WE'RE **SERIOUSLY SERIOUS** ABOUT AIR QUALITY

FLEXENERGY SOLUTIONS

WITH MINIMAL EMISSIONS – PRODUCERS CAN MAINTAIN FIELD POWER WITHOUT ENVIRONMENTAL IMPACT.

According to the Associated Press, on August 8, 2019, the Environmental Protection Agency announced plans to downgrade Denver, its surrounding counties, and other portions of northern Colorado from moderate to serious non-attainment categories of ozone levels. The impact of this downgrade may affect oil and gas sites situated in the affected areas. Under the serious non-attainment limits, a site requires a Federal Title V Major Source Permit if NOx or carbon monoxide (CO) emissions exceed 50 tons per year.

What are the emissions generated at an oil and gas site? For gas engines in the size class of 225-450 kW that typically power site equipment, the NOx and CO emission limits are 0.4 g/kW-hr and 3.5 g/kW-hr. To generate 333 kW of power the CO emissions would exceed 50 tons per year if just five gas engines are used to supply power to five or more adjacent oil wells. This would require the operator to obtain a Federal Title V permit.

Flex Energy Solutions offers a clean power alternative for producers in Colorado and other areas with serious non-attainment designation. The emissions from a GT333S Flex Turbine® are just one third of those from a gas engine running at 70% power and above. The GT333S design features an integrated load bank control to ensure emissions stay low, enabling producers to avoid permitting requirements for multiple wellheads on a contiguous site.

MORE THAN **30** MW OF POWER

ARE GENERATED BY FLEX TURBINES FOR OILFIELD OPERATIONS IN NORTH AMERICA WITH A TRACK RECORD OF OVER **3 MILLION** CONTINUOUS RUNTIME HOURS.

CLEAN, GREEN, RELIABLE POWER MACHINES

What emissions? No exhaust catalyst or chemicals are needed for Flex Turbine power. This not only eliminates emissions from diesel generators themselves, but also excludes emissions from fuel transport over longer distances.

Snare the flare. Clean-burning Flex Turbines reduce use of flare gas and tank vapors, complying with environmental regulations and state mandates for flare gas capture.