



## CO-GENERATION IN THE BIG APPLE

*On a high rise office building in New York City, a super efficient 1.6 mega watt custom engineered co-generation system provides peak shaving electric power, winter office heating, and summer air conditioning for the building.*



This system has increased the buildings energy efficiency from a 30% to 40% range to 60% to 65%. The system will provide 60% of the building's electricity, and 65% of it's heating and cooling.

The units engine exhaust and water jacket heat is harnessed into a single heat exchanger that generates hot water for the winter perimeter heating and operates an absorption chiller for summer air conditioning.

### SPECIFICATIONS:

- Insulated dual shell construction with surface temp. below 150°F based on inlet temp of 1200°F
- Finish painted with two coats of high heat paint
- Horizontal or vertical installation
- ASA flanges on inlet & outlet
- Interior installation removes unsightly silencer from roof of enclosure
- Outer shell is 14 ga. steel & inner shell is 12 ga. steel



**ENERCON**  
ENGINEERING, INC.®