

# case study



**City of Reno, Nevada.** “The Biggest Little City in the World,” Reno is ranked one of the top 25 in Forbes/Milken 2002 Best Places for Business and Careers in America. Located in the majestic Sierra Nevada Mountains, the city supports a successful mix of economic diversification and quality of life. From the arts to the cultural splendor, from the casinos to its unprecedented natural surroundings, Reno is a city rich in both tradition and entertainment.

## Honeywell

# City of Reno

## Type of Service

Energy Savings Performance Contract (ESPC)

## Project Start Date

Implementation Phase	1998
Performance Phase	2000

## City of Reno

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## Honeywell's Role

Honeywell acquired a company whose Energy Savings Performance Contract involved lighting retrofits in 97 Buildings, solar panel installations, cover for the municipal pool, chiller placements and an Energy Management System installation in eight city-owned buildings. The project also included energy auditing, project management, measurement and verification (M&V) and technical assistance to the city for the three-year term.

## Honeywell Building Solutions

Honeywell  
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www.honeywell.com

## Project Scope

Guaranteed by the company, the energy savings generated by the program paid the cost of implementing the project. With the installation of new mechanical systems and Direct Digital controls, the city of Reno can expect significant improvements to environmental conditions within city-owned facilities. The City's facility maintenance staff controls the mechanical equipment operations through the Energy Management System from a single location. In addition to the improvements in heating and cooling, the lighting retrofits will enhance the quality of the light for the building occupants.

## Energy Equipment Cooling

- Installation of 100-ton chiller at Public Safety Center
- Installation of VAV HVAC System at Public Safety Center

## Steam & Hot Water

- Installation of Variable Frequency Devices (VFDs) on hot water and chilled water pump motors for seven buildings
- Installation of solar water heating panels in municipal swimming pool

## Electrical & Controls

- Lighting retrofits in 107 buildings, including HVAC/EMS in eight buildings
- Installation of EMS controls at Public Safety Center and seven other buildings



## City of Reno Reno, Nevada

### City, State & Local Government

Sq. Ft. Served, 733,000

### Guaranteed Savings Performance Contract

3 Years

# Honeywell