



FlexEnergy, LLC

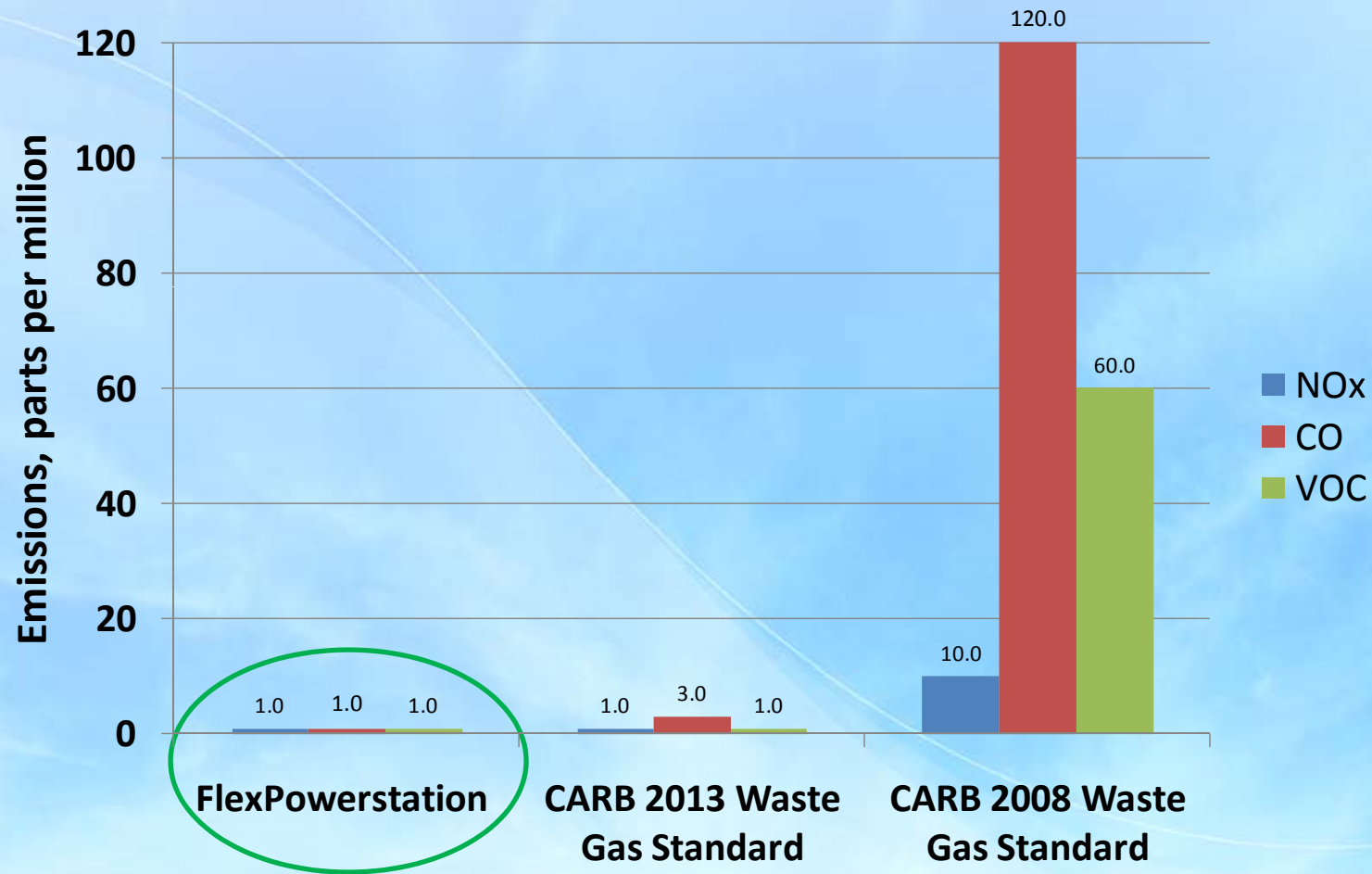
Presentation to
Green Tech Connect Forum
August 3, 2009

The Technology

- The FlexPowerstation is an ultra-clean, modular power plant that is the ultimate in fuel flexibility
- It runs on gas 1.5% the strength of natural gas (15 Btu/scf); no other power plant can run below 350 Btu/scf (natural gas has 1000 Btu/scf)
- Many industries waste gas by venting, oxidizing or flaring; environmental regulations are restricting or eliminating such waste
- The Flex **uses all waste gas** diluted (or spiked) to 15 Btu/scf
- The Flex emissions meet all current and planned CA regulations

