



Flaring

August 2019

What is flaring?

Flaring is controlled burning of gas.

It is a safety mechanism, used to reduce excess pressure in central gas processing facilities (CGPF) and field compression facilities (FCF) during temporary shutdowns and maintenance, and in case of emergency.

Flaring is also used to dispose of gas during maintenance or appraisal activities when gas wells are not connected to gas gathering infrastructure.

Why do we flare?

Venting (releasing gas straight to the atmosphere) would achieve the same outcome. However, if flaring is technically feasible and safe, it is mandatory to flare the gas in accordance with the P&G Act. In accordance with the P&G Act, flaring is Arrow's preferred method of gas disposal. Flaring has nine times less greenhouse effect than venting.

What will I see?

Coal seam gas is >95% methane, with small amounts of nitrogen and carbon dioxide. Methane burns with a clean, non-smoky flame. This is different to flares seen at petroleum refineries.

The size, shape and brightness of a flare is influenced by environmental conditions and the amount of gas being flared. It is normal for a flare's appearance to vary according to conditions.

What will I hear?

Flare noise levels depend on gas volume, the flaring frequency and time of day.



Arrow's scheduled flaring will occur during day time hours, as much as possible.

How frequently?

The frequency and duration of flaring will be dictated by both scheduled and unscheduled events, such as necessary maintenance and excess pressure conditions. Larger releases will take place at a CGPF once every year for approximately two to three days. Smaller releases may take place every one to two months for less than two hours at a time.

Will I be notified?

Landholders near flaring locations will be notified before planned flaring events. Advanced notification may not be possible for unplanned flaring events.

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