



## Project Highlight

# University Medical Center of Southern Nevada, NV

AMERESCO 

Hospital Building Upgrades  
Save UMC of Southern  
Nevada 2,367,072 kWh  
of Energy Annually

### Technology Type:

Energy Conservation | Energy Efficiency |  
Energy Savings Performance Contract

### Facility Size

**900,000** square feet  
(14 buildings)

### ESPC Energy Project Size

**\$4,500,000**

### Carbon Footprint Reduction

**600** metric tons CO<sub>2</sub>

### ESPC Annual Energy Savings

**2,367,072** kWh



### Summary

University Medical Center (UMC) needed to upgrade their aging, inefficient, and maintenance intensive equipment and utilize more energy efficient means.



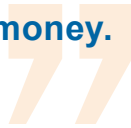
## Solution

UMC and Ameresco partnered under an Energy Savings Performance Contract to implement energy conservation measures in 14 of the hospital's buildings.

- Retrofitted 10,246 lighting fixtures
- Installed 707 light sensors
- Installed new water and air systems



The advantage of working with Ameresco is that they can perform multiple projects at one time. It would take years to do these projects individually and it would cost a lot more in time and money.



Cindi Roehr  
Assistant Administrator,  
UMC of Southern NV



## Benefits

Partnering with Ameresco, UMC was able to update their infrastructures to reduce their energy use and in turn, reduce maintenance costs. The energy conservation measures are expected to reduce the hospital's utility expenses and increase equipment lifespan.

- Save 2.4 million kWh and 8,000 therms annually
- Reduced carbon footprint
- New energy efficient building equipment
- Project completed more than \$18,000 under budget
- Replaced old equipment and systems
- Improvements benefiting hospital, patients, and workers



Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.