

## ***MEDIA RELEASE***

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# **Wind turbine installed at SIAST Palliser**

*New teaching tool demonstrates renewable energy sources*

**June 23, 2009** – A wind turbine was installed this week at SIAST Palliser Campus in Moose Jaw.

SIAST will use the turbine to collect data on wind speed, direction and duration, net electricity generated and noise levels as part of an applied research project.

Staff and students in the Water Resources and Environmental Engineering Technology programs will monitor the equipment and evaluate the data. The turbine will also be used to demonstrate renewable energy sources to other programs at SIAST, including the Electrician and Architectural Building and Interior Technologies programs, as well as to the City of Moose Jaw, SaskPower and the Saskatchewan Research Council.

“This is a small turbine but it will have large benefits to students in many of our programs,” said Arnold Boldt, dean of Technology at SIAST. “Renewable energy is becoming an important part of our world, and our students will benefit from the hands-on experience of working with the data collected from the turbine.” The turbine will benefit 340 students each year.

This 1.3 kW turbine will generate electricity for the campus, with any surplus power being directed back to the grid through a net metering agreement with SaskPower. The turbine will produce enough power to supplement almost half of an average two-person household’s energy requirements.

An event will be held in the fall to officially open this installation.

SIAST is Saskatchewan’s primary public institution for post-secondary technical education and skills training, recognized nationally and internationally for its expertise and innovation. More than 13,000 students are registered in SIAST programs, which touch every sector of the economy; additionally, the organization draws almost 32,000

individual course registrations. It operates campuses in Moose Jaw, Prince Albert, Regina and Saskatoon, and provides a number of courses and programs through distance education.

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