

3750 N. Lake Shore Drive Boiler Replacement Project

Project Highlights and Results

- Innovative boiler ingress solution conceptualized in a conceptual report phase allowed for the installation of larger, more robust equipment capable of significantly longer operating life.
- Boiler replacement project improved occupant comfort by adding zone valves for enhanced temperature control.
- Project was completed within budget with an energy savings of \$15,000 annually.
- Incentive funding in the amount of \$19,300 was procured through Peoples Gas due to Elara's efforts to help offset the cost of the project.

Project Background

Owner:	3750 N. Lake Shore Drive Condominium Association
Location:	Chicago, IL
Team/Team Lead:	Matt Swanson, Nathan Kinsey, Cem Diniz
Elara Role:	ME Design Engineer
Type:	Retrofit
Construction Cost:	\$550,000

Project Overview

Building Type:	High-Rise Condominium
Building Attributes:	16-stories, 132 Condominiums
Initial Construction:	1926
MEFPIT Systems:	Low pressure steam plant serving radiation

Innovation

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