

Eco Power Solutions Exceeds Proposed EPA Standards on Air Quality Emissions

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On November 16, 2009, The U.S EPA proposed to tighten the primary National Ambient Air Quality Standards (NAAQS) for sulphur dioxide (SO₂) to improve protection of public health. The current primary standards, which were implemented in 1996, are 140 parts per billion (ppb) measured over 24-hours and 30 ppb, measured over a year's period of time. The EPA has proposed to change the standard to between 50 and 100 ppb, measured over 1-hour. The EPA has based its proposal on scientific evidence which indicates that public health would be better protected by reducing exposure to high short-term concentrations of SO₂. The EPA estimates that fossil fuel combustion at power plants and other industrial facilities accounts for 95% of SO₂ pollution and that the costs of the new standard will range anywhere from \$1.8 to \$6.8 billion.

“Meeting the growing demand for efficient power generation and industrial processes while protecting the air we breathe is a global concern,” says Tom Thompson, CEO of Eco Power Solutions. “Fossil fuel combustion is the single largest source of industrial air pollution and emissions which contribute to multiple health and environmental issues. Over the last 20 years, industry has done much to improve environmental performance but continue to face complex challenges as they prepare to meet the governments call to further reductions. The key challenge will be to meet higher air quality emissions regulations while remaining competitive in the marketplace.”

Eco Power Solutions develops and delivers the world's most advanced turnkey energy recovery and emission control technology, the COMPLY 2000. “The performance standards for the COMPLY 2000 are well in excess of currently available technology and government mandates,” says Kevin Crapsey, Vice President of Eco Power Solutions. “Our unsurpassed patented technology of the COMPLY 2000 provides a greater than 96% reduction in air quality emissions such as Sulphur Dioxide, Nitrogen Oxide along with a 10%-25% reduction in Carbon Dioxide. Our technology enables new and existing power plants and industrial manufacturers to exceed the EPA's current and proposed environmental requirements in a cost-effective manner.”

The COMPLY 2000 offers an integrated solution for clean, reliable power production at a significantly lower capital investment point for our clients. The COMPLY 2000 is designed to remove up to 98% of combustion emission pollutants such as nitrogen oxide (NO_x), sulphur dioxide (SO_x), Mercury (Hg) and Particulate (PM 2.5); as well as eliminate up to 25% of carbon dioxide (CO₂) from a variety of industrial and utility sources, including: coal, oil and natural gas fired boilers for both power plants and industrial manufacturing.

About Eco Power Solutions

Founded in 2006, Eco Power Solutions is a leading developer and provider of patented turnkey energy recovery and emission control technology, COMPLY 2000, to utility and industrial clients. Eco Power Solutions technology provides a greater than 96% reduction in emissions (i.e. sulphur dioxide - SO_x and nitrogen oxide – NO_x, Mercury – Hg, Particulate – >PM_{2.5}), along with a 10% - 25% reduction in Carbon Dioxide (CO₂). Additionally, the company's technology is capable of generating supplementary energy by recovering waste heat that normally escapes into the atmosphere, thus providing a significant reduction in operating costs and increase energy reliability.

For more information, please visit www.ecopowersolutions.com

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