



ACRONYM LISTING AND GLOSSARY

TERM

DEFINITION

ACG	Actively C.A.R.E. Goals
Actively C.A.R.E.	Actively Control and Remove Exposures
API	American Petroleum Institute
APS	Announced Pledges Scenario
Backoffs or Sidetracks	Occurs when the wellbore being drilled is off target or encounters unexpected geological formation and the drill bit is retracted to start an offset drill path
ВНА	Bottom-Hole Assembly
CEM	Crisis and Emergency Management
CEMP	Crisis and Emergency Management Plan
CIRT	Cybersecurity Incident and Response Team
CMT	Crisis Management Team
CO ₂ e	Carbon Dioxide Equivalent (includes all greenhouse gases listed calculated by utilizing equivalency factors as defined by the EPA)
CST	Corporate Support Team
Curve	The degree of which and the turn in the wellbore from vertical to lateral
DE&I	Diversity, Equity, and Inclusion
Driller's Select	Tool which allows our employees to remotely start and stop rig engines
E&P	Exploration & Production
EGS	Enhanced Geothermal Systems
EGT	Environmental Governance Team
ELT	Executive Leadership Team
EMS	Environmental Management System
ERG	Employee Resource Group
ERM	Enterprise Risk Management
ESG	Environmental, Social, and Governance
FTE	Full-Time Equivalent
GHG	Greenhouse Gas
GJ	Gigajoules
GRI	Global Reporting Initiative
HAZCOM	Hazard Communication
HAZWOPER	Hazardous Waste Operations and Emergency Response
Highline	efers to electrical power obtained from the installed electricity grip
Hitch	Period of work on a rig
HSE	Health, Safety, and Environmental
IEA	International Energy Agency
IADC	International Association of Drilling Contractors



TERM

DEFINITION

IMT	Incident Management Team
IPCC	Intergovernmental Panel on Climate Change
LifeBelt	Company's safety rules that highlight actions that individuals must take to protect themselves and others from serious injury or fatality
LTIR	Lost Time Incident Rate
NAS	North America Solutions
NGFS	Network for Greening the Financial System
NPT	Nonproductive Time
NZE	Net Zero Emissions by 2050 Scenario
Oil and Gas	Refers to crude oil and natural gas, collectively called hydrocarbons
OSHA	Occupational Safety and Health Administration
PJP	Pre-Job Planning
QMS	Quality Management System
Quantitative Scenario Analysis/QSA	Quantitative assessment of physical and climate related risks and opportunities under future state climate scenarios and the impact on a given business
R&R	Rewards & Recognition
ROP	Rate of Penetration
RSMT	Rig Safety Management Training
SASB	Sustainability Accounting Standards Board
SDS	Sustainable Development Scenario
SERTs	Site Emergency Response Teams
SIF	Serious Injury or Fatality
Slide	Drilling the curve of the well
SLT	Safety Leadership Team
SPCC Plans	Spill Prevention, Control and Countermeasure Plans
SSE	Short Service Employees
STEPS	Stated Policies Scenario
STI	Short-Term Incentives
TCFD	Taskforce on Climate-Related Financial Disclosures
TCO ₂ e	Total Carbon Dioxide Equivalent
Tortuosity	Measure of curving and bending in a wellbore
Trip or Tripping	The removal and re-insertion of several pieces of drill pipe into a wellbore while drilling a well
TRIR	Total Recordable Incident Rate
TVD	Total Vertical Depth
WE0	World Economic Outline
WHP-LA	Women of H&P - Latin America



GENERAL DATA

METRIC UNIT TIME PERIOD

GENERAL		FY 2020	FY 2021	FY 2022
Drilled Distance ¹	Kilometers	13,606	13,340	19,121
Total Employees ²	Number	3,890	5,932	7,955
Total Contract Employees ³	Number	434	328	544
Total Short-service Employees ⁴	Number	57	901	1,111
Number of Wells Drilled ⁵	Number	2,667	2,336	3,371
Total Hours Worked ⁶	Number	14,754,461	11,450,065	15,186,432
Revenue	Thousands USD	1,773,927	1,218,568	2,058,944
Amount of net revenue in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	USD	0	0	0

¹Drilled distance is calculated based on hole depth change in streaming rig data; The data reflect only North America Solutions ("NAS"); Note, NAS accounted for 87% of the total revenue in FY 2022.

