



# News from AMP-Ohio

AMERICAN MUNICIPAL POWER-OHIO IS DEDICATED TO PROVIDING SUPPORT SERVICES  
AND LOW-COST POWER SUPPLIES TO MEMBER MUNICIPAL ELECTRIC COMMUNITIES

## **For Immediate Release**

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## **OHIO ENVIRONMENTAL PROTECTION AGENCY ISSUES FINAL AIR PERMIT FOR AMPGS FACILITY**

(COLUMBUS) The Ohio Environmental Protection Agency (OEPA) has issued the final Air-Permit-to-Install for the proposed American Municipal Power Generating Station (AMPGS). The AMPGS is a proposed approximately 1,000 MW coal-fired generation facility to be constructed in Meigs County, Ohio near the Ohio River. American Municipal Power-Ohio (AMP-Ohio) is proposing to build the facility as a component of the organization's efforts to help its member communities move from an over-reliance on the volatile wholesale power market, to an asset-based power supply strategy.

AMP-Ohio is the non-profit wholesale power supplier and services provider to 123 municipally-owned electric systems in six states. The organization filed its application for the Air PTI with the OEPA in May 2006. The agency released a draft permit in September 2007, which initiated a thorough public comment period, including a public hearing held October 25, 2007 in Meigs County.

The AMPGS facility will use the latest in proven, state-of-the-art emission control technology that will make it one of the cleanest facilities of its type in the nation. The emission limits contained in the Air PTI represent best available control technology and are far more stringent than limits for any electric generating plant currently operating in the state. To meet these emission limits, AMP-Ohio will utilize a redundant system of emission control equipment that includes the use of Powerspan ECO-SO<sub>2</sub> technology to control emissions of sulfur dioxide, with co-benefits for the control of mercury and particulate matter. Powerspan is an ammonia-based scrubbing technology that produces a valuable fertilizer by-product, as opposed to the synthetic gypsum product produced by traditional limestone scrubbers. This ammonium sulfate fertilizer will be packaged and sold, thereby significantly decreasing the amount of waste needing to

be landfilled. AMP-Ohio has a memorandum of understanding to work with Ohio-based The Andersons, Inc. to process and market the fertilizer.

It should be noted that the Powerspan process is just one component of the AMPGS emission control equipment, which also includes low-NOx burners/over-fire air boilers, Selective Catalytic Reduction (SCR), Wet Flue Gas Desulfurization (Wet FGD), Wet Electostatic Precipitator (Wet ESP), and a filter baghouse.

Powerspan technology also shows great promise in its ability to efficiently capture carbon dioxide emissions, which is one of the principal reasons AMP-Ohio chose the technology. Laboratory testing has shown the ability to capture up to 90 percent of carbon emissions with the Powerspan process, and a commercial pilot of the capture technology is scheduled to begin early this year at the R.E. Burger plant, owned by FirstEnergy, in Shadyside, Ohio. Additional support for Powerspan has come from BP Alternative Energy, who is currently in partnership with Powerspan on a carbon capture project and NRG Energy, Inc, who also recently announced a partnership with the company for a commercial carbon capture pilot in Texas.

“We are very proud of the AMPGS project,” AMP-Ohio President/CEO Marc Gerken said. “Not only because of the jobs and significant economic benefit the facility will bring to Southern Ohio, but because of the environmentally responsible technology that’s being used in its development. This project is an important component of AMP-Ohio’s evolving strategy to reduce our dependence on the increasingly volatile and dysfunctional wholesale market and become an asset-based organization. The project has received wide-spread local support and we’re looking forward to being a part of the community for many years to come.”

The estimated \$2.9 billion dollar project is expected to employ 800-1,000 workers during construction and once in operation will employ 150 full-time employees, along with an additional 16 jobs at the fertilizer plant, and bring an estimated \$20 million per year to the area economy, including significant financial support for the Southern Local School District. It is projected that the associated economic development provided by a project of this size will bring even more jobs to that area of the state. The AMPGS project is part of an overall power supply strategy that includes the development of new hydroelectric, wind and landfill gas generation, along with a comprehensive energy efficiency program in member communities.

“Of course the customers in AMP-Ohio’s member communities participating in this project will also be major beneficiaries,” Gerken added. “The businesses and residents in those communities will benefit from the reliable power coming from this plant at predictable, affordable rates for many years to come. I also want to acknowledge the leadership and energy vision of Governor Strickland and the hard

work of the Ohio EPA led by Director Korleski on this permit. The many months spent analyzing and working on this permit demonstrates the thoroughness of their review process.”

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**About AMP-Ohio** – *AMP-Ohio is the Columbus, Ohio-based nonprofit wholesale power supplier and services provider for 123 member municipal electric systems in Ohio, Pennsylvania, Michigan, Virginia, West Virginia and Kentucky. The organization provides a diverse mix in its wholesale generation resources, which in addition to fossil fuel, includes wind, hydroelectric, landfill gas and distributed generation.*  
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