Methane Reduction Technologies

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https://youtu.be/WQLmlwfgKKs
**Why Are We Here**

- Energy must be produced in an environmentally sustainable manner
- Identify and promote new clean technologies
- Highlight applications for new technologies

**Air Quality = Climate Change**

- CO2 very difficult and expensive to deal with
- Methane is 86 times more potent than CO2 over 20yrs
- Focus on the “easy stuff” or “low hanging fruit”
- Close to 80% of targets reached by focusing on methane
What We Do

• Black Gold Rush Industries is a combustion technology company which has developed a complete line of patented methane reduction technologies.

• Black Gold Rush Enclosed Vapour Combustors produce no visible flame or smoke and achieve > 99% total hydrocarbon destruction without any additional energy requirements.

• With the Black Gold Rush products you can eliminate all V.O.C’s, BTEX’s and Methane from your wellsite, multi-well battery or facility resulting in the elimination of soot, black carbon, and smoke which would typically be the result of flaring.

• Any low pressure gas which is vented to atmosphere or sent to a flare stack is eliminated using the Black Gold Rush technologies.

BGR-36 LP Enclosed Vapour Combustor

• Easily handles low pressure intermittent flows

• Produces no visible flame or smoke

• 99.99% total hydrocarbon destruction as low as 1.5 ounces

• Can use waste gas for pilot gas

• Solar Powered Operation

• CSA approved, B 149.3 compliant, ACL ignition control system
Pre-Assembled Rush Burner Packages

- All in one combustion solution for storage tank heaters, line heaters, de-hys and treaters.
- Greater than 80% efficiencies vs. typical burners 60%
- Utilize vent gas from site to heat process
- Reduces fuel gas usage by 25% (third party verified)
- Total hydrocarbon destruction of 98%
- Destroy harmful BTEX

Typical Burner

ACL Burner

Patented High Efficiency Burner
Measurability

(1) BGR 36 LP Combustor
365 Days
3,650 Cars Off The Road

Benefits of BGR Products

- Emission Reduction even in Low Commodity Price Environment
- > 99% Efficiency
- Utilize waste vent gas from site for process heat
- Eliminate Odors, Smoke, Black Carbon
- Eliminate Methane, V.O.C, BTEX venting
- Extremely low operating costs
- Extremely low installation costs
Thank you for the opportunity to present our complete methane reduction technology!

- Questions?