



## Press Release - May 23, 2007

### **LPP Combustion Technology Proves that Renewable Soy-Based Biodiesel Can Burn as Cleanly as Natural Gas**

**Columbia, MD, May 23, 2007:** LPP Combustion, LLC has demonstrated that the patented LPP Combustion System will allow soybean oil-based biodiesel to burn as cleanly as natural gas, with no net greenhouse gas emissions. During testing this month, LPP Combustion obtained emissions of nitrogen oxides, carbon monoxide, sulfur dioxide, and particulate matter comparable to natural gas level emissions using a commercial “state-of-the-art” dry low emission gas turbine combustor. Because biodiesel is a renewable fuel, gas turbines burning this fuel with the LPP System can provide “carbon neutral” electrical power by producing no net greenhouse gas emissions.

LPP Combustion has developed an enabling technology that provides the cleanest possible use of biofuels in a combustion device without the need for post-combustion pollution control equipment. On August 15, 2006, LPP Combustion received its primary U.S. Patent for technology that converts biodiesel and other liquid fuels into a synthetic natural gas, called LPP gas, which can be burned in natural gas combustion systems with no modifications to the combustion hardware. Additional US and worldwide patents are pending.

LPP Combustion has uniquely positioned itself as a leading provider of biofuels-based clean renewable energy technology to the power industry. “I am very excited to offer the power industry our LPP Combustion Technology, which will allow biofuels to be burned with the lowest pollutant emissions possible and no net carbon dioxide (CO<sub>2</sub>) emissions. I am looking forward to the role our technology will play in helping the electric power industry and others to reduce greenhouse gases,” said Dr. Leo Eskin, President/COO of LPP Combustion,

The soy-based biodiesel was provided by Renewable Energy Group Inc. (REG), an Iowa-based full-service company and leader in the biodiesel industry. REG markets SoyPOWER® brand biodiesel to customers for the on-highway, marine, military, home heating and agricultural industries

Biodiesel created from soybeans grown in America is pumping millions of dollars into the economy and at the same time is reducing US dependence on foreign oil imports and eliminating greenhouse gas emissions. Biodiesel is an important part of the solution for achieving energy independence and a cleaner environment. LPP Combustion supports 25 x 25, an initiative to achieve 25% renewable energy by the year 2025. Gas turbines utilizing LPP Combustion Technology with biofuels, such as biodiesel, can fuel low emissions renewable energy power plants with no net greenhouse gas emissions.

*“Our technology opens up an additional market for biodiesel, and biofuels in general, to be used in the renewable energy power generation industry. Since the US Congress is currently considering several bills to regulate the emissions of carbon from combustion devices, the US government will likely regulate carbon emissions and greenhouse gases in the near future. We believe that LPP Combustion can enable the power industry to provide clean electric power while reducing carbon emissions.”*

**- Dr. Richard J. Roby  
Managing Member of LPP Combustion, LLC**

For more information, please contact: Erin Cousler, Business Growth Developer  
8940 Old Annapolis Road • Suite K • Columbia • MD • 21045 • Tel: (410) 884-3089  
info@lppcombustion.com • www.lppcombustion.com