



Project Highlight

City of National City, CA



Holistic Building Upgrades Save National City 675,000 kWh of Energy Annually

Technology Type:

Energy Efficiency | Energy Savings
Performance Contract | LED Street and Area
Lighting | Solar Power

Facility Size

215,000 square feet
(12 city facilities & 2 parks)

Energy Project Size

\$5,400,000

Generating Capacity

277 kW (DC)

Annual Energy Savings

675,000 kWh



Summary

The City of National City and Ameresco partnered on an energy and water conservation program for critical city facilities, transitioning to a more sustainable infrastructure and asset portfolio that provides for more efficient and cost-effective operations. Ameresco and the City worked collaboratively to identify measures that replaced antiquated and failing equipment to enhance operations and reduce maintenance costs.



Solution

National City selected Ameresco to complete an energy audit of city facilities and identify opportunities for energy and water efficiency, renewable energy, and other measures for reducing operations and maintenance costs. Based on opportunities identified in the audit, the City selected the following measures for implementation:

- Solar photovoltaic (PV) installations at six sites totaling approximately 277 kW (DC)
- Interior and exterior lighting conversions to LED technology
- HVAC equipment replacements and controls upgrades
- Domestic water conservation measures
- Irrigation controls

“It transitions us into a more sustainable environment, providing new equipment to allow us to move into a much longer facility life(span) and keeps us operating at a more cost-efficient amount.”

Jose Lopez
*Associate Civil Engineer and Project Manager,
City of National City*



Benefits

Through its partnership with Ameresco, National City was able to replace outdated equipment and aging municipal infrastructure, lower utility costs, and achieve energy and environmental goals. Benefits included:

- A “turnkey” delivery model to holistically upgrade building systems
- Energy and water savings
- Improved operation and maintenance from the installation of more efficient infrastructure
- Leveraging limited capital improvement dollars and energy savings to enable more work
- Standardized equipment for future maintenance needs
- Addressing the City’s sustainability goals through efficiency and renewable energy

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**.

