

# OPTIMIZE WELLSITE OPERATIONS

Enhance frac performance and improve ESG without adding CAPEX.

## At a glance

Combining PowerCELL and FuelCELL technologies can improve frac site efficiency by benchmarking, cost and emission reductions, while enhancing safety, streamlining operations and increasing efficiency.

## Key metrics

In less than one month, the PowerCELL and FuelCELL systems were able to provide significant savings in fuel, maintenance, and auxiliary equipment costs, while reducing excess emissions.



**1.5K**  
metric tons



**\$518K**  
3 pads

## CHALLENGES



In 2022 an E&P company in the Permian Basin contacted MGB to improve frac site efficiency and safety while lowering wellsite emissions. They noted:

- Unnecessary emissions of NOX, CO2, and Particulate Matter
- Excessive fuel consumption, averaging 17 – 19 gph/frac pump
- High maintenance cost per hour, > \$100 /operating hour average

## SOLUTIONS



By implementing the MGB PowerCELL and FuelCELL systems, the company not only achieved its objectives but also identified additional opportunities for savings in auxiliary equipment and improved personnel safety.



**Lower GHG Emissions**



**Lower Fuel Consumption**



**Higher Efficiency**

## BENEFITS



1

### Lower Emissions

FuelCELL benchmarks emissions to support ESG reporting and, combined with PowerCELL documents significant reductions in GHG emissions.

2

### Lower Fuel Consumption

PowerCELL enables fuel savings without fleet changes, while FuelCELL generates data on a per-frac spread or asset basis.

3

### Higher Site Efficiency

PowerCELL cuts down maintenance hours for essential equipment and minimizes reliance on auxiliary equipment like generators and tractors.



[sales@mgb-oilfield.com](mailto:sales@mgb-oilfield.com)



[www.mgb-oilfield.com](http://www.mgb-oilfield.com)



281-769-4244