



Project Highlight

Southeast New Mexico College, NM



Comprehensive Upgrades
Modernize Infrastructure and Boost
Energy Resilience on Campus

Technology Type:

Interior & Exterior LED Lighting | Solar Carports &
Rooftop Units | Heat Pump & Coil Replacements |
Condenser Evaporative Cooling | System Controls |
Building Envelope Improvements | High Efficiency
Transformers | M&V | O&M | Energy Savings
Performance Contract (ESPC)

Facility Size

142,000 sq. ft.

Solar PV System Size

977.7 kW-DC

M&V and O&M Contract Term

20 years

Estimated Annual Energy Savings

~\$141,000



Summary

Southeast New Mexico College (SENC) partnered with Ameresco on a comprehensive energy infrastructure project designed to improve campus efficiency, reliability, and sustainability. Following an investment-grade audit, SENC entered a 20-year O&M contract with Ameresco to address needed upgrades across the campus. These investments support SENC's goals to enhance learning environments, reduce energy costs, and deliver long-term financial benefits.



Solution

SENMC partnered with Ameresco to modernize its aging energy infrastructure and create a more efficient, comfortable environment for students and staff. Ameresco implemented a range of energy efficient upgrades, including the installation of solar-covered parking canopies to help offset energy costs. Solutions provided include the following:

- Interior & exterior LED lighting retrofits
- Rooftop units (RTUs) & heat pump upgrades
- Heating hot water coils replacements
- Condenser evaporative cooling upgrades
- Building controls replacements
- Building envelope improvements
- High efficiency transformer installation
- Solar PV carports

As a newly independent college, SENMC recently finalized its first campus master plan and five-year strategic plan. As a foundation to those plans, we needed to create the best possible environment for our students, faculty and staff. What started as a distant dream of replacing aging HVAC equipment, providing solar-covered parking for our students, employees, and guests, and keeping our energy costs under control has become a reality thanks to our partnership with Ameresco. The project will reduce our campus energy usage and costs, supporting our strategic plan goals related to efficiency, learning, and student success. This project was truly a collaborative effort – we very much appreciate Ameresco’s knowledge and effective implementation of state-of-the art solutions that have enabled us to better serve our campus and community.

Dr. Kevin Beardmore
President of SENMC



Benefits

In addition to generating approximately \$141,000 in annual energy cost savings, the upgrades and solar carports highlight SENMC’s commitment to their strategic energy goals, allowing them to serve their campus and community. Additional benefits of the project include:

- Enhanced reliability of campus facility operations and energy use
- Improved quality of learning and research environments for students and faculty
- 20-year performance guarantee for efficiency upgrades and renewable energy installations
- Reduced deferred maintenance backlog on critical equipment across campus

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 infrastructure solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

