



# POWER TO COMFORT

## DOUBLETREE SUITES BY HILTON HOTEL

Boston, Massachusetts



### CHALLENGE

Facing the cost of replacing an old boiler system and meeting the corporate goal of becoming more green, a premier all-suites hotel with demanding 24-hour energy requirements was looking to avoid capital expenditure, improve its carbon footprint, expand its hot water capacity and lower its operating costs.

### SOLUTION

An On-Site Utility 75 kW cogeneration system to provide space heat and domestic hot water and leaving the existing boilers as backup.

### RESULTS

As a result of installing an On-Site Utility system from American DG Energy, DoubleTree Suites benefitted from:

- > Reduced energy costs
- > No operating responsibility
- > Reduced carbon emissions
- > No capital outlay for equipment
- > Lower operating costs and no natural gas fuel costs
- > No equipment responsibility
- > Extended lifespan of existing energy equipment

American DG Energy uses only the most efficient systems winning DoubleTree Suites an internal chainwide sustainability award for energy savings, carbon emission reductions and improved operational efficiencies due in part to the installation of a cogeneration system.

Scan to read more about this project or visit:  
[www.americandg.com/doubletree](http://www.americandg.com/doubletree)



### PROJECT HIGHLIGHTS

- > Installed a 75 kW natural gas cogeneration system
- > Reduced the need to run hot water heaters and boilers during the summer months extending boiler life
- > Reduced electricity demand from grid providing an immediate improvement in positive cash flow
- > Installed metering to ensure 24/7 continuous monitoring and control of system operation
- > Reduced carbon emissions by 321 tons of carbon dioxide annually, the equivalent of removing 57 cars from the road annually or the amount of carbon removed by 62 acres of forest.
- > System design, installation, operation, maintenance and performance optimization managed by American DG Energy at no cost to DoubleTree Suites.

### 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.

### CONTACT US TODAY

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

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