Improving Lives Through
Affordable and Responsible Energy

Each year we set both safety and sustainability goals to keep us pushing towards a better outcome.

Environmental Actively C.A.R.E. Goals

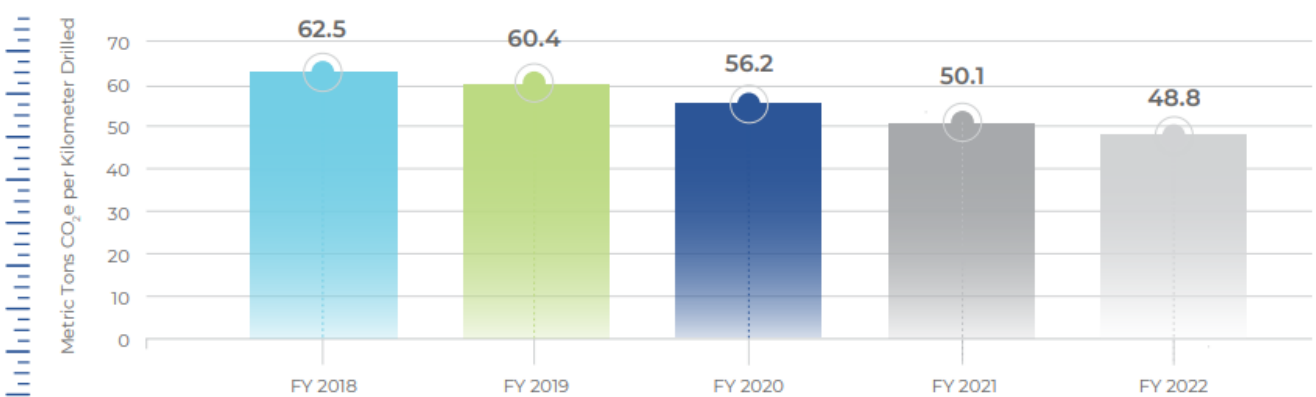
2023

- Reduce the amount of GHG Emissions per drilled distance by 1% with a reach goal of 2%
- Implement Driller's Select on 100 rigs
- Achieve 80% of active rigs running below 30% average excess engine hours
- Achieve a completion rate of 98% for assigned GHG emissions training
- Improve winterization emissions measurement capabilities and build winterization roadmaps
- Validate emissions and fuel data with empirical testing

2024

- Expand, evaluate, and implement the opportunity sets required to meet the 2030 GHG emissions goal
- Improve excess engine hour precision
- Maintain all 2023 rigs under 30% and increase targeted efforts for rigs operating above 50% excess engine hours.
- Reduce fleet vehicle idle times by 25%
- Reduce volume of spills per 1000ft drilled by 15%