ENVIRONMENTAL DATA

METRIC UNIT TIME PERIOD

GREENHOUSE GAS EMISSIONS ¹		FY 2020	FY 2021	FY 2022 ²
Total Scope 1 GHG Emissions	Thousands Metric Tons CO ₂ e	845	735	1,080
Total Scope 2 GHG Emissions ⁸	Thousands Metric Tons CO ₂ e	6.8	6.3	37.3
Total Scope 1 & 2 GHG Emissions	Thousands Metric Tons CO ₂ e	852	741	1,117
Y-o-Y Change Scope 1 GHG Emissions	Percentage (%)	-	-13.0%	46.8%
Y-o-Y Change Scope 2 GHG Emissions	Percentage (%)	-	-7.6%	496.7%
Y-o-Y Change Scope 1 & 2 GHG Emissions	Percentage (%)	-	-13.0%	50.6%
Total Scope 1 GHG Emissions Normalized by Drilling Activity ³	Metric tons CO ₂ e per Kilometer Drilled	62.1	55.1	56.5
Total Scope 1 & 2 GHG Emissions Normalized by Drilling Activity ³	Metric tons CO ₂ e per Kilometer Drilled	62.6	55.6	58.4
Y-o-Y Change Scope 1 GHG Emissions Normalized by Drilling Activity ³	Percentage (%)	-	-11.3%	2.4%
Y-o-Y Change Scope 1 &2 GHG Emissions Normalized by Drilling Activity ³	Percentage (%)	-	-11.2%	5.1%
Scope 1 Emissions intensity	TCO ₂ e/\$1K Revenue	0.48	0.60	0.52
Scope 1 Emissions intensity	TCO ₂ e/Employee	217	124	136
Scope 2 Emissions intensity	TCO ₂ e/\$1K in Revenue	0.004	0.005	0.018
Scope 2 Emissions intensity	TCO ₂ e/Employee	1.74	1.05	4.69
Scope 1+2 Emissions intensity	TCO ₂ e/\$1K in Revenue	0.48	0.61	0.54
Scope 1+2 Emissions intensity	TCO ₂ e/Employee	219	125	140

²2018 - 2021 as published in the corresponding year's proxy; 2022 employee data is as of 9/30/22 as published the 10K.

³Accounted for on 9/30 of each fiscal year; Includes employee type of consultant or contractor in Workday; Excludes temp agency worker.

⁴Field employees with service less than six months accounted for on 9/30 of each fiscal year.

⁵Number of wells drilled disclosed to represent SASB activity metric of 'Number of Active Rig Sites' (EM-SV-000.A).

⁶Represents total hours worked for all employees.



ENVIRONMENTAL DATA (CONTINUED)

