

# NEWS

FOR IMMEDIATE RELEASE

Contact: Peter Baka  
Marketing Manager  
(216) 367-6000  
news@middough.com

## **Middough Inc Helps City of Toledo, Bay View WWTP Win Several Energy Awards**

*New Toledo cogeneration power plant wins three prestigious awards for renewable energy use.*

**CLEVELAND, Ohio (February 11, 2011)** — Middough Inc., a top ranking U.S. architectural, engineering and management services company, announces the project completion of the City of Toledo, Bay View Waste Water Treatment Plant's Combined Cycle Cogeneration Facility.

The City of Toledo finished the 10 megawatt landfill & digester gas cogeneration project which includes a 2 Mile LFG Pipeline, 5 kV Feeder & Fiber Optic Tie, Combustion Turbine & Generator (CT), Heat Recovery Steam Generator (HRSG & BMS), Steam Turbine & Generator (ST), Paralleling Switchgear & Control, Facility PLC/HMI Control System, Black Start Generation & Island Operation, Landfill & Digester Gas Treatment Equipment, High & Low Pressure Gas Compressors and a LFG/DG -NG Gas Mixing Station.

This unique facility has grabbed the attention of several national organizations and agencies. Recently, the facility has won three prestigious awards. First of note is the Federal Government's EPA - LMOP 2010 Project of the Year Award. It was presented to the City of Toledo in January at their annual conference in Baltimore. The U.S. Environmental Protection Agency's Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and beneficial use of landfill gas (LFG) as an energy resource. LFG contains methane, a potent greenhouse gas that can be captured and used to fuel power plants, manufacturing facilities, vehicles and more.

The second award was given to the Bay View Waste Water Treatment Plant by the AEE Northern Ohio Chapter for the 2009 Innovation in Cogeneration & Renewable Energy Award. The AEE – Association of Energy Engineers International, Regional and Chapter Awards Programs extend special recognition to individuals and organizations that have demonstrated notable contributions to the profession through individual accomplishments, noteworthy projects, or outstanding corporate energy programs.

Last, but not least is the 2010 Pacesetter Plant Award presented to The City of Toledo by *Combined Cycle Journal* for excellence in developing a state-of-the-art combined cycle plant that produces renewable energy and reduces the city's carbon footprint. An extensive article can be found in the *Combined Cycle Journal*, Third Quarter 2010 issue.

“We were pleased and delighted to be a part of this dynamic project”, says Marty Ellman PE and project manager at Middough for the Bay View project. Middough worked with the city and various partners, including Solar Turbines, to coordinate the completion of this innovative new plant. “This project allowed us to showcase our technical expertise and hone our skills in the renewable energy market. All of us were very happy for The City of Toledo as they won their awards,” stated Ellman.

Middough’s Energy Team consults and manages challenging projects involving various power plants, substations, waste-water facilities, municipal utilities and numerous other industrial power systems of all types. Our proven tailored approach, knowledge and expertise will optimize even the most complex, interactive and interdependent systems. We offer comprehensive energy-management programs that will meet your cost-reduction goals.

### **About Middough Inc.**

For more than 60 years, Middough Inc. has been recognized for its performance and leadership as an international company in architecture, engineering and management services. With major offices in Cleveland, Atlanta, Chicago, Houston, Philadelphia, Phoenix, St. Louis and Toledo and additional offices nationally comprising more than 800 professionals, Middough provides a full-range of traditional and specialized design, technical and management services worldwide. For more information about Middough, visit [www.middough.com](http://www.middough.com).

City of Toledo Bay View WWTP, Thursday, September 10, 2009, in Toledo, Ohio. Cogeneration Facility



Middough project team for City of Toledo Bay View WWTP Cogeneration Facility, Monday, February 7, 2011, in Cleveland, Ohio. Pictured from left to right, top to bottom: Paul Granata, David Gross, Ralph Dybiec, Ken Lauer, Dilup Tudu, Bill Shivak, Dan Loreta, Gerry Kuminski, Mike Groff, Don Huller, Jennifer Closs, Wayne Powell, Marty Ellman, Steve Simpkins, Tom Healey, Bob Knight, George Brown



LMOP 2010 project of the year award winner, Wednesday, January 19, 2011, in Baltimore, Md. Pictured from left to right, top to bottom: Marty Ellman (Middough), George Robinson (City of Toledo), Gabe Sciarretti (Middough), Marv Richardson (Solar Turbines), Bernie Pfeifer (Solar Turbines), Mike Schreidah (City of Toledo), Victoria Ludwig (EPA LMOP)