NORTH AMERICA SOLUTIONS RIG ENGINES GHG EMISSIONS NORMALIZED BY DRILLING ACTIVITY



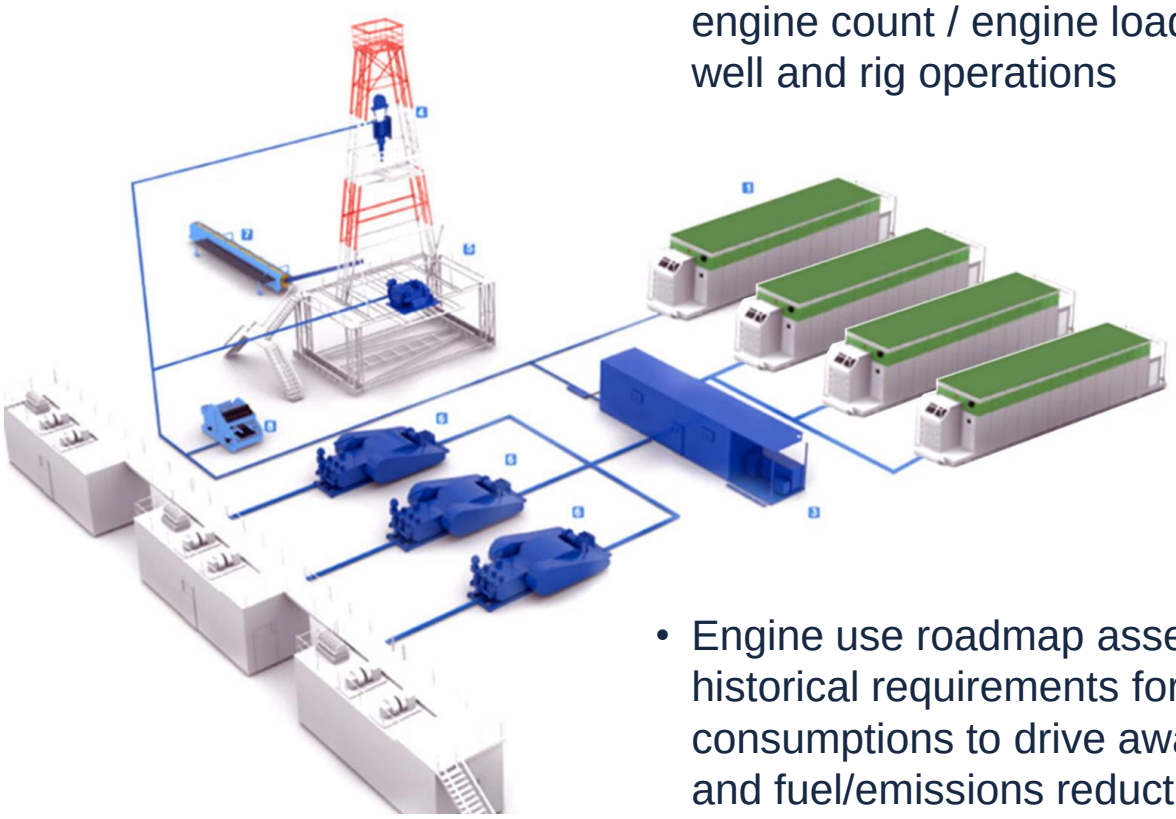
Engine Management Overview

Lower Emissions & Enhance Sustainability

How does it compare to energy storage?
- Lowest cost/benefit solution

Is this a universal solution?
- Applicable for all engine types
- Focused on people, processes and automation development
- The first step to more complex solutions

How big is the need for improved engine management?
- Start with a baseline and identify opportunities for improvement



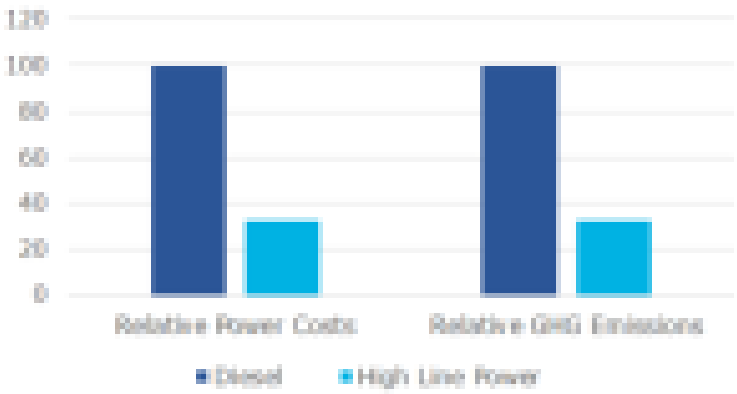
- Primary goal of safely optimizing engine count / engine load for well and rig operations

- Engine use roadmap assesses historical requirements for power consumptions to drive awareness and fuel/emissions reduction

