

**AEREON**

CREATING A CLEANER PLANET

# CASE STUDY #170202

**INFERNO SERIES GAS-ASSIST  
TGA-642 X 30'**

## PROJECT DETAILS

Location:	Permian Basin
Flow Rate HP:	1.5 MMSCFD
HP 100% Smokeless up to:	750 MCFD
HP Inlet Pressure ( $\Delta P$ ):	1 psig
Flow Rate LP:	750 MSCFD
LP 100% Smokeless up to:	450 MCFD
LP Inlet Pressure ( $\Delta P$ ):	1 oz/in <sup>2</sup>
Heating Value:	2,600 BTU/SCF
Pilot:	Electronic Model 850
Solar Package	
Install Year:	2017



Aereon's Inferno Series flare is used here to burn off waste natural gas from a high-pressure separator and 6 storage tanks. HP assist gas is introduced via a circular gas-ring with nozzles located at the tip of the flare where it aggressively mixes with the waste LP/HP gases and ambient air, improving combustion and smokeless performance. A deflagration arrestor in the supply line prevents flame backflash. A solar kit provides power to the panel to eliminate the need for an external electricity source.

**AEREON Provides Cost Effective Dual  
Stream Emission Control Technology!**