



**OFFICE OF THE GOVERNOR
NEVADA STATE OFFICE OF ENERGY**

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58 Nevada Schools Receive New Solar PV Systems

As Nevada high school and elementary students learn about solar energy in their science classes, some will have live applications right over their heads that they can explore. Nevada school districts have installed rooftop solar photovoltaic (PV) systems at a total of 58 schools with the help of federal stimulus funding from the Nevada State Office of Energy (NSOE) and utility rebates.

"It's exciting to see a monitor in a school's main office indicating how much energy the system is generating in real time," NSOE Director Stacey Crowley said. "What a great learning opportunity for the students, not to mention the amount of energy savings that is benefitting the schools in these tough economic times."

Seven of Nevada's school districts have completed or are working on solar installations through the NSOE's \$9.5 million program, which was funded by the American Recovery and Reinvestment Act of 2009. Each district received \$441,176 to assist with energy efficient lighting replacements, HVAC system upgrades, energy conservation measures, and renewable energy installations. Larger per capita counties, Washoe and Clark, received an additional \$1 million each.

Washoe County installed 1.13 megawatts of solar at 23 schools including 18 elementary schools, three middle schools and two high schools. Clark County added 50 kilowatt solar PV systems at 24 elementary schools and one career and technical academy high school. Other districts installing solar include Churchill, Esmeralda, Lander, Pershing and Storey Counties.

Approximately 656 students that attend Lovelock Elementary School, Pershing County Middle School, and Pershing County High School will benefit from an estimated \$280,000 a year in energy savings.

"Pershing County's solar energy projects have been a great learning tool that has generated interest amongst students, staff and community members," Pershing County School District Superintendent Daniel Fox said. "With the distressed state of Nevada's economy, the savings realized has allowed the district to retain a teaching position that might otherwise have been eliminated due to budget constraints. It has had a direct, positive effect in the classroom."

Learn more about the NSOE's programs at www.energy.nv.gov.



Photo cutline: Almost 1,000 PK-5 students will benefit from the new 50 kilowatt solar PV system that was installed recently at Lina Rankin Givens Elementary School in Las Vegas.



Photo cutline: Wooster High School students in Reno get to see what's happening in real time with their new solar PV system on this flat screen monitor located in the school's main office.

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