

POWER TO COMFORT



TRENT CENTER EAST

Trenton, New Jersey

CHALLENGE

The 229-unit senior housing high-rise was struggling with a twenty-year-old, single-effect steam absorption chiller which had become inefficient to run, expensive to maintain and unable to meet the rising cooling demand of the building. Boiler operating costs to fuel the air-conditioning alone skyrocketed to \$150,000.

SOLUTION

A new 200-ton chiller powered by a natural-gas engine from American DG Energy

RESULTS

As a result of installing a new chiller from American DG Energy, Trent Center benefitted from:

- Increased cooling capacity for the building
- Significantly lower operating costs
- Avoiding a \$450,000 capital expense
- No summer air-conditioning shutdowns

CONTACT US TODAY

Set up a site survey and start your energy cost savings.

Phone: 781.522.6000

American DG Energy Inc.

Fax: 781.522.6050

45 First Avenue

Waltham, MA 02451

Email: info@americandg.com www.americandg.com

PROJECT HIGHLIGHTS

- Enjoyed annual site savings of \$20,000 (not including boiler savings)
- No cost and responsibility for chiller system maintenance and chiller fuel costs
- Reduced year-round demand on the old boiler system including summer shutdown of steam plant
- Upgraded piping and controls
- Installed additional metering and communications to monitor and manage system operation for peak performance and efficiency

PEAK PERFORMANCE, LOW COSTS

American DG Energy uses only the most efficient cooling systems available to provide you with high-performance air-conditioning and improved comfort at your facilities. Our engine-based chillers offer greater efficiency by supplying both cooling and hot water to supplement your existing boilers for domestic hot water applications, laundries, and heated swimming pools. With a nationwide installed base of over 2,400 units, our technology can fit a variety of applications.

ON-SITE UTILITY

American DG Energy sells the energy produced from an onsite energy system to an individual property as an alternative to the outright sale of energy equipment. On-Site Utility customers only pay for the energy produced by the system and receive a guaranteed discount rate on the price of the energy. All system capital, installation, operating expenses, and support are paid for and handled by American DG Energy.

Scan to read more about this project or visit:

www.adgeoffer.com/trent-center