Highline Power Experience Overview

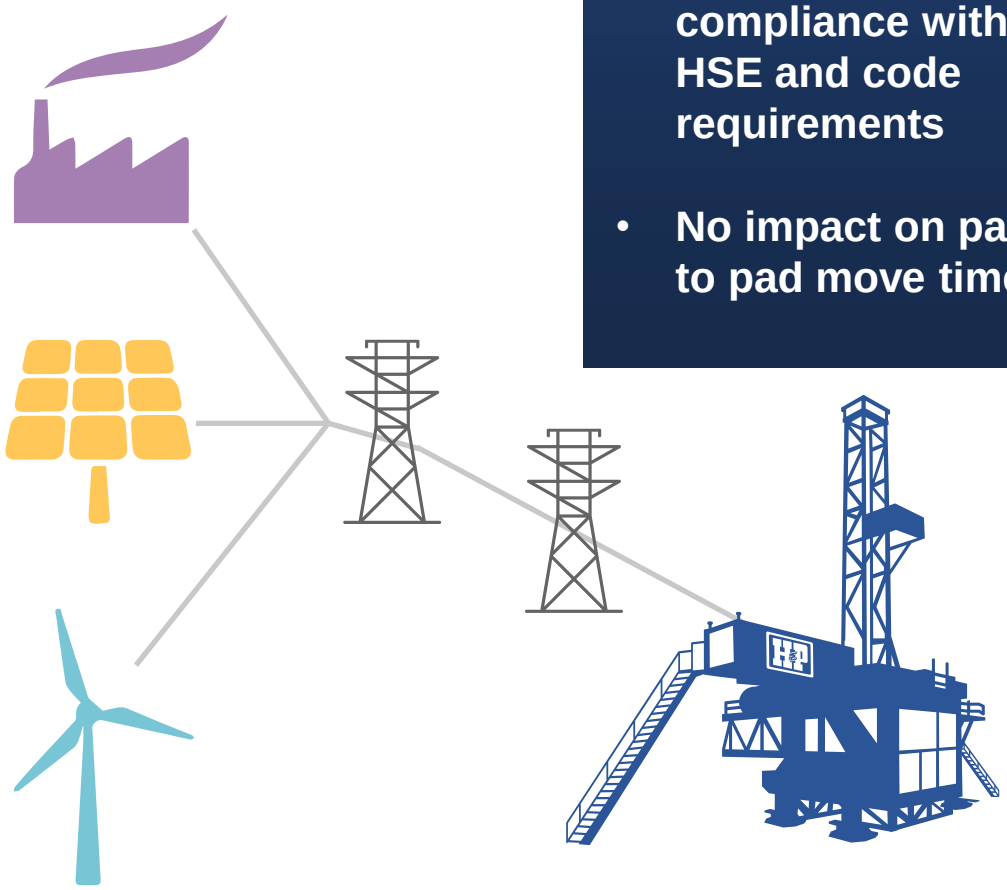
HIGH LINE RIG SITE IMPACT ESTIMATES*

(neglects cost of high line equipment)



1. Emissions and cost data limited to rig consumed power and excludes infrastructure costs
2. Cost and emissions savings will vary by region and well
3. Scope 1 emissions offset by lower Scope 2 emissions

- Nearly 20 years of experience drilling with highline power, over 1,000 executed wells
- Highline capable across the fleet
- High line design is compatible with utility voltages throughout U.S.
- High line design ensures full compliance with HSE and code requirements
- No impact on pad to pad move time



