

Victor Valley College Press Release

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For Immediate Release

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VVC Receives \$ 305,000 for Energy Efficiency Building a Green VVC

Victor Valley College was presented a check in the amount of \$305,975 as incentive funding for energy reduction and efficiency projects from Southern California Edison through the Public Utilities Commission at the January Board Meeting. The check is a result of the current and future installation of energy efficient equipment that exceeds Title 24 requirements based on actual reduction in energy consumption.

Several months ago, the College Board of Trustees approved an agreement with Chevron Energy Solutions to set in motion a series of energy efficiency measures that showcases the college as a leader in energy efficiency and renewable energy technology in Southern California.

Lisa Hannaman, Account Executive at Southern California Edison, presented the

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check to Joe Range, President of the Board and stated, "I am pleased to take this opportunity to congratulate Victor Valley College on their active participation in the California Community College/Investor Owned Utility Energy Efficiency Partnership Program." Thank you for your leadership and motivation in helping to reduce energy off of the electricity grid. The college's comprehensive project will reduce 1.7 million kWh's and produce a savings of \$224,000 in electricity cost for the campus. This resulted in an incentive of \$305,975.43 back to the college. We look forward to the implementation of this project in 2007."

VVC recently installed hot and chilled water piping that provides temperature regulated water for the Heating, Ventilation, and Air Conditioning (HVAC) systems from the Central Plant to Art, Counseling/Administration, and the new Advanced Technology Center. The project will eventually be linked to the new Speech/Drama Addition to the Performing Arts Center, Student Services 1, and Student Services II.

The college also removed the ceiling in the Counseling/Administration building (#55) for installation of new energy efficient VAV's (heating and cooling coils that provide conditioned air to the building) and replaced antiquated lighting fixtures with new, more energy efficient units. This retrofitting process will be carried over to other buildings throughout the college campus.

The Central Plant, originally built to provide heating and cooling for the Science and Library buildings, has been gutted and two new 500 ton chillers, which

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arrived over the holiday break, are being installed. This project will be completed in February. New cooling towers have also been installed outside the Central Plant to the East. These cooling towers will enable the District to save on electricity as well as reduce the college's overall water usage.

In a report to the Board, Steve Garcia, Director of Facilities Construction and Contracts at VVC, said, "The installation of efficient and reliable boilers, chillers, lighting, and energy management systems have dramatically reduced energy usage and improved the learning environments everywhere they have been installed."

Other projects scheduled to be completed include a new computerized irrigation system, mechanical upgrades and a complete change-out of air distribution equipment. Also on the project list is the installation of light tubes, which are very similar to basic sky lights, utilizing round flexible cylinders to bring in natural daylight. These light tubes will be installed in the Counseling/Administration building. College officials are also investigating the feasibility of the use of wind turbines and photo voltaic (solar panels) to produce energy and reduce costs.

When these projects are completed VVC will have reduced:

1. 1,446 tons/year of Greenhouse Gas (CO₂) avoided
2. 2,373 pounds/year of NO_x - Acid Rain avoided
3. Equivalent to preserving 11 acres/year of forest from deforestation
4. Equivalent to removing 284 cars/year off the highways

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