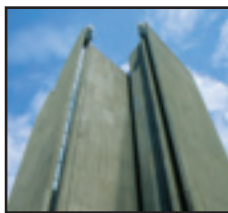


case study



City of Buffalo, New York. *USA Today* named Buffalo, the second largest city in New York State, the winner of its 2001 “City with a Heart” contest. Buffalo is also known as “The City Of Good Neighbors,” and its world class art gallery, diverse museums, centrally located Olmstead-designed park, and major and minor league sports teams are part of a creative and exciting atmosphere. Since 1996, Buffalo has been recognized by the National Civic League as an “All America City,” a designation that honors exemplary civic spirit in a select number of U.S. communities.

Honeywell

City of Buffalo

Type of Service

Energy Savings Performance Contract (ESPC)

Project Start Date

Implementation Phase 1994-2002
Performance Phase 1995-2010

City of Buffalo Profile

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Honeywell's Role

Honeywell acquired a company whose role in this extensive energy savings project included auditing, design, engineering and project management for 95 city buildings including the City Hall, ice rinks, fire stations, police stations, museums and community centers.

Project Scope

The City of Buffalo initially launched an energy conservation program with the company for just two buildings. Since then, 95 buildings have been integrated into a city-wide energy efficiency program that extends across many departments, including the Sewer Authority, Public Works, the Housing Authority and the Board of Education. They reduced the City's largest individual energy load, producing significant energy savings every year.

Energy Equipment Cooling

- Motor and HVAC control retrofits in 68 buildings

Steam & Hot Water

- City Hall stack economizer back-up boiler
- District heat back-up exchanger

Water Treatment

- 800 hp variable speed drive installed for municipal water supply pumping station

Electrical & Controls

- Comprehensive lighting retrofit
- Energy Management Control Systems (EMCS) upgrades
- Smart pumping retrofit and low emissive ceiling for ice rinks



City of Buffalo Buffalo, New York

Colleges & Universities

Sq. Ft. Served, 3 Million

Performance Contract

15 Years

Honeywell Building Solutions

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