



PO Box 700  
Jamestown, NY 14702-0700  
Phone (716) 661-1666  
Fax (716) 661-1617

**ELECTRIC  
DISTRICT HEAT  
WATER  
WASTEWATER  
SOLID WASTE**

For immediate release  
Contact: Rebecca Robbins 661-1666/450-1835

August 23, 2010

## **Groundbreaking Takes Place for BPU District Heat Facility**

Jamestown Board of Public Utilities (BPU) officials met at 11:45 a.m. Tuesday, August 24, prior to their regular board meeting, to break ground for a small building adjacent to the existing Samuel A. Carlson Generating Station. The masonry and metal structure will house a new hot water generator to provide redundancy and operational flexibility to the existing heating supply for the BPU's District Heat Division.

BPU board members were joined by contractors on the project, including: Robert Nordin, Principal Architect, Habiterra, Jamestown; Taras Korol and Ryan Olson, Vice Presidents, G.L. Olson Company, Dewittville; Lawrence Szalay, Project Manager, Quackenbush Company, Buffalo; William Gloekler, President, SEPCO, Erie, representing Indeck; Jack Kempisty, Project Manager, Indeck Keystone Energy, LLC. Speakers included John Zabrodsky, BPU Chair; Mayor Sam Teresi, BPU President; David Leathers, BPU General Manager; and David Gustafson, BPU Project Manager.

The \$3 million project includes the purchase of a new hot water generator and its supporting equipment, the construction of the building, the installation of the hot water generator and its interconnection with the existing District Heat system, including the natural gas fuel supply infrastructure located at the Carlson Station. The project is expected to be completed, with the system fully-functional, by the February-March 2011 timeframe.

The District Heat system at the BPU began operation in 1985 and has grown to include 72 customers. District Heat in Jamestown now serves varying types of facilities such as the hospital, schools, churches, private office buildings, community buildings and large residential housing facilities. The BPU District Heat system won the New York State Governor's Award in 1984, in recognition of the Division's energy innovation nationally.

The system operates by taking water heated at the Carlson power plant and pumping it underground through pipes to deliver thermal energy to customer facilities. The hot water provides for the building space heating and domestic hot water needs of the customers. The water is pumped through the system, back to the power plant to be reheated and continuously circulated back to the customers. The peak thermal load of the system occurs on cold winter days and is approximately 70 million btus per hour.

The District Heat system originally was constructed to expand the utilization of existing coal fired electrical power generation equipment at the Carlson Generating Station, allowing this equipment to be used to simultaneously generate both electrical and thermal energy, thus the term "co-generate." At the time that the District Heat system was developed, only one source of thermal energy existed. Over

the years, additional modifications and additions were made, increasing this to five sources of varying capacity.

M.E. Engineering of Rochester will oversee all mechanical and electrical engineering work for the project. The G.L. Olson Company of Dewittville is constructing the 30 x 50 foot building while piping and equipment installation is performed by the Quackenbush Company of Buffalo. The hot water generator itself was built by the Indeck Equipment Company of Wheeling, Illinois. Habiterra developed the plans for the building. BPU electricians will assist in the project. Funding was obtained through bonding.

During the event, BPU Project Manager, David Gustafson described the project and its purpose, saying, "The new hot water generator brings with it, a redundant heat source for our District Heating Division, allowing us additional options for providing thermal energy for the system."

"This new energy source for the BPU's District Heat Division will provide continued, consistent reliability to our District Heat customers in the future," stated BPU General Manager David L. Leathers in welcoming and introducing contractors. "This new asset of the division is important and needed."

BPU Chair John Zabrodsky introduced key BPU staff members involved in the project. "We thank all of you involved in this new District Heat facility," said Zabrodsky, "and congratulate you for developing a plan which promises a dependable future for our District Heat Division. Our District Heat customers have made substantial investments in their own buildings and we are gratified that we have designed a redundant source of heat for them."

Mayor Sam Teresi, BPU Board President, remarked that, "This wonderful occasion is made all the better for our community, I believe, because the majority of partners undertaking the work hail from Chautauqua County, Western New York and Northwestern Pennsylvania. Local work accomplished by local people to improve a Jamestown asset is a fine aspect of the project."