



Press Release

July 21, 2013

Biogas & Electric Completes Major Milestone With Successful Full Scale Demonstration Project

Proving full scale technical feasibility, Biogas & Electric has recently completed a full scale demonstration project for **NOxRx[®]**, a NOx and SOx reduction solution for stationary biogas engines.

A **NOxRx[®]** solution treated the full exhaust stream from a 300kW lean burn biogas fired Guascor engine operating at a dairy in California. Results from the demonstration project were very encouraging as NOx was reduced to levels meeting the current CARB (California Air Resource Board) standard of 2-3ppm, and significantly below the current Best Available Control Technology (“BACT”) or BACT (Urea Inject Selective Catalytic Reduction) or (“SCR”) as designated by San Joaquin Valley Air Pollution Control District. The current NOx BACT level is 9-11 ppm adjusted to 15% O₂.

	Before	After
NOx	37 ppm*	2 ppm*
SOx	585 ppm	< 0.1 ppm

**NOx levels are adjusted to 15% O₂ basis.*

US Patent #8,012,746 has been issued to the company, and several international patents are pending.