



News from AMP-Ohio

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

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OHIO EPA ISSUES FINAL PERMIT FOR AMPGS SOLID WASTE FACILITY

(COLUMBUS) American Municipal Power-Ohio (AMP-Ohio)'s proposed state-of-the-art power generation project took another step forward with the issuance of a final solid waste permit-to-install (PTI) from the Ohio EPA. The agency issued the PTI for the landfill, which will receive combustion waste from the American Municipal Power Generating Station (AMPGS). The approximately 1,000 MW facility is proposed for construction in southern Meigs County, Ohio, and will supply power to 81 municipal electric systems in four states, who are partners in the project.

The AMPGS project will use leading edge technology to control emissions, making it the cleanest facility of its type in the region and one of the cleanest in the nation. That same technology will significantly reduce the amount of waste from the facility – positively impacting the landfill operations.

The proposed landfill will be constructed adjacent to the generation facility, and, as a result, no off-site hauling of ash will occur on public roads or right-of-ways. The facility will be used for the placement of primarily fly ash and bottom ash.

AMP-Ohio has committed to the use of Powerspan Corp.'s ECO-SO₂ technology at the AMPGS facility. AMP-Ohio will use Powerspan's technology to control SO₂ emissions, with co-benefits for the control of mercury and particulate matter. The ammonia-based scrubbing technology creates a valuable ammonium sulfate fertilizer, as opposed to the synthetic gypsum, which comes from more traditional limestone-based scrubbers. AMP-Ohio is working with Ohio headquartered The Andersons, Inc. to procure the urea that will be used as feedstock for Powerspan's ECO-SO₂ process and to produce and market the fertilizer byproduct. This means an approximate 50 percent reduction in the amount of material placed in the landfill on an annual basis.

“AMP-Ohio is proud of the AMPGS project,” AMP-Ohio President/CEO Marc Gerken said. “And this latest permit is an example of why. We are proposing to build what will be the cleanest facility of its type in the region, not only in terms of emissions, but in terms of limiting and safely disposing of the combustion waste. The Powerspan process brings many advances to the table—efficient and effective control of emissions, decreased waste to the landfill and the strong possibility of future carbon capture. This will truly be a state-of-the-art project.”

In December 2008, Powerspan initiated a commercial pilot of its carbon-capture technology at the R.E. Burger plant in Shadyside, Ohio. AMP-Ohio is participating in that pilot. In laboratory testing performed by the company and by the U.S. Department of Energy, Powerspan demonstrated the ability to capture up to 90 percent of CO₂ emissions.

As permitted, the 133 acre facility will have a state-of-the-art liner and runoff collection system, and a ground water monitoring system. The PTI requires 15 years of post-closure care and monitoring upon closure of the facility. OEPA held a public information session and public hearing on the proposed permit on August 5, 2008 in Racine, Ohio.

The landfill PTI is one of several critical path permits related to the project and issued in final form. Additional permits already finalized include, the air permit-to-install (finalized February 2008), National Pollution Discharge Elimination System (NPDES) permit (finalized November 2008), 401 Water Quality Certification (finalized January 2009), Ohio Power Siting Board (OPSB) Certificate of Environmental Compatibility and Public Need-Generation Facility (finalized March 2008), OPSB Certificate of Environmental Compatibility and Public Need-Transmission Line (finalized November 2008). An application for the U.S. Army Corps of Engineers 404 Permit remains pending.

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About AMP-Ohio – *AMP-Ohio is the Columbus, Ohio-based nonprofit wholesale power supplier and services provider for 126 member municipal electric systems in Ohio, Pennsylvania, Michigan, Virginia, Kentucky and West Virginia. 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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