



News Release

Re: Today's Announcement by the Canadian Clean Power Coalition: Clean Coal is Within Reach but Gasification is not the Answer, Says Canadian Clean Coal Technology Firm

OTTAWA – November 16, 2004 – Generating electricity from coal can be cleaner than natural gas but gasification is cost prohibitive and not the most appropriate technology for new power plants, says Eco Power Solutions in response to today's recommendation by The Canadian Clean Power Coalition (CCPC). The CCPC was formed in 2000 to research, develop and demonstrate commercially viable clean coal technology in Canada by 2012.

“In fairness to the CCPC, during Phase One of their initiative, they were not aware that there is a more cost effective and proven emissions control technology already in existence,” explained Tom Thompson, Chief Operating Officer of Eco Power Solutions, the developer of the COMPLY 2000 unit, the world's most advanced emission control and energy recovery technology. “CCPC Chairman Jim Dinning is absolutely correct when he states that clean coal is within reach. However, it is within reach today, not years from now. We look forward to working with newly installed Jacobs Engineering to help to deliver this solution today.”

CCPC research has concluded that electricity from coal can be cleaner than natural gas, but cost remains an issue. This is true when relying on gasification coal technology because gasification (plasma technology) uses large amounts of electricity for the conversion process or gasification process, and as a result has lower resale generating capacity than traditional coal fired furnaces, thus lower efficiencies and higher operating costs.

On the other hand, The COMPLY 2000 technology has the capability to remove greenhouse gases and also improve efficiencies through the heat recovery capabilities of the indirect contact heat exchanger system, the extent of which will increase efficiencies when compared to plasma technologies.

Eco Power's COMPLY 2000 unit utilizes a patented ozone-based technology that is designed to remove up to 98 per cent of combustion emission pollutants such as nitrogen oxide (NO_x), sulfur dioxide (SO_x) and particulates from a variety of industrial and utility sources, including: coal, oil and natural gas fired boilers for both industrial and municipal plants. The performance standards, which are superior to that of currently available technology, were verified by the U.S. Department of Energy at their test facility in the Brookhaven National Laboratory, as well as by Environment Canada and a third-party testing group.

“We applaud CCPC's work completed to date specific to Phase One of its research and look forward to working with this organization as they proceed through the next phase of their research, says Thompson. The technological gap to achieve optimized and cost effective designs has already been closed. We believe that this is good news for everyone.”

- 30 -

Note - the CCPC news release is available at: (<http://w5d2.ccnmatthews.com/scripts/ccn-release.pl?current/1116045n.html>).
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