



Media Release

For Immediate Release

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Waste heat proves to be powerful for Saskatchewan

SaskPower and NRGreen Power collaborate on unique energy project

Saskatchewan may be known for cold winters, but SaskPower and NRGreen Power are taking advantage of the heat. Waste heat, that is.

SaskPower and NRGreen Power have completed construction of four waste heat recovery units on Alliance Pipeline's natural gas pipeline in the province. Located at Alliance's compressor stations at Loreburn, Alameda, Estlin and Kerrobert, the four waste heat recovery units will generate five megawatts (MW) of electricity each – for a total of 20 MW of clean electricity. This is enough power to meet the needs of about 20,000 homes.

“With a thriving provincial economy and an increasing need for power, SaskPower is able to rely on independent power producers to ensure that reliable and affordable power is in place to sustain Saskatchewan's growing economic momentum,” Crown Corporations Minister Ken Cheveldayoff said. “SaskPower is pleased to be working with NRGreen Power to introduce more environmentally responsible power into the province and help us meet our commitment to reducing greenhouse gas emissions.”

NRGreen Power and SaskPower have a 20-year power purchase agreement for the power generated at each of the four waste heat recovery units. Using innovative technology, the exhaust heat from the jet engines that move the natural gas through the Alliance pipeline is being captured at Alliance's four compressor stations in Saskatchewan, converted into electricity and fed into the provincial electrical grid. Recovering the waste heat exhaust from these engines is also a more efficient use of existing infrastructure.

“As the Alliance system operates over 99 per cent of the time, this is a reliable source of energy that is being generated in an environmentally responsible manner – no new emissions are created in this process. Waste heat recovery projects are one cost-effective way to address North America's increasing energy needs, and a more efficient and effective way to operate our facilities,” said Murray Birch, NRGreen Power's president and chief executive officer.

The first waste heat recovery unit near Kerrobert was operational in December 2006, and the units at Loreburn and Estlin were completed this summer. The last unit at Alameda is scheduled to be operational this fall.

For more information on these innovative projects, please visit www.nrgreenpower.com and www.saskpower.com

ABOUT SASKPOWER

SaskPower is the principal supplier of electricity in Saskatchewan, serving more than 451,000 customers. The corporation has almost 2,500 permanent full-time employees located in 71 communities around the province. SaskPower operates with a total available capacity of 3,668 MW, supplying customers through more than 155,000 kilometres of transmission and distribution lines.

ABOUT NRGREEN POWER

NRGreen Power Limited Partnership, an entity related to Alliance Pipeline Limited Partnership ("Alliance Pipeline"), was established in 2002 to pursue the commercial development of electrical generation opportunities associated with the Alliance Pipeline system.

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