

# Flare Be Gone: Cleaner, Leaner Operations

Application Sheet #68

## REAL TIME BENEFIT

85% reduction in  
flaring, improving both  
emissions and  
operational efficiency

### SITUATION

- A customer operating in the Permian Basin was experiencing hydrate formation, leading to compressor-related flaring events.
- The flaring resulted in process instability and contributed to increased emissions.

### SOLUTION

- Sirius installed 47 methanol injection systems, each equipped with 8 injection points using patented STACK™ Multipoint technology. This equates to a total of 376 injection points in 47 Fusion2™ pumps. Traditionally this would require 376 pump.
- The Sirius Fusion2™ controller with temperature zone control functionality enabled specific injection points to have different injection rates based on temperature.

### RESULTS

- The customer achieved an estimated 85% flare reduction, reflecting significant gains in operational efficiency and emissions reduction.
- Properly controlled methanol injection enhanced system reliability and reduced hydrate-related production disruptions.



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