

Data-Monitoring Software Donated to College



COURTESY MESALANDS COMMUNITY COLLEGE

OSIsoft CEO Dr. J. Patrick Kennedy, left, demonstrates the PI System software to Mesalands President Dr. Phillip Barry.

■ *Mesalands will use system to keep tabs on wind turbine operation*

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A company has donated \$300,000 worth of its data-monitoring software to the North American Wind Research and Training Center in Tucumcari.

OSIsoft gave the center at Mesalands Community College's its PI System, which is considered an industry standard in enterprise infrastructure that is used for management of real-time data and events.

It is often used in computerized monitoring of industrial equipment with rotating parts, such as wind turbines.

The software is an essential ingredient for the research on the college's 1.5-megawatt wind turbine, Mesalands president Phillip Barry said.

"It will provide sophisticated data that can be used in research applications in major national labs such as Sandia and major universities across the U.S.," he said.

OSIsoft CEO Dr. J. Patrick Kennedy said, "Our PI System is used worldwide on wind farms for monitoring and will give not only students but researchers real-time and his-

torical data to use in monitoring turbine performance and reliability."

Wind farms typically use data-monitoring systems.

The PI System specifically collects information from 500 data points including the temperature, wind speed, current and voltage output, mechanical, electrical and vibration.

The data can then be analyzed for trends to see if the college needs to take preventive measures.

The donated OSIsoft software can monitor 20,000 actual or calculated data points on the college's 1.5-megawatt wind turbine.