

## **Why include torrefied biomass in your fuel mix?**

All companies and individual facilities which release 25,000 tons or more per year of carbon dioxide into the environment are being required by the EPA to report their Green House Gas (GHG) emissions. In addition, electric generation companies are facing increasingly stringent requirements that create and/or increase the percentages of power required to be generated through the use of renewable fuels along with more stringent emission requirements. This is a result of the national concern over GHG emissions, climate change, and the desire to become less reliant on imported fuels. **The use of traditional biomass requires major capital expenditures for retrofitting of feedstock handling systems and the boilers' burner combustion systems or the installation of very expensive new biomass combustion systems.** Terra Green Energy's mission is to develop and offer for licensing a biomass pretreatment technology known as torrefaction. Use of the torrefaction technology to treat biomass converts it into a coal-like solid fuel. The torrefied biomass, "GreenCoal™" is capable of being used in coal fired boiler applications in place of coal but with a reduction in not only new carbon dioxide, but NO<sub>x</sub> and SO<sub>x</sub> emissions as well. The use of GreenCoal™ torrefied biomass will allow electrical generation and other industrial companies to meet their emission and regulatory requirements without the need for capital expense.