

NEW YORK POWER AUTHORITY (NYPA) / DEPARTMENT OF GENERAL SERVICES (OGS) BOILER REPLACEMENT PROJECT—55 HANSON PLACE



PROJECT NAME:	55 Hanson St Boiler Replacement
PROJECT ADDRESS:	55 Hanson Street Brooklyn, N.Y.
PROJECT OWNER:	New York State Department Of General Services (OGS)
OWNER REPRESENTATIVE:	New York Power Authority (NYPA)

PROJECT DESCRIPTION:

- The New York Power Authority retained RCM Technologies, Inc. to design a replacement boiler plant for a 13-story, 280,000 square foot office building in Brooklyn, N.Y. which is occupied by the Office of General Services (OGS). The existing plant of (3) 500 HP fire tube boilers which burn oil and gas were replaced with four (4) new high efficiency modular gas fired condensing boilers. A new stainless steel boiler flue was installed along with a new energy management and controls system. The project also entailed the removal of the two existing 10,000 gal. fuel oil tanks.
- Work commenced at the conclusion of the heating season and was completed in time for the next heating season. Complex coordination challenges included the installation of a 13 story flue adjacent to an existing stairwell which serves occupied space.

PROJECT START DATE: April 2011

PROJECT DURATION: 1 Year

CONSTRUCTION COSTS: \$1,800,000

ANNUAL SAVINGS: \$ 161,000