TECHNOLOGY

Well-to-Well Optimization

Performance Impacts Emissions

Fewer Days on Well

- Process Optimization
- Reduced Trips
- Reduced Cycle Time

Autodriller Pro Control System

Automated Geosteering

Automation Sequencer

AutoSlide® Technology

Bit Guidance System

Digital Roadmap℠ Technology

Advanced Well Engineering

FlexTorque® Technology

FlexB2D® 2.0 Technology

FlexOscillator® Technology

Engine Management

Formation Top Detection

Rig Floor Automation

Survey Management

88%

performance improvement

Since 2014 in the three largest U.S. Unconventional basins

Consistent & Efficient Well Delivery

Lower Emissions with Faster Drilling & Cut Trips Per Well

Autodriller Pro Case Study

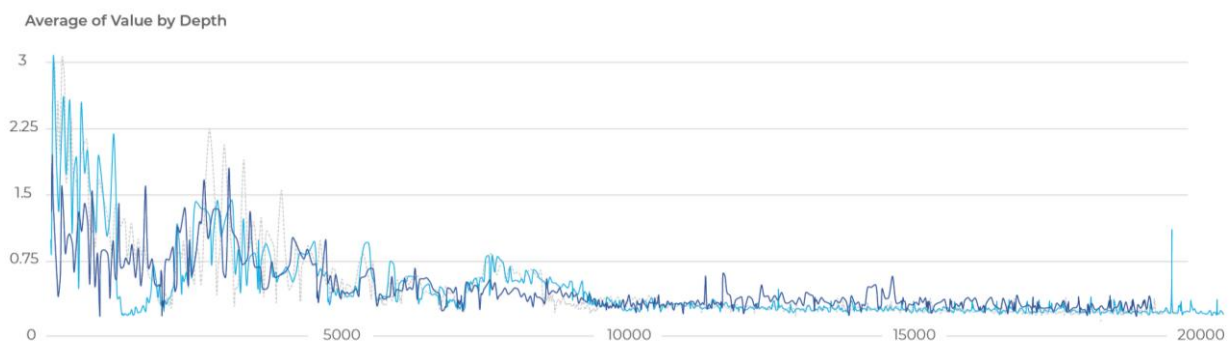
Increased ROP by 21% in the intermediate and 31% in the lateral

Reduced 16 hours in unplanned trip time

26% reduction in fuel and CO2 as a result of faster drilling and no unplanned trips

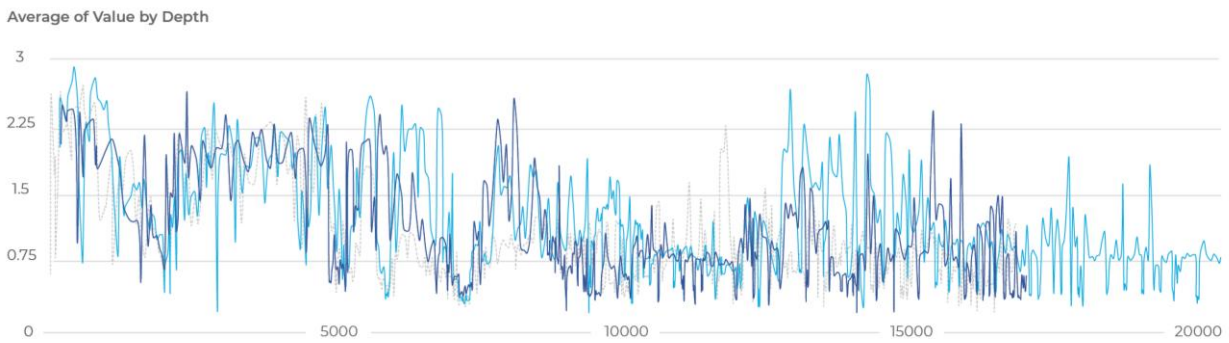
AUTODRILLER

KPI	Units	All	Intermediate	Build	Lateral
Rotary ROP	(ft/hr)		283.8	196.8	210.3
Drilling State - Rotary	(hr)	67.6	24.2	1.6	41.8
Total Time	(hr)	225.9	102.6	19.5	103.8
On-Bottom Time	(day)	4.5			



AUTODRILLER PRO

KPI	Units	All	Intermediate	Build	Lateral
Rotary ROP	(ft/hr)		343.6	290.2	275.9
Drilling State - Rotary	(hr)	51.0	17.7	0.8	32.5
Total Time	(hr)	165.4	71.1	15.3	79.0
On-Bottom Time	(day)	3.7			



PERFORMANCE IMPROVEMENT

KPI	Units	All	%	Intermediate	%	Build	%	Lateral	%
Rotary ROP	(ft/hr)			343.6	21%	290.2	47%	275.9	31%
Drilling State - Rotary	(hr)	51.0	25%	17.7	27%	0.8	48%	32.5	22%
Total Time	(hr)	165.4	27%	71.1	31%	15.3	21%	79.0	24%
On-Bottom Time	(day)	3.7	17%						
On-Bottom Time	(hr)	3.7							