METRIC UNIT TIME PERIOD

ENERGY CONSUMPTION 4		FY 2020	FY 2021	FY 2022 ²
Off-road Equipment Total Fuel Consumed	Gigajoules (GJ)	11,673,391	10,148,137	15,096,906
% of Total Fuel Consumed by Off-road Equipment	Percentage (%)	97.7%	97.6%	98.7%
% of Renewable Fuel Consumed by Off-road Equipment	Percentage (%)	0%	0%	0%
% Renewable of Total Fuel Consumed by Off-road Equipment	Percentage (%)	0%	0%	0%
On-road or Mobile Equipment Total Fuel Consumed	Gigajoules (GJ)	276,302	247,070	194,668
% of Total Fuel Consumed by On-road or Mobile Equipment	Percentage (%)	2.3%	2.4%	1.3%
% of Renewable Fuel Consumed by On-road or Mobile Equipment	Percentage (%)	5.5%	5.2%	6.3%
% Renewable of Total Fuel Consumed by On-road or Mobile Equipment	Percentage (%)	0.1%	0.1%	0.1%
Total Diesel Consumption	Gigajoules (GJ)	11,728,597	10,209,507	14,985,265
Total Gasoline Consumption	Gigajoules (GJ)	197,654	167,040	159,686
Total Ethanol Consumption	Gigajoules (GJ)	15,289	12,889	12,315
Total Natural Gas Consumption	Gigajoules (GJ)	24,611	27,352	150,204
Total Other Gas Consumption	Gigajoules (GJ)	168	109	2,878
Total Biomass Woodchip Consumption	Gigajoules (GJ)	31	26	34
Total Jet Fuel Consumption	Gigajoules (GJ)	7,984	5,661	9,785
Total Electricity Consumption	Gigajoules (GJ)	51,967	45,560	325,835
% Renewable of Total Fuel Consumed	Percentage (%)	0.1%	0.1%	0.1%
Total Fuel Consumption	Gigajoules (GJ)	11,949,692	10,395,207	15,291,574
Total Energy Consumption	Gigajoules (GJ)	12,026,301	10,468,145	15,646,001
Total Energy Consumption Normalized by Drilling Activity ³	Gigajoules (GJ) per Kilometer Drilled	884	785	818
Y-o-Y Change in Total Energy Consumption Normalized by Drilling Activity ³	Percentage (%)	-	-11.2%	4.3%
Percentage of engines in service that meet Tier 4 compliance for non-road diesel engine emissions	Percentage (%)	-	25%	25%



ENVIRONMENTAL DATA (CONTINUED)

METRIC UNIT TIME PERIOD

WATER		FY 2020	FY 2021	FY 2022
Percentage water recycled	Percentage (%)	0%	0%	0%
SPILLS				
Total Number of Spills ⁵	Number	-	2	3
Spill Incident Rate ⁶	(Incidents per 200,000 Hours Worked)	-	0.03	0.04
Volume of Spills	m³	-	2.6	2.6
BIODIVERSITY				
Average disturbed acreage per (1) oil and (2) gas well site 7	Number	0	0	0

Emissions measured, calculated, or estimated utilizing methods from the GHG Protocol Corporate Standard with emissions factors as defined by the EPA and other sources; Includes all emissions associated with H&P operations as listed by the operational control boundary definition; CO₂e includes all greenhouse gases listed calculated by utilzing equivalency factors as defined by the EPA; Rig engine CO₂e emissions calculated using Original Equipment Manufacturer (OEM) emissions specifications from engine load and/or amount of fuel consumed; Fleet vehicle emissions calculated from fuel purchase data and/or fuel economy estimates for mileage driven; Scope 1 emissions boundaries are as follows: Sources we own, rent for on-site sources, and /or control opertionally which are directly related to domestic and internal (land and offshore) drilling solutions; Customers may account for emissions listed as their own.

SOCIAL DATA

METRIC UNIT TIME PERIOD

HEALTH & SAFETY		FY 2020	FY 2021	FY 2022
SIF Potential	(Incidents per 200,000 hours worked)	1.17	1.10	1.22
SIF Mitigated	(Incidents per 200,000 hours worked)	0.46	0.52	0.47
SIF Actual	(Incidents per 200,000 hours worked)	0.03	0.00	0.01
Y-o-Y Change in SIF Actual Safety Incidents	(Incidents per 200,000 hours worked)	-	-100%	-
FTE Total Recordable Incident Rate (TRIR)	(Incidents per 200,000 hours worked)	1.10	1.50	2.16
Total Recordable Incidents	Number of Incidents	-	-	164
FTE Lost-Time Incident Rate (LTIR)	(Incidents per 200,000 hours worked)	0.22	0.61	0.57
Total Lost-Time Incidents	Number of Incidents	-	-	43
FTE Fatality rate	(Incidents per 200,000 hours worked)	0.00	0.00	0.01
Total Fatalities	Number of Incidents	-	-	1
FTE Near miss frequency rate (NMFR)	(Incidents per 200,000 hours worked)	3.36	2.76	2.58
FTE Total vehicle incident rate (TVIR)	(Incidents per 200,000 hours worked)	1.46	1.33	1.00
Percentage of all employees and contractors who are covered by internally audited health and safety management system	Percentage (%)	100%	100%	100%

