



ClearStack Power LLC

Stage³Cyclone™ Low Cost Technique for the Reduction of NO_x Emissions

ClearStack Power, LLC is developing a three-stage combustion technique called the **Stage³Cyclone™**. The technology is based on the use of three stages of combustor air, the third of which is overfire air (OFA). This staged combustion technique effectively reduces NO_x in cyclone units at a low capital cost and a low operating cost, offering the performance of SCR at a substantially lower cost per ton of NO_x removed.

Expected Performance: NO_x < 0.15 lbs/MMBtu

