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## **News Release**

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**FOR IMMEDIATE RELEASE**

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### **RMT HONORED FOR TURNING LANDFILL GAS INTO POWER FOR ANTIOCH COMMUNITY HIGH SCHOOL**

Madison, WI (February 2004) – After months of planning, equipment installation, and startup activities, RMT, Inc., an environmental engineering, consulting, and construction management firm; the HOD Landfill; and the Antioch Community High School (ACHS) have completed a project to capture methane gas produced by decomposing waste at the landfill and cleanly burning it to generate electricity and heat for the school, which is located approximately one-half mile from the landfill.

RMT recently received a **2004 Best of State Engineering Excellence Award** from the American Council of Engineering Companies (ACEC) Wisconsin for work on this gas-to-energy project. RMT will be accepting the award at the ACEC Wisconsin's Awards Dinner on March 26. The project is now being considered for the National ACEC Engineering Award, which will be announced in March of this year.

The completion of the project designates the school to be the first in the country to use landfill gas for heat and electrical production. "The project is truly unique and will make the most of a valuable energy resource," explains Mark Torresani, RMT's project manager. The new system consists of twelve 30-kW Capstone MicroTurbines™, distributed through Alliant Energy. The microturbines are powered by landfill gas collected from the closed HOD Landfill, providing a total of 360 kW of power. The energy recovered from the microturbines is being used to heat and power the 262,000-square-foot school

building. This is the equivalent of satisfying the energy demand for 120 homes. Any additional electricity not used onsite will be sold to Commonwealth Edison.

This project demonstrates how innovative partnerships and programs can take a liability and turn it into multiple benefits and a win-win situation for all involved. “We're going to be able to recycle, save money for the taxpayers, and help with the environment,” says Bill Ahlers, business manager for Antioch Community High School District 117. Additional benefits of the energy system include lower energy costs for the high school; use of waste heat at the high school; clean, complete combustion of waste gas; decreased emissions to the environment; and educational opportunities in physics, chemistry, economics, and environmental management as a result of the on-campus, state-of-the-art gas-to-energy system.

The overall cost of the project is estimated at \$1.9 million. A grant application was completed and submitted to the Illinois Department of Commerce and Economic Opportunity in April 2002. ACHS was subsequently awarded a \$550,000 grant from the state’s Renewable Energy Resources Program (RERP) to design and construct the facility. The school district will fund the rest by issuing a revenue bond.

The key players on this project include RMT, Waste Management, ACHS, the Village of Antioch, the Illinois Department of Commerce and Economic Opportunity, Commonwealth Edison, and the USEPA.

RMT, Inc. is a 25-year-old global environmental management, engineering, and construction services firm that provides solutions for industrial clients around the world. Headquartered in Madison, WI, RMT has a 500-person staff located in 18 offices throughout the U.S. and offices in the UK and France. RMT is unit of Alliant Energy Integrated Services, a diversified energy and environmental engineering company, and a member of the Alliant Energy family of companies (NYSE: LNT).

Additional information about RMT is available online at [www.rmtinc.com](http://www.rmtinc.com).

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