

INDEPENDENT
MECHANICAL INDUSTRIES, INC.

Cogeneration & Fuel Oil Conversion



Owner
U.S. Department of
the Navy

Location
Chicago, IL

Project Type
Heat & Power
Generation

Client Name
Exelon Services
Federal Group, Inc.

IMI contract amount
\$ 7,660,600

Completion
March, 2006

IMI removed three (3) 1940's vintage high pressure steam boilers that it had originally installed and replaced them with two (2) new 5.5MW combustion turbine generators with heat recovery steam generation, without taking the plant off-line. Additionally, the fuel oil system for the balance of the boilers was converted from No. 6 to No. 2. The project's annual savings is \$3.5mm and it reduces CO2 emissions by 28,000 tons/year.



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