

# PROJECTS IN THE SPOTLIGHT

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ALAMOGORDO PUBLIC SCHOOL DISTRICT

*The multi-phased project has used energy efficient measures to help pay for system upgrades and enhancements as well as provide temperature control through geothermal renewable-energy to five schools representing 57% of the education space.*



- Renewable Energy (ground-source heat pumps)
- Classroom Lighting Upgrades
- Digital Control and Monitoring

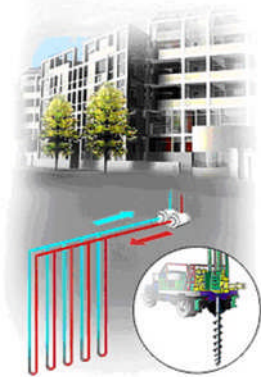
*Alamogordo High School*

## Performance Contracting & Renewable Energy

The Alamogordo School district had a goal to upgrade their HVAC system while taking steps to reduce the districts energy consumption. ECI provided the school district with a detailed energy audit to assist in determining the most beneficial choices available.

The school district has entered in to a ten-year performance contract with ECI, which utilizes budget savings to help fund the system upgrades. Alamogordo Schools added ground-source heat pumps, lighting retrofits and digital controls. These controls are monitored via the districts' Ethernet.

- Security & IT Infrastructure



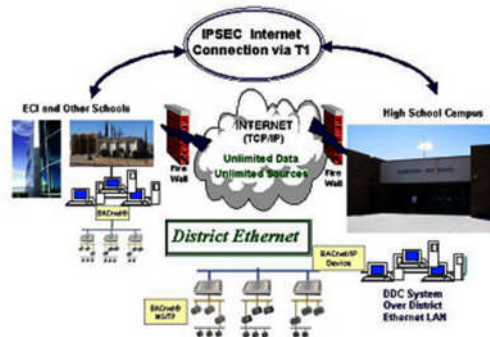
*Ground-source heat pumps regulate temperatures in the High School, Chaparral Middle School and Yucca, La Luz & Heights Elementary*

Alamogordo Public Schools has received local and National attention for its' Renewable Energy project.

## ASHRAE JOURNAL

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DAILY NEWS

- \$22,738,000 in Capital Improvements
- \$1,981,000 in Cost Savings
- Federal, State & District Funding
- Improved Learning Environment



*BACnet integrated with district Ethernet & Internet*



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*Using technology to improve the use of energy and create a better environment*