



24 November 2005

The Manager
Australian Stock Exchange Limited
Company Announcements Office

No. of pages: 4

Dear Sir

Press Release
Siemens to Build Kalina Cycle Geothermal Power Plant

The Siemens Industrial Solutions and Services Group based in Erlangen, Germany, has announced that it has received an order to build a turnkey geothermal power station in Unterhaching near Munich utilizing the "Kalina Cycle" technology.

Exergy Inc. has licensed the use of its Kalina Cycle technology to Siemens since 2002 and is delighted that the years of commitment and hard work in applying the Kalina Cycle to the European geothermal market is now paying off. There are numerous other similar projects in Europe and other parts of the world in which Exergy's network of licensees are experiencing unprecedented interest which is translating into real projects such as that in Unterhaching.

Exergy could start receiving royalty payments for the licensing of the technology for use at Unterhaching as early as December 2005.

Wasabi Energy Limited currently owns approximately 46% of Exergy. This latest development, along with the progress of other licensees of the Exergy technology including AMP Resources LLC, Geodynamics Ltd and Ebara of Japan, provides Wasabi with assurance of Exergy's inherent value.

Yours faithfully

Tim Wise
Director

Following: Siemens Press Release

Industrial Solutions and Services

For the trade press

Erlangen, November 18, 2005

Power and heat from deep underneath the ground – Siemens builds turnkey geothermal power station for Unterhaching

The Siemens Industrial Solutions and Services Group (I&S) has received an order from Geothermie Unterhaching GmbH und Co. KG to build a turnkey geothermal power station in Unterhaching near Munich. The project includes the turbo-set, a heat-exchanger circuit, the cooling system, the entire electrical power equipment up to and including power input and also the instrumentation and control system. The geothermal power station is designed to generate 3.36 megawatts of power and will work according to the Kalina principle. This will enable heat from low-temperature springs to be converted into electrical energy with a higher degree of efficiency compared to conventional installations. Siemens is also responsible for constructing the administration building and the machine building including noise protection measures and will provide maintenance for the power station for the first ten years of operation. The total value of the contract amounts to around 16 million euros and the start of commercial operation is scheduled for the middle of 2007.

Unterhaching near Munich is situated in the south-German Molasse basin. Here, the porous limestone contains hot water with a temperature of over 100 °C at a depth of around 3000 meters. In order to exploit this source of hot thermal-spring water, the community, which has 21,000 inhabitants, established Geothermie Unterhaching GmbH und Co. KG and remains the sole owner. A drilling operation carried out in summer 2004 encountered water with a temperature of 122 °C at a depth of 3300 meters. The

1 / 3

well will produce a supply of hot water at a rate of 150 liters per second. Out of this amount, 25 liters per second will be used to generate heat for the district heating system whereas the remaining 125 liters per second will be used to generate 3.36 megawatts of electrical energy in the new geothermal power station.

Siemens will supply and install all the above-ground parts of the power station installation. This includes the heat-exchanger circuit, the steam turbine with generator, and the cooling circuit, as well as all the automation and control systems which will be based on Simatic PCS7. The heart of the new geothermal power station is the heat-exchanger circuit which will function according to the Kalina principle. A mixture of water and ammonia will be used as the working medium. Compared to pure media with a constant boiling point such as water or pentane, this mixture boils over a large temperature range at a defined pressure. The heat efficiency of the Kalina principle is therefore considerably higher than a water-steam circuit or organic Rankine circuit (ORC) and, even at low temperatures, will enable economically efficient operation of the plant.

In addition to the above, Siemens is supplying all the power systems and equipment, consisting of medium and low-voltage transformers, a 22 kilovolt, a 6 kilovolt and a low-voltage switchgear installation as well as the power distribution, direct current supply and grounding equipment. Siemens is also responsible for construction of the administration building including control center, the machine building and the cooling tower basin. The project also involves maintenance of the geothermal power station during the first ten years of operation.

“We urgently need more power and heat from low-temperature springs. We are therefore now building the most modern plant of its kind in Unterhaching”, said mayor Dr. Erwin Knappek. Siemens was awarded the contract for this geothermal power station because the competence of the company was the best way of ensuring that the local citizens will benefit from a sustainable supply of electricity and heat.

A picture supplements this press release. Please see:

<http://www.industry.siemens.com/data/presse/pics/10054783.jpg>

2 / 3

Further information under: <http://www.industry.siemens.com/geothermal>

The Siemens **Industrial Solutions and Services Group (I&S)** is the integrator of systems and solutions for industrial and infrastructure facilities and global service provider for the plant and projects business covering planning, installation, operation and the entire life cycle. I&S uses the electrical and technical products of other Siemens Groups in order to enhance productivity and improve competitiveness of companies in the sectors of metallurgy, water treatment, pulp and paper, oil and gas, marine engineering, open-cast mining, intelligent traffic systems and industrial services. In fiscal 2004 (to September 30) I&S employed a total of 30,000 people worldwide and achieved total sales of EUR 4.290 billion.

Further information and downloads under: <http://www.industry.siemens.com>