



## *Media Release*

**For Immediate Release**

**February 4, 2011**

### **New green technology could offset SaskEnergy's electrical use within four years**

SaskEnergy pipeline subsidiary TransGas, together with partner companies Found Energy and Innovative Steam Technologies (IST) will use an innovative technology designed to capture the waste heat of compressor station engines and convert it to useable electricity. If successful, the corporation could be producing more renewable electricity than it consumes by 2015, thanks to this new green technology. The project will also help develop Waste Heat Recovery technology for applications with other energy industry markets in Western Canada.

TransGas uses compressors to move natural gas through its 14,000 kilometres of high pressure transmission pipeline across Saskatchewan, as well as to inject gas into its 27 underground storage caverns and two storage fields.

"SaskEnergy and TransGas have set a goal to become net zero in electricity consumption by 2015 and Waste Heat Recovery will be one of the key factors in pursuing this goal," said Minister Responsible for SaskEnergy Dustin Duncan. "Recovering waste heat from compressor engines will reduce the corporation's carbon footprint and our province's reliance on traditional, electrical generation sources. Through this project, SaskEnergy is supporting Saskatchewan's 'Go Green' initiative by investing in an environmental solution to an every day business process."

The \$5.7M Waste Heat Recovery project at TransGas' Rosetown and Coleville Compressor Stations will capture heat normally vented to the atmosphere through the compressor engines' exhaust, and converts it to electricity utilizing a process called the Organic Rankine Cycle. The electricity will then be sold back to the SaskPower grid.

Construction is currently underway at Rosetown Compressor Station, with commissioning, testing, and start-up planned for March 2011, with the Coleville project soon to follow. The Coleville Waste Heat Recovery project will be the first of its kind in North America to utilize new technology for small compressor engines, which is why SaskEnergy and Found Energy are optimistic about its future use in the energy industry. Similar projects are in the planning stages for some of TransGas' other compressor facilities.

"Found Energy brings together the best minds and technology available and with our collective in-house resources, are well positioned to be a single-source provider that can handle jobs from start to finish," says Bob Dautovich, President, IST. "We have the unique ability to partner with forward-thinking industry leaders to develop such clean energy facilities. We are extremely pleased to have this first order from TransGas and look forward to being their partner in improving their energy efficiency and helping to reduce their carbon footprint."

The Rosetown Waste Heat Recovery unit is expected to produce roughly seven million kWh per year – enough to power nearly 800 Saskatchewan homes. This is equivalent to approximately 25 per cent of SaskEnergy and TransGas’ total annual electrical consumption. The Rosetown project will offset approximately 5,000 tonnes of Carbon Dioxide Equivalent (CO<sub>2e</sub>) per year – comparable to that which would be achieved by planting approximately 78 square kilometres of carbon absorbing forest.

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**Found Energy** is a clean energy company operating out of Cambridge, Ontario, that makes it easier for forward-thinking industry leaders to strengthen their commitment to the environment while fueling the bottom line.

Found Energy is a vertically integrated company that will develop, build, own, operate and maintain power plants that generate clean energy from waste heat.

Found Energy brings together the best minds and technology available. Our sister company IST has been in the heat recovery business since 1992. They are a global leader in their field, with 174 units sold in 19 countries and 6 continents. IST has developed a suite of advanced products and design tools that ensure the main heat exchanger that captures the waste heat is the best available.

The considerable construction and financial resources of Aecon back Found Energy and IST. Aecon is the largest publicly traded infrastructure and construction company in Canada. The Aecon Industrial Group, with their background in power plant construction is uniquely suited to provide coordinated engineering and construction services for Found Energy.

With our collective in-house resources we are well positioned to be a single-source provider that can handle the job from start to finish. This minimizes risk to our customers and ensures a successful project.

When you put it all together, you get a clean power producer that has the expertise, attitude and solid backing to deliver an easy, environmentally responsible and profitable experience for all involved.

[www.foundenergy.ca](http://www.foundenergy.ca)  
[www.otsg.com](http://www.otsg.com) (IST)