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Polish Utility Collaborates with MicroCoal™ to Upgrade their Power Plants

- **Poland consumes 77 million tonnes of coal per year, making it the 10th largest coal consumer in the world and the 2nd largest in the EU;**
- **93% of Poland's electricity comes from coal;**
- **Poland is one of the largest consumers of low-rank coal in the EU.**

Vancouver, B.C., Canada – August 14, 2013 – MicroCoal™ Technologies Inc. (CNSX: MTI) is pleased to announce that a joint committee has been established between its wholly owned subsidiary, MicroCoal™ International Inc. (“MCII”) and a major European Union coal-fired utility. The purpose of this special committee is to prepare and evaluate a comprehensive proposal for the implementation of a MicroCoal™ clean coal upgrading facility for their coal-fired power plants in Poland. The parties are developing a mutually agreed upon schedule of events and foresee delivery of a bulk shipment of Polish coal in October for testing at its facility in Denver, Colorado.

While production and use of coal plummets in America, in Europe “we have some kind of golden age of coal,” says Anne-Sophie Corbeau of the International Energy Agency. The amount of electricity generated from coal is rising at annualised rates of as much as 50% in some European countries. Since coal is by far the most polluting source of electricity, with more greenhouse gas produced per kilowatt hour than any other fossil fuel, this is contradictory to European environmental aspirations. Burning low-grade coal has historically been a cheaper means of producing energy but it provides an enormous challenge for any government attempting to maintain economic growth and comply with the highly restrictive EU gas emission targets. By utilizing the Company’s proprietary microwave coal drying technology a utility can benefit both through increased factory efficiencies and corresponding net environmental improvements. For example, various sources, including DOE’s National Energy Technology Laboratory (NETL), the American Coal Council (ACC¹), EPRI² and others, state that a 2% reduction in moisture will reduce CO₂ emissions by 1%. Further, a substantial reduction in sulphur and mercury emission can be obtained by removing these contaminants using the MicroCoal™ technology.

Slawek Smulewicz, CEO and Director of the Company, states: *“Our collaboration with a major utility in the EU is a validation of the MicroCoal™ technology as part of a global energy solution that improves the thermal output of coal and reduces the pollution it generates. We are delighted with our new partnership in Poland for MicroCoal™ technology to optimize the performance of their coal plants. Poland is one of the largest consumers of low-rank coal. We are excited to see the global commercial roll-out for this environmentally important and cost-effective technology”*

¹Pre-Combustion Clean Coal, October 2008

²Coal Creek Prototype Fluidized Bed Coal Dryer, February 2007

About MicroCoal Technologies Inc.

The Company is focused on commercializing its unique, clean-coal technology through its 100% owned subsidiary MicroCoal International Inc.. MicroCoal™ is a low-cost, internationally patented microwave technology that reduces moisture in low-rank coal, thereby upgrading the energy content of low-rank coal comparable to that of more expensive high-rank coal. One of the keys to commercial success for the application is its integration directly on-site at the utility's location, thus providing direct access to unused electricity during off-peak times. The resulting effect is that the power required in the drying process has a greatly reduced input cost. Nearly all coal-fired utilities world-wide will now be able to switch to lower cost, low-rank coal and obtain substantial economic and environmental benefits, including major reductions in fuel costs, improved boiler efficiencies, and up to a 70% reduction in emissions of SOx, NOx and mercury.

On behalf of the Board of Directors,

“Slawek Smulewicz”
CEO and Director

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