

FLEXTech PROGRAM

Conserving Energy at 135 W. 50th Street, Manhattan, NY



Dome-Tech, Inc. conducted a retro-commissioning project for Murray Hill 50th Street Investors LLC located at 135 W. 50th Street under the New York State Energy Research and Development Authority (NYSERDA) FlexTech Program. The project was conducted at the 135 W. 50th Street building located in Manhattan, NY.

The project identified 34 issues representing over \$313,000 in annual savings with a combined simple payback of less than two years. Also, several ECOs were identified to provide an additional savings of \$77,700 annually.

PROJECT OBJECTIVES

The objectives of this audit were to:

- Identify Operational and Maintenance issues which have a negative effect on the buildings energy consumption
- Identify Energy Conservation Opportunities
- Provide an economic analysis of each issue and ECO to assist in prioritization and budgeting

MEASURES RECOMMENDED

The Issues are classified into the following categories:

- Optimized HVAC Control (Time of Day, Static Pressure Reset Schedules, Start/Stop Programs)
- Air Distribution System Optimization
- Digital Controls System wiring and programming changes.
- Lighting Replacements

ABOUT FLEXTech PROGRAM OPPORTUNITY

This project was funded under NYSERDA's **FlexTech Program**, which helps utility customers take advantage of opportunities to save energy that are emerging as a result of the newly deregulated, competitive utility industry. For more information about this and other NYSERDA programs, call Louisa Plotnick at (212) 971-5342, ext. 3008, or visit our website at www.nyserdera.org.