



**FOR IMMEDIATE RELEASE**

Contact: Paul Blaiklock, [paul.blaiklock@tmeic-ge.com](mailto:paul.blaiklock@tmeic-ge.com), (540) 283-2099

**TMEIC GE offers energy savings, reduction of carbon footprint, and improved plant efficiency with new Waste Heat Energy Recovery Solution**

**Roanoke, Va. (May 3, 2010)** – TMEIC GE introduces a *Waste Heat Energy Recovery Solution* for industrial furnaces such as Steel Mill Reheat Furnaces. TMEIC GE's new solution uses a process that generates emission-free, clean electricity with zero fuel cost using hot waste gases before they are released into the atmosphere.

A 100 ton/h reheat furnace can produce enough waste heat to deliver 2,000,000 kW/h per year, using a 250 kW power unit, representing up to 1800 tons of CO<sub>2</sub> emissions saved.

This unique, patent-pending process uses proven Organic Rankine Cycle (ORC) technology. It offers scalable power generation based on furnace capacity (250kW – 1MW), and recoverable power for every furnace operating hour.

Features of Waste Heat Energy Recovery include:

- Reduced utility dependence
- Generated electricity from waste with zero fuel cost
- Low maintenance, closed-loop system
- Improve kW/ton ratio
- Reduced carbon footprint

The TMEIC GE's *Waste Heat Recovery Solution* can be used to obtain renewable energy incentives in the form of tax credits.

Please contact TMEIC GE for information:

E-mail: [energy@tmeic-ge.com](mailto:energy@tmeic-ge.com)

###

**About TMEIC GE**

*TMEIC GE supplies electric drives, motors, automation systems and services for a wide variety of industrial applications. The Company has over 2200 employees, with sales exceeding US\$2 billion. Sales, Engineering and Service offices, and spare parts depots are located worldwide. Please visit our website at [www.tmeicge.com](http://www.tmeicge.com).*