



## **Thermal Energy Awarded Initial Heat Recovery Order from a Global Diversified Mining and Materials Company**

### ***Order Marks New Application and Additional Distribution Model***

**OTTAWA, ONTARIO – December 18, 2013** – Thermal Energy International Inc. (“Thermal Energy” or the “Company”) (TSXV: TMG), a global provider of energy efficiency and emission reduction solutions, announced today that it has received a heat recovery system purchase order valued at approximately \$200,000 from a global mining and materials company.

“While the size of this order is smaller than our typical heat recovery orders, it is important for a number of reasons. First, it represents an entirely new application for our heat recovery product offering in the global mining and materials sector,” said William Crossland, CEO of Thermal Energy. “We believe this could be the start of a long-term relationship with this diversified and vertically integrated global company. With numerous mines and processing centres, there is considerable potential for multiple orders from this customer, as well as other companies in this sector. Secondly, this is the first time we have sold one of our heat recovery units by itself without installation. Selling our heat recovery systems as equipment is a strategic goal of ours as it represents an additional and complimentary distribution model typically with a shorter sales cycle.”

This heat recovery system is expected to reduce the mining and materials company’s fuel costs by approximately \$350,000 annually and has an expected life of 20 years or more. The heat recovery system is also expected to reduce the customer’s greenhouse gas emissions by approximately 1,000 tonnes annually.

With this order Thermal Energy’s order backlog currently stands at approximately \$10.5 million of which approximately \$0.5 million is related to long term contracts and is not expected to be reflected in revenue within the next 12 months. Thermal Energy includes in “order backlog” all purchase orders received for product or services that have not yet been reflected as revenue in the Company’s published quarterly financial statements.

### **About Thermal Energy International Inc.**

Thermal Energy International Inc. is an innovative cleantech company providing a variety of proprietary and proven energy efficiency, emission reduction, water efficiency, and bioenergy products and solutions to the industrial, commercial and institutional markets worldwide. Thermal Energy is also a fully accredited professional engineering firm, and can offer advanced process and applications engineering services. By providing a unique mix of proprietary products together with process, energy, environmental, and financial expertise Thermal Energy is able to deliver significant financial and environmental benefits to its customers.

Thermal Energy's products include; **GEM**<sup>®</sup> - Steam traps and condensate return systems, **FLU-ACE**<sup>®</sup> - Direct contact condensing heat recovery, and **Dry Rex**<sup>™</sup> - Low temperature biomass drying systems. These award winning products are effective in a wide variety of industries and application and have an

excellent track record of longevity, proven reliability and performance providing significant energy savings, reduced GHG emissions, improved water efficiency, lower maintenance costs, improved product quality and increased production efficiency. Thermal Energy International Inc. has offices in Ottawa, Canada as well as Bristol, U.K., United States, Italy and China.

For more information, visit our website at [www.thermalenergy.com](http://www.thermalenergy.com) and follow us on Twitter at <http://twitter.com/GoThermalEnergy>.

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**###**

This press release contains forward-looking statements relating to, and amongst other things, based on management's expectations, estimates and projections, the anticipated effectiveness of the Company's products and services and the timing of revenues to be received by the Company. Statements relating to the expected revenue recognition for projects, statements about the anticipated effectiveness and lifespan of the Company's products, statements about the expected environmental effects and cost savings associated with the Company's products and statements about the Company's backlog are forward looking statements. These statements are not guarantees of future performance and involve a number of risks, uncertainties and assumptions. Many factors, some of which are outside of the Company's control, could cause events and results to differ materially from those stated. Fulfilment of orders, installation of product and activation of product could all be delayed for a number of reasons, some of which are outside of the Company's control, which would result in anticipated revenues from such projects being delayed or in the most serious cases eliminated. Actions taken by the Company's customers and factors inherent in the customer's facilities but not anticipated by the Company can have a negative impact on the expected effectiveness and lifespan of the Company's products and on the expected environmental effects and cost savings expected from the Company's products. Orders in the Company's backlog as described above may not turn into revenue due to many factors, some of which are outside of the Company's control, including but not limited to the Company's ability to deliver products on time and in accordance with specifications and the continuing financial viability of the customer. The Company disclaims any obligation to publicly update or revise any such statements except as required by law.

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