

Radian BioEnergy Torrefaction Technology

SALT LAKE CITY, Utah (January 17, 2011) – Radian BioEnergy has just completed preliminary engineering on a commercial scale proprietary Torrefaction system which will convert wood and various biomass feedstocks into bio-char or “green coal.” This technology leverages Radian’s existing Biomass Gasification reactor configuration. Radian’s CEO, Mr. Ben Phillips commented, “The development of our Torrefaction technology will further enhance our product offerings in the biomass energy sector, enabling us to supply major equipment or turn-key solutions to customers seeking a solution for biomass upgrading.”

The Radian Torrefaction system will produce approximately 200 tons/day of bio-char that can range in energy content from 9,000 to 11,000 btu/lb depending on operating conditions and product yield goals. The resulting bio-char will behave and handle much like coal enabling ease of integration and use for coal-fired power plants. This technology will create value for coal power plants and merchant project developers seeking to participate in the ever expanding biomass supply chain.

About Radian BioEnergy

Radian BioEnergy is a technology provider and project developer for biomass-based gasification energy systems for both electrical power and liquid fuels.

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