² Includes incremental enhancements made to GHG emissions inventory which contains additions not present in previous year totals and improvements in calculation methodologies. Year over year changes may not represent direct inventory comparisons. For example, methodologies to account for rigs running on highline electrical power were implemented in FY2022 moving their emissions from Scope 1 to Scope 2 calculations in accordance with Scope definitions.

³ Distance drilled for NAS only; NAS revenue accounted for approximately 87% of the total in FY2022.

⁴ Energy consumption for electricity and fuels derived from same methods used to account for scope 1 and 2 GHG emissions; Total fuel consumption excludes fuel used in scope 2 emissions inventory.

⁵ Spills listed are those which H&P was required to report to the necessary government agencies in each state.

⁶ Reportable spill incidents per 200,000 hours worked.

⁷ As a contractor, H&P does not manage the disturbance of land associated with drilling an oil or gas well site.

⁸ Scope 2 emissions are calculated using both the location-based method and market-based method from the GHG Protocol Corporate Standard. Because the difference between LBM and MBM are insignificant, one value is reported.



SOCIAL DATA (CONTINUED)

METRIC UNIT TIME PERIOD

TRAINING & DEVELOPMENT		FY 2020	FY 2021	FY 2022
General Training				
New Employee Safety Training for Short Service (SSE) Employees	Hours	15	15	15
Driller 101 Training Participants	Number	105	278	454
Derrickman 101 Training Participants ¹³	Number	-	-	831
Motorman 101 Training Participants	Number	136	241	709
Well Control Certification Training ¹	Hours	24	24	24
Well Control Certification Participants ¹	Number	573	638	849
Coach Training Participants	Number	914	2,637	2,319
Change Champion Training	Hours	68	52	56
Change Champion Graduates	Number	68	76	62
HSE Recognition & Rewards Granted ²	Number	10,163	7,312	17,026
Environmental Training				
Average Employees in Attendance for Environmental and Emergency Response Trainings ³	Number	4,906	2,727	5,644
Safety Training				
Minimum Safety Training for Field Employees ⁴	Hours	26	26	26
Minimum Safety Training for Short Service Field Employees (SSE) 45	Hours	28	28	28
Ethics & Compliance Training				
Average Hours of Ethics & Compliance Training for FTE ⁶	Number	2.25	1.5	1
% of FTE Ethics & Compliance Training Compliance ⁷	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Anti-Corruption Training ⁷	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Trade Compliance Training ⁷	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Anti-Discrimination & Harassment Training ⁷	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Insider Trading 7	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Code of Conduct Training ⁷	Percentage (%)	100%	100%	100%
% of Required Employees who Complete Anti-Trust Training ⁷	Percentage (%)	N/A	N/A	100%
Cybersecurity Training				
Average Number of Employees who Completed the Annual IT Compliance Training Modules ⁸	Number	874	699	1504



SOCIAL DATA (CONTINUED)

