

Gas Recapture Systems Ltd

“Our world needs cleaner energy resources...like natural gas.

Yet each year enough natural gas to supply 1/3 of Europe’s consumption is burned or flared at oil fields across the globe...

generating some 400 million tons of greenhouse gas emissions”

Global Forum to Reduce Gas Flaring and Venting.

By

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Gas Recapture Systems Ltd



Flaring – The Nigerian case!



❖ **WB report – flaring represent an annual economic loss to the country of about US \$2.5 billion.**

❖ **WB – By 2002 flaring in the country had contributed more GHG to the Earth's atmosphere than all other sources in sub-Saharan Africa combined and yet this gas is not being used as a fuel.**

❖ **FOE – More gas is flared in Nigeria than anywhere else in the world despite regulations introduced more than 20 years ago to outlaw the practice, most associated gas is flared, causing respiratory illnesses, intense heat, local pollution and contributing to climate change.**



The Past: Propane Gas Flare Off from Oil Recovery at Night



The Future: Propane Gas Recovery From Oil To Propane Liquefaction Near 0 Emissions

Services Offered:

- ◆ Multi- Stage Ptank Separator
- ◆ Infrared Multi-Gas Analyzer Data Acquisition
- ◆ Propane Recapture Setup
- ◆ Propane liquefaction
- ◆ Propane shipping



A Heat Exchanger is a specialized device that assists transfer of heat from one fluid to the other



The Vented flash off from the propane holding tankers are recapture intentionally designed to be recirculate back upstream of heat exchanger for processing the vented flash off

GRS Waste LPG Recovery

Gathering Storage Tanks Alberta



Recapture Propane Gas Feed from
enchantment oil recovery for LPG-Reuse to Frac

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❖ **Several oil producing companies in Alberta and the USA have demonstrated that remarkable opportunities exist to utilize gas that is otherwise flared or vented.**

❖ **Typical gas utilization options include re-injection, gas-to-pipeline, gas-to-power, LNG, and GTL.**



Loading Recapture Propane from Enhancement Oil Recovery for LPG-Resale

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