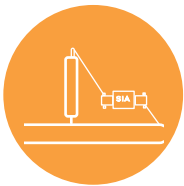




HPV Re-Injection

Eliminate Fugitive Emissions

Capture vented gas and re-inject into the gas line with SiA's patented High Point Vent Re-Injection System (HPVR).



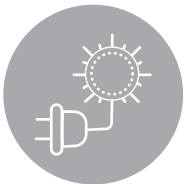
Gas Recovery

Prevent valuable gas from being lost through venting to atmosphere,



Net-Zero Targets

Pressure from shareholders and government to reduce fugitive emissions.



Remote Ready

Solar powered with remote monitoring and control.



Australian Made

Patented system, designed and manufactured in Australia.

30+ Years Oil & Gas Experience.

Specialising in chemical injection pump technology for the oil and gas industry, Solar Injection is a leading design and manufacturing business focused on delivering innovative, quality solutions.



sales@solarinjection.com.au
www.solarinjection.com.au



592 Tarragindi Rd, Salisbury,
QLD 4107 Australia

The Issue

The water lines that pipe water from CSG production to storage or treatment plants contain small amounts of gas. This gas collects in the highest points of the pipeline, which if not vented will impact the flow of water. Currently high point vents (HPV) are installed at these points to release the gas to atmosphere as fugitive emissions.

There is increasing pressure from government (NGER), shareholders and the general public to report on fugitive emissions; and to set and achieve low carbon emission targets. According to the CSIRO¹, fugitive emissions from oil and gas producers are estimated to account for about 6% of greenhouse gas emissions in Australia.

Additionally, by venting to atmosphere producers are losing a valuable commodity.

The Solution

High Point Vent Gas Re-Injection.

Achieve environmental and financial benefits by re-injecting the vented gas back into the gas line.

The SiA HPVR system overcomes the lack of power options available in remote locations by harnessing solar power and an ATEX certified electric motor to boost the pressure of the vented gas to a level that allows it to be re-injected into the gas line.

The HPVR system is unique, delivering the benefits of an electrically driven gas booster that can boost very low / atmospheric pressures to a point that allows for re-injection. Most gas boosters require higher pressures to enable boosting to occur and are either pneumatically driven or in the case of most electrically driven units, require 3-phase power.

Make the SiA HPVR an effective part of your Gas Gathering System.

CONTACT US TODAY TO FIND OUT MORE



Patent no. 2021104054



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¹CSIRO Report – 'Fugitive Emissions from Unconventional Gas – July 2019