



## Project Highlight

# New Mexico Institute of Mining and Technology, NM

AMERESCO 

Energy Conservation Measures  
Reduce Costs and Advance  
University's Sustainability Goals

### Technology Type:

Solar PV | Interior & Exterior LED Lighting |

Energy Efficiency | Renewable Energy |

Central Plant Upgrades

### Solar Capacity

666.8 kW DC

### Project Size

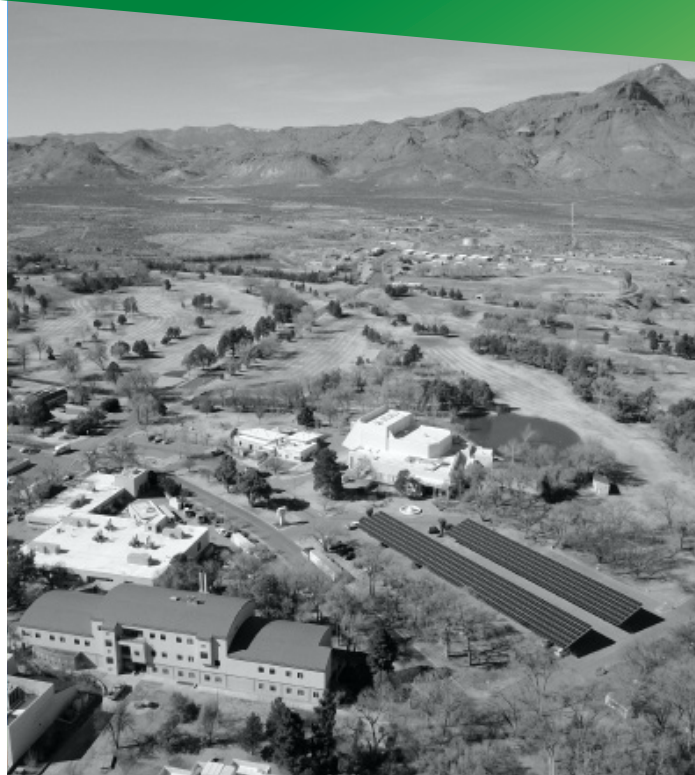
49+ buildings

### Project Term

20 years

### Est. Annual Energy Savings

\$540,000



### Summary

Recognized as one of the nation's top STEM Schools, New Mexico Institute of Mining and Technology (New Mexico Tech) selected Ameresco to implement a comprehensive energy efficiency project to advance the reliability of campus facility operations and advance their commitment to sustainability. In addition, the renewable energy and conservation measures improved New Mexico Tech's learning environment for students and faculty.



## Solution

Ameresco explored and evaluated various conservation measures and installed renewable energy and energy/water efficient technology designed to reduce costs and enhance sustainability. The project included the construction of 664kW of solar PV carport in three locations around the campus.

- Interior and exterior LED lighting retrofits
- Equipment level DDC upgrades
- Scheduling and controls optimization
- Lab air system rebalancing
- Chiller plant controls optimization
- Variable flow CHW pumping
- Water conservation measures



**New Mexico Tech has a strong science and technology education and research mission that includes an emphasis on resource sustainability and energy efficiency. Our work with Ameresco to dramatically reduce our campus energy usage and costs fits perfectly with our mission. This project was truly a collaborative effort and we very much appreciated Ameresco's knowledge and effective implementation of state-of-the art solutions that have enabled us to better serve our campus and community.**

Dr. Cleve McDaniel,  
*Vice President for Administration and Finance, New Mexico Tech*



## Benefits

The project provides increased visibility and awareness of New Mexico Tech's dedication to sustainability and energy efficiency while providing substantial energy cost savings including the following benefits:

- Enhanced reliability and quality of facilities' operations
- Improved comfort and quality of learning environment
- Annual energy cost savings of \$540k
- Provided long-term cash flow and reliability benefits beyond the 20-year contract term

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**.

