



Media Fact Sheet
Kerrobert Heat Recovery Project Launch

- This is the first of four waste heat recovery units being built on Alliance's natural gas pipeline system in Saskatchewan as part of SaskPower's Environmentally Preferred Power (EPP) program.
- The Environmentally Preferred Power (EPP) program is part of SaskPower's Green Power Portfolio – our strategy to provide for new load growth until 2010 without adding to the province's emissions profile.
- This 5-megawatt project, located at Alliance Pipeline's Kerrobert compressor station, is expected to produce enough environmentally responsible electricity to power the equivalent of about 5,000 homes.
- Utilizing patented technology developed and manufactured by Ormat, the waste heat unit constructed at Alliance Pipeline's Kerrobert Compressor Station, recovers exhaust heat from natural gas compression, and converts it into electricity. A refrigerant in the installed energy converter unit captures the heat from the compressor station exhaust and then flows through turbines as a vapour to generate electricity. This 'waste' heat would otherwise be vented into the atmosphere. Electricity generated from waste heat is environmentally responsible and no greenhouse gas or other emissions are produced.
- Ormat Technologies, Inc, (NYSE: "ORA") is a company dedicated to providing power solutions. The Kerrobert Waste Heat Project utilized the ORMAT® Energy Converter (OEC) generator and recovered energy generation (REG) technology that recovers heat from the exhaust from natural gas compression, and converts it into electricity. This 'waste' heat would otherwise be vented into the atmosphere. Electricity generated from waste heat is environmentally responsible as it produces no new greenhouse gas or other emissions and results in no other environmental disturbance.
- SaskPower has connected the generation facility to the provincial grid by constructing approximately 1.6 km of 72 kilovolt (kV) power line from the adjacent ER8 transmission line. This work was completed primarily by SaskPower crews with only one, two-hour disruption to local service during the construction period.
- The three other 5-megawatt waste heat recovery projects being built on Alliance's natural gas pipeline system will be located at Estlin, Alameda and Loreburn, Saskatchewan.

- In total, SaskPower and Alliance Pipeline will generate at least 20 megawatts of clean, environmentally responsible electricity through the EPP program.
- The Environmentally Preferred Power program was designed to provide the opportunity for SaskPower to partner with independent power producers to build and operate small-scale generation projects that will help SaskPower provide for new load-growth to the year 2010 with environmentally low-impact generation that produces no new greenhouse gas emissions
- EPP solicitation was targeted at small power projects that either use waste streams as a fuel source or produce no new emissions. This will allow SaskPower to add small generation in step with new load requirements.
- Generating electricity from waste heat provides Saskatchewan with a reliable and consistent power source. There are many opportunities to further commercialize waste heat applications to address electricity demands.
- As a result of being selected by SaskPower for this project, Alliance Pipeline has contributed about \$1 million to the economy of the region. Alliance Pipeline looks forward to continuing the rewarding business relationship it enjoys with the citizens of Kerrobert and surrounding area.