

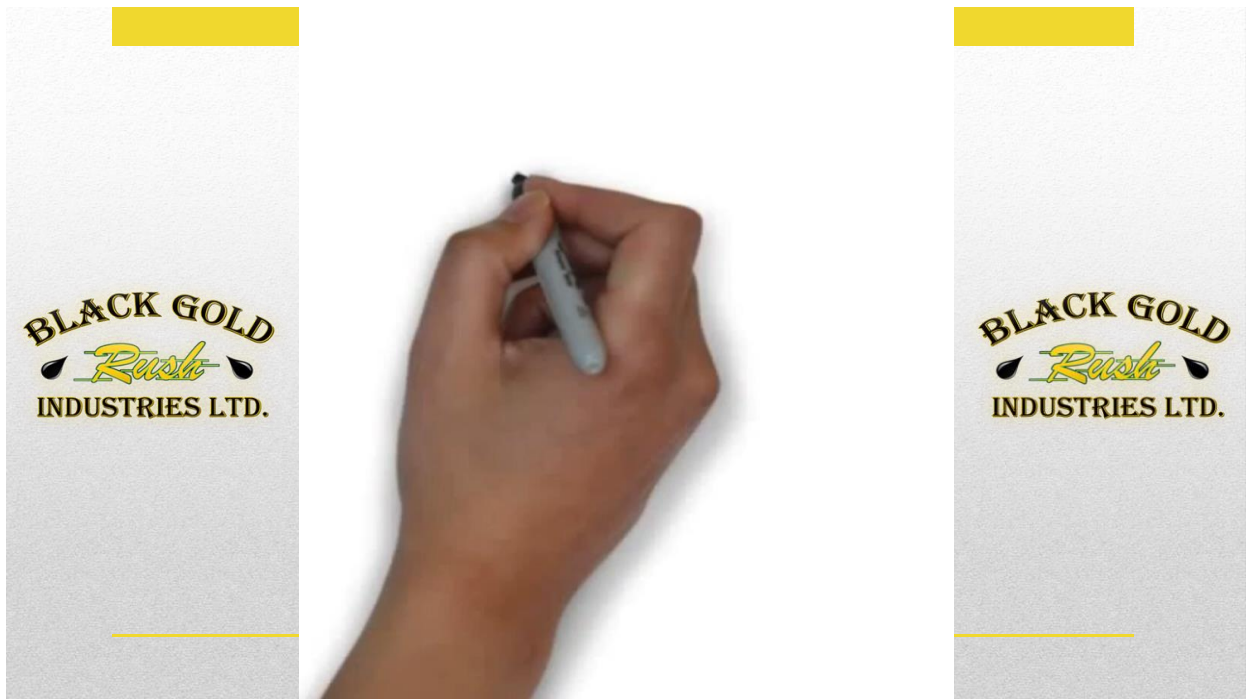
# Methane Reduction Technologies

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<https://youtu.be/WQLmlwfgKKs>

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# Why Are We Here

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

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## 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

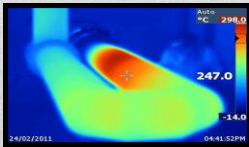


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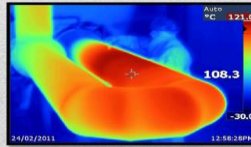


# Pre-Assembled Rush Burner Packages

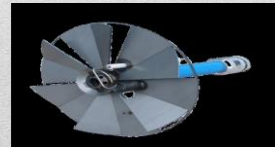
- All in one combustion solution for storage tank heaters, line heaters, de-hys and treaters.
- Greater than 80% efficiencies vs. typical burners 60%
- Utilize vent gas from site to heat process
- Reduces fuel gas usage by 25% (third party verified)
- Total hydrocarbon destruction of 98%
- Destroy harmful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



**Typical Burner**

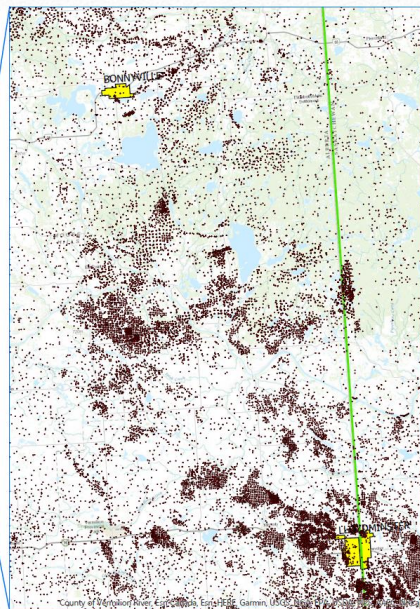
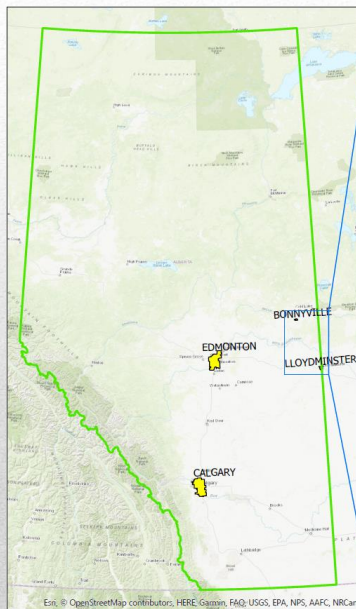


**ACL Burner**



**Patented High Efficiency Burner**

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# Measurability



(1) BGR 36 LP Combustor



365 Days



3,650 Cars Off The Road

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## 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

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**Thank you for the opportunity to present our  
*complete methane reduction technology!***

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**Questions?**

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