

POWER TO COMFORT

DORAL ARROWWOOD HOTEL CONFERENCE CENTER

RyeBrook, New York



CHALLENGE

The existing boiler system was not efficient, produced excess steam, and required too much maintenance. The central plant cooling system was 15 years old and in need of replacement. Doral Arrowwood Hotel was looking to reduce energy waste, increase efficiency, and assist in their green initiatives while conserving capital.

SOLUTION

A 375 kW On-Site Utility cogeneration system to provide space heat and domestic hot water while leaving the existing boilers as backup. A 900-ton On-Site Utility chiller plant to provide chilled water and cool the property.

RESULTS

As a result of installing an On-Site Utility system from American DG Energy, Doral Arrowwood Hotel benefitted from:

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

American DG Energy's utilization of only the most efficient systems, is the clean energy supplier to Doral Arrowwood, and the latest addition in their green initiatives.

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www.americandg.com/doralarrowwood



PROJECT HIGHLIGHTS

- > Installed three 100kW and one 75 kW natural gas cogeneration systems
- > Installed two 450-ton chillers
- > Reduced boiler usage and extended equipment life
- > Reduced electricity demand from the grid providing an immediate increase to net income
- > Installed metering to ensure 24/7 continuous monitoring and to maximize system performance
- > Reduced carbon emissions by 1800 tons of carbon dioxide annually, the equivalent of removing 340 cars from the road or the amount of carbon removed by 1340 acres of forest
- > System design, installation, operation, maintenance and performance optimization managed by American DG Energy at no cost to Doral Arrowwood Hotel.

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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