

# POWER TO IMPROVE



## COPPERGATE HOUSE

East Orange, New Jersey

### CHALLENGE

Rising utility costs, decreasing boiler efficiency, and perpetual maintenance costs on an aging boiler system were eating up the annual operating budget for a non-profit, 150-unit senior living apartment building.

### SOLUTION

The installation of a 75 kW natural-gas cogeneration system provided by American DG Energy at no cost

### RESULTS

As a result of installing a cogeneration system from American DG Energy, Coppergate House benefitted from:

- Lower energy costs
- Reduced annual operating expenditures
- Decreased year-round demand on the old boiler system, including eliminating the use of boilers during the non-heating season
- Placing a threshold on summer peak electrical costs
- Thousands of dollars in annual savings

### CONTACT US TODAY

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

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### PROJECT HIGHLIGHTS

- Designed and installed a 75 kW natural-gas cogeneration system
- Modified piping and controls for the heating and domestic hot water architecture
- Utilized cogeneration system thermal output to generate space heat and domestic hot water
- Eliminated use of the old boilers during the non-heating season
- Installed additional metering and communications to monitor and manage system operation for peak performance and efficiency
- All operating costs and responsibilities handled by American DG Energy

### 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:

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