



# NEWS RELEASE

FROM THE OFFICE OF CORPORATE COMMUNICATIONS

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## For Immediate Release

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### **PHILADELPHIA GAS WORKS PROJECTS ANNUAL SAVINGS OF \$200,000 WITH NEW ENVIRONMENTALLY EFFICIENT DATA CENTER**

**(Philadelphia, Pa. – June 4, 2015)** – Philadelphia Gas Works (PGW) has unveiled its new cutting-edge corporate Data Center, which will save the company a projected \$200,000 annually in operational costs. Located at PGW Corporate Headquarters, 800 W. Montgomery Avenue, in Philadelphia, the facility is one quarter the size of its predecessor and significantly cheaper to run.

One of the highlights of the Data Center is that it is cooled using exhaust heat from PGW's on-site Combined Heat and Power (CHP) system, which also generates half of the electricity needed to power the center. On-site power generation using the CHP system cuts the cost of electricity significantly and ensures the center is not reliant upon power from the grid.

The physical design of the 2,000 square foot Data Center employs what is known as a 'hot aisle containment system,' which drives down operating costs by improving the management of temperature and air-flow within the center. Together, the use of exhaust heat, the local generation of electricity using natural gas and the improved management of temperature and air flow, deliver significant savings, greater levels of energy efficiency and increased operational reliability.

"PGW is very focused on the issue of energy efficiency," said Eloise Young, vice president of information services and chief information officer at PGW. "Our on-site CHP system will generate 50 percent of the electricity used to power the new data center, reducing our reliance on the grid and saving thousands. That's good for PGW, good for our customers, and good for our community."

Producing electricity on-site cuts costs in half, approximately, versus buying it from the grid. That cost difference (about 15 cents a kilowatt hour from the grid, compared to about five cents to generate it on site) translates to savings of \$40,000 annually. As the CHP system burns natural gas to produce electricity it also releases exhaust heat. That exhaust heat, which would otherwise vent directly into the atmosphere, is now redirected to cool the new Data Center and deliver savings of nearly \$130,000 a year.

"This Data Center is another example of PGW combining advanced technologies and leading by example," said Douglas Moser, executive vice president and acting chief operating officer. "Employing CHP and hot aisle containment system technologies in this way also allows us to use our own operation as a compelling case study for companies looking to be more resilient, without increasing operating costs. Here we have cost-cutting, greener, advanced technology in action, with benefits that are tangible and measurable."

NOTE: Tours of PGW's new hot aisle containment system, and its CHP system providing the Data Center's cooling and power needs, are available to journalists upon request.

*Founded in 1836, Philadelphia Gas Works (PGW) is owned by the City of Philadelphia and is the largest municipally owned gas utility in the country. It manages a distribution system of approximately 6,000 miles of gas mains and service pipes supplying approximately 500,000 customers. PGW's operations are managed by a non-profit corporation, the Philadelphia Facilities Management Corporation (PFMC). More information about the company is available at [www.pgworks.com](http://www.pgworks.com).*

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