

Hart Hotels Inc. is a locally owned hotel company that owns and operates six hotels in the Buffalo area and 12 nationally across the United States.



## Energy Savings Program

Ameresco completed significant retrofits to two of Hart Hotels' largest hotel properties: the Airport Holiday Inn on Genese Street in Cheektowaga, NY; and the Amherst Holiday Inn on Niagara Falls Blvd in Tonawanda, NY. Each hotel has approximately 200 guest rooms plus common areas for lobbies, restaurants and meeting rooms.

The project included incentives from NYSERDA for energy reduction totaling \$547,778 under contract No. 7526 in the CIP Program.

## Project Benefits

The system was converted from individual incremental PTAC electric-heating units with DX cooling to a central hybrid heat pump system. The new system features a complete reverse return piping system enclosed in the painted drywall enclosure, new efficient gas boilers and closed-circuit cooler. Each hybrid heat pump is cooled by its own water-efficient compressor.

This system uniquely operates as gas hot water heating in winter heating mode without using the compressor for extended system life, increased operating cost savings and quiet operation.

## Project Measures

- Replacement of the guest room heating and air conditioning system (HVAC)
- Lighting retrofits
- New single phase power and transformation for the new equipment

## Project Highlights

- Annual Savings: \$360,000

For more information about Ameresco and Better Facilities™ please contact Craig Piercey at 1-888-483-7267. Visit us online at [www.ameresco.ca](http://www.ameresco.ca).