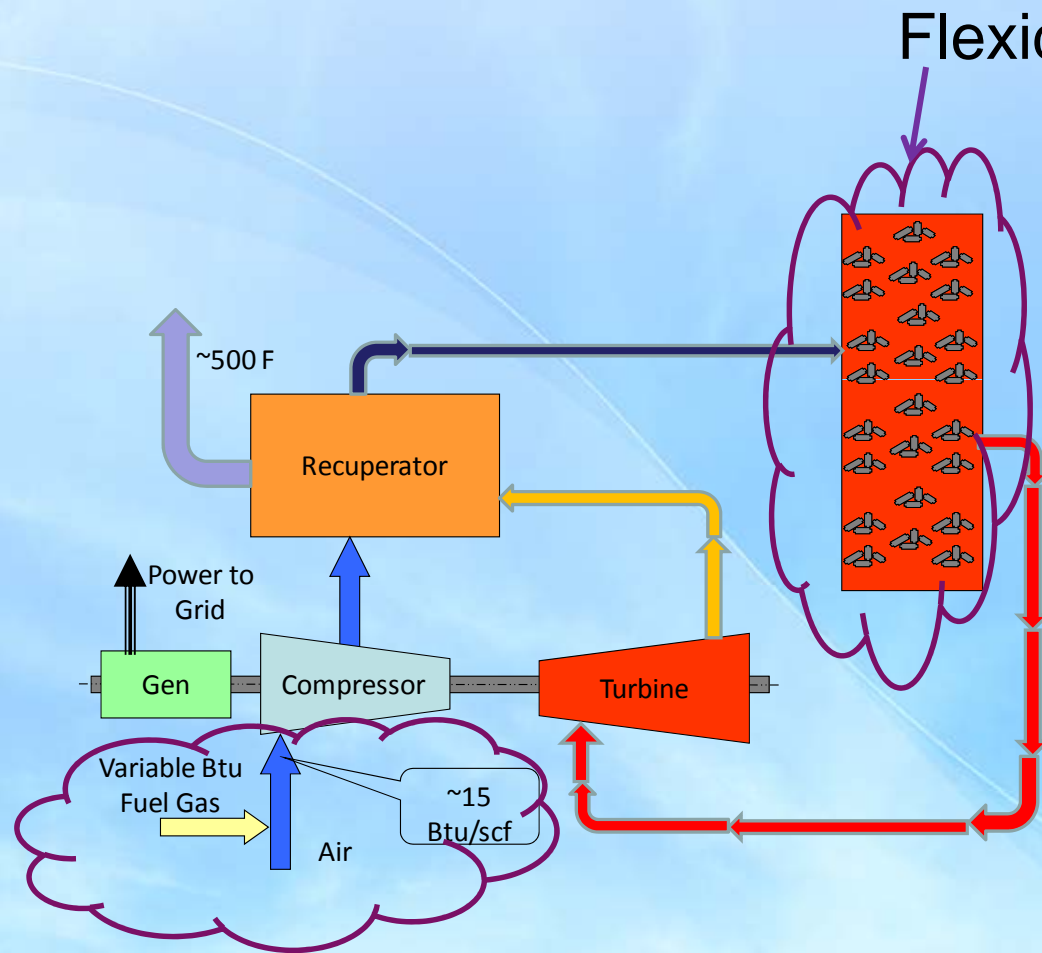
FlexPowerstation Emissions Profile

FlexPowerstation versus Emissions Standards



Emissions

FlexPowerstation



Flexidizer



FlexPowerstation

Who Wants the Flex? Market Size?

- California SCAQMD
- California ARB
- LA County Sanitation District
- Riverside County Waste Management
- Waste Gas purveyors the world over
 - Oilfields, coal mines, gas wells
 - Amine plants, flare stacks
 - Thermal Oxidizers
 - Biomass Gasifiers
- 1.5% to 100% methane, the entire range, the same power plant
- The global market is well over 100,000 MW...and we haven't totaled it all up yet
- There is virtually no competition at this time

The Value of Ultra-low Emissions?

- Virtually zero NOx, a trump card in California
- Runs on methane, can run on virtually any other gas and even liquid fuel with similar near-zero emissions
- Mandatory greenhouse gas reporting in CA has begun
- Reducing landfill methane emissions rule in CA proposed
- Mandatory greenhouse gas reporting proposed by EPA
- Our fuel, methane, is a greenhouse gas responsible for 25% of global warming
- From Southern California landfills alone, 150 MW of continuous power potential

FlexEnergy's Team

- **Joe Perry, CEO:** Proven Start-up entrepreneur, former President, ATECC, PaperBoy Ventures, Applied Linguistics, Green Earth, WaveCrest
- **Edan Prabhu, President:** Created the FlexPowerstation, a lifetime with energy, solar, landfill gas, geothermal, coal, etc. Author of patents protecting the Flex.
- **Chip Bottone, Advisor:** Former President of Ingersoll Rand Energy Systems
- **Ephraim Gutmark, PhD, Professor, Univ. of Cincinnati, Tech Advisor:** 55 patents in turbines, combustion, thermodynamics, world leader in flameless combustion
- **Bill Treece, VP Engineering:** Former Senior VP, Engineering, Capstone
- **Doug Hamrin, Paul Fukumoto, Steve Lampe,** formerly of Capstone, Ingersoll Rand, Honeywell
- **Ed Wheless, Advisor:** Formerly Energy Manager, LA County Sanitation District, world leader in landfill gas-to-power
- **Air Quality Expert Advisor:** To be announced

Status and Plans

- Alpha units operational circa 2004-2005
- Beta Unit under test now near San Diego
- Beta Unit will be installed at Lamb Canyon in Riverside later this year
- Six Units (ea. 200 KW) will be installed in 2010
- One 1 MW unit will be demonstrated in late 2010
- Thirty Units in 2011