply portfolio has been Trimble

County Station, a baseload coal-fired power plant composed of two pulverized coal-fired units. In 2011, the highly efficient, supercritical



Trimble County Station's total generating capacity is 1274 MW; IMPA owns 162 MW.

Unit 2 came online, providing an additional 98 megawatts of power for IMPA's members. Located approximately 50 miles northeast of Louisville, Kentucky, Trimble County Station has been a reliable resource in IMPA's power supply portfolio for many years. In an effort to ensure that the Station is able to remain operational and compliant with environmental regulations, IMPA, along with other Station co-owners - the Illinois Municipal Electric Agency, Louisville Gas & Electric and Kentucky Utilities - are investing in the construction of a new coal combustion

-continued on page 3

Inside

page 2 - IMPA Introduces New Service for Members

page 2 - Second Wednesday Workshops Return in 2017

page 4 - IMPA Members Advocate for Public Power

IMPA Unveils New Service for its Members

The Indiana Municipal Power Agency (IMPA) is always looking for new and innovative ways to better serve its members. In 2013, the Agency expanded IMPA Service Corp's services at the request of its smaller members to include transmission and distribution services for municipal electric utilities. In January 2017, IMPA Service Corp further expanded its services to include system management with shared professional staff. IMPA Service Corp currently contracts with member communities' local utilities to provide a variety of services aimed at assisting the utilities in maintaining a safe and reliable local electric distribution system. Today six communities have signed on with IMPA Service Corp – Advance, Centerville, Dunreith, Frankton, Lewisville and Spiceland – and IMPA Service Corp hopes to assist other member communities in the future.

IMPA Service Corp offers a variety of system management services including system engineering, emergency and storm power restoration, equipment replacement, vegetation trimming and general system maintenance. The communities are able to decide which services they would like to receive and they frequently communicate with IMPA to ensure that their needs are being met.



“We are proud to provide this service, which helps preserve each community’s most valuable asset – its locally-owned electric utility,” stated IMPA President and CEO Raj Rao. “Our highly-trained and experienced engineers, lineworkers and staff bring a high level of expertise, allowing smaller systems to receive the same level of service as larger electric systems. We look forward to partnering with more of our member communities in the future.”

For more information about IMPA Service Corp and its new system management services, contact IMPA Service Corp General Manager Joe Schmidt at jschmidt@impa.com or call 317-573-9955. ☞

Second Wednesday Workshops Planned for 2017

The successful Second Wednesday workshops are back in 2017, complete with new topics specifically designed to benefit utility personnel, including lineworkers, substation workers, meter personnel, engineering and customer service specialists. These workshops continue to be free for all IMPA members and member employees, and include all course materials, a certificate of completion and a complimentary lunch.

There are still five workshops remaining in 2017, and they include Electricity 101, New Additions to the National Electric Safety Code, Customer Service: Representing your Utility, Renewable Energy Generation Installation and Safety Concerns, and RP3 Designation and Joint Use Pole Agreement. For more information or to register for these programs, visit www.impa.com/secondwednesdays. ☞

IMPA
SECOND WEDNESDAYS
2017

Mark your calendars for these events, and visit www.impa.com/secondwednesdays to register.

JAN 11 System Switching within a Substation	JUL 12 New Additions to the National Electric Safety Code (NESC)
FEB 08 Working within a Confined Space	AUG 09 Customer Service: Representing your Utility
MAR 08 Overhead Line Design	OCT 11 Renewable Energy Generation: Installation and Safety Concerns
JUN 14 Electricity 101	NOV 08 RP3 Designation and Joint Use Pole Agreement

Trimble County

- continued from page 1

residuals (CCR) treatment facility, transportation conveyor and landfill.

This new facility, conveyor and landfill are essential, as Trimble County Station's current storage pond is aging and needs to be replaced with another storage solution. This construction will also ensure that the Station complies with new environmental regulations, which mandate safe disposal of CCRs in landfills and other surface impoundments. The project includes the development of a new CCR treatment facility, which will collect, condition, dewater, store and transport CCR via covered conveyor to a new landfill on the station's existing property. This state-of-the-art facility contains a variety of structures, which will safely remove the CCR and efficiently transport it from the facility to the landfill, which is located across the street from the facility.



Co-owned by IMPA, Trimble County Station is constructing a new treatment facility, transportation conveyor and landfill to help treat and transport coal combustion residuals. Pictured above is the construction as of January 2017.

"Trimble County Station is a vital component of IMPA's power supply portfolio," stated IMPA President and CEO Raj Rao. "The Station provides 162 megawatts of baseload power for our 61 member communities. It's important that we stay up-to-date with both the latest technologies, as well as environmental regulations, to ensure that Trimble County Station remains efficient and operational."

Construction began at the end of 2016, and contractors are currently in the midst of building the foundations for the facility, as well as constructing hydrocyclone feed tanks and fly ash silos. While much work still has to be done, the project is expected to be completed sometime in 2018. Once finished, Trimble County Station will boast a state-of-the-art treatment facility, which will continue the Station's mission to power thousands of homes and businesses across Kentucky, Illinois and Indiana for decades to come. *W*

President's Message

- continued from page 1

During this same period, China increased its carbon dioxide emissions from 5,490 MMT to 9,025 MMT, with most of this increase due to its electric power sector and the construction of more coal-fired power plants. With this model, even if the United States closes all of its coal-fired units, carbon dioxide levels worldwide will still continue to rise.

With the onset of new technology such as hydraulic fracturing, which releases natural gas for use in a variety of activities including power generation, the United States has already reduced its usage of coal. Many utilities across the United States have retired old coal-fired generation units and have invested in new natural gas generating units. Others, such as IMPA, have recently built clean coal-fired generation units that emit less carbon dioxide. These power plants should not be shuttered just because they use coal. In addition, the cost of constructing renewable energy sources has decreased. All of these factors have significantly reduced the United States' power generation emissions. Economic market forces should determine how the United States reduces carbon emissions, not environmental regulations. Let us work together to protect our economical energy production in the United States to ensure that all citizens have ready access to low cost, reliable and environmentally responsible electricity. *W*



11610 N. College Ave.
Carmel, Indiana 46032

The IMPA Wire is published by the
Indiana Municipal Power Agency

C. Sue Saunders, Chair
Raj G. Rao, President

Send submissions and suggestions to:
Meredith Sauter · IMPA Wire
Indiana Municipal Power Agency
11610 N. College Ave.
Carmel, IN 46032
(317) 573-9955
meredith@impa.com

www.impa.com



Printed on recycled stock

IMPA Members Meet Legislators, Advocate for Public Power

The Indiana Municipal Power Agency (IMPA) and its member communities have been actively involved in the political process, seeking to build relationships with many of Indiana's elected officials on both the state and federal level. In January, IMPA hosted its annual legislative dinner, which brought together many of the Agency's member communities along with a bipartisan group of state legislators. This networking event allowed representatives from IMPA's member communities to engage with their local elected officials about a variety of issues that affect their communities.

In February, IMPA and representatives from nine of the Agency's member communities completed another successful trip to Washington D. C. to meet with Indiana's Congressional members. During the trip, attendees advocated for public power and relayed how federal actions have a direct impact on Indiana's municipal electric utilities. Key issues such as tax-exempt financing, cyber and physical grid security and environmental regulations were among the chief topics of conversation. IMPA gives a special thanks to all those who participated in the legislative event and who traveled to Washington D. C. for helping to shape the future of public power. *90*



IMPA's annual legislative dinner brought together many of the Agency's member communities, along with a bipartisan group of state legislators, to discuss issues that affect IMPA's member communities.