TIME PERIOD METRIC UNIT **RETENTION & RECRUITMENT (DOMESTIC ONLY) FY 2020** FY 2021 **FY 2022** 3,034 **Total New Hires** Number 2,139 1,355 **Total New Hires** Percentage (%) of Workforce 55.0% 22.8% 38.1% **DIVERSITY & INCLUSION⁸** FY 2020 FY 2021 FY 2022 Gender Women Representation of Employees 10 5.4% Percentage (%) 6.2% 4.4% Men Representation of Employees 10 Percentage (%) 93.8% 94.3% 94.2% Not Disclosed (All Employees) 1.4% Percentage (%) Women Representation in Corporate Office 30.3% Percentage (%) 33.7% 31.1% 69.5% Men Representation in Corporate Office Percentage (%) 66.3% 68.9% Women Representation in Senior Management Positions 11 Percentage (%) 13.2% 19.6% 20.5% Men Representation in Senior Management Positions 11 80.4% 79.5% Percentage (%) 86.8% Women Representation in All Management Positions 11 Percentage (%) 6.3% 5.9% 5.7% Men Representation in All Management Positions 11 Percentage (%) 94.3% 93.7% 94.1% Race/Ethnicity Representation of all employees (%) Total U.S. Employees Represented by Minority Groups Percentage (%) 30.5% 33.6% 38.1% White Percentage (%) 69.5% 66.2% 59.7% Asian 1.0% 0.8% 0.6% Percentage (%) Hispanic/Latino Percentage (%) 20.5% 23.8% 26.2% Black or African American Percentage (%) 5.6% 5.4% 7.6% Other Ethnicities 12 3.5% 3.7% Percentage (%) 3.4% Not Disclosed 2.2% Percentage (%) Representation in field positions (%) Total Field Employees Represented by Minority Groups Percentage (%) 31.5% 35.2% 39.6% 58.1% White 68.4% 64.6% Percentage (%) Asian Percentage (%) 0.2% 0.1% 0.1% 28.1% Hispanic/Latino Percentage (%) 22.8% 26.4% Black or African American 5.9% 5.8% 8.1% Percentage (%) Other Ethnicities 12 Percentage (%) 2.7% 2.9% 3.3% Not Disclosed Percentage (%) 2.3%



SOCIAL DATA (CONTINUED)

METRIC UNIT TIME PERIOD

DIVERSITY & INCLUSION8		FY 2020	FY 2021	FY 2022
Race/Ethnicity				
Representation in corporate office (%)				
Total Corporate Office Employees Represented by Minority Groups	Percentage (%)	23.0%	22.3%	24.0%
White	Percentage (%)	76.9%	77.5%	75.0%
Asian	Percentage (%)	6.2%	5.7%	5.7%
Hispanic/Latino	Percentage (%)	5.2%	5.6%	7.2%
Black or African American	Percentage (%)	3.9%	3.1%	2.7%
Other Ethnicities ¹¹	Percentage (%)	7.7%	7.9%	8.3%
Not Disclosed	Percentage (%)	-	-	1.1%
Representation in senior management positions (%)				
Total Senior Management Employees Represented by Minority Groups	Percentage (%)	10.2%	12.5%	15.8%
White	Percentage (%)	89.8%	86.1%	80.7%
Asian	Percentage (%)	2.6%	1.9%	1.9%
Hispanic/Latino	Percentage (%)	0.0%	2.3%	5.4%
Black or African American	Percentage (%)	0.0%	0.0%	0.0%
Other Ethnicities ¹¹	Percentage (%)	7.7%	8.3%	8.5%
Not Disclosed	Percentage (%)	-	-	3.5%
Representation in all management positions (%)				
Total All Management Employees Represented by Minority Groups	Percentage (%)	21.1%	20.2%	20.5%
White	Percentage (%)	78.8%	79.4%	77.3%
Asian	Percentage (%)	0.6%	0.4%	0.3%
Hispanic/Latino	Percentage (%)	15.5%	13.8%	15.4%
Black or African American	Percentage (%)	2.1%	2.5%	1.9%
Other Ethnicities ¹²	Percentage (%)	2.9%	3.4%	2.9%
Not Disclosed	Percentage (%)	-	-	2.2%

¹ For rig managers and drillers required bi-yearly.

² All employees are eligible to receive HSE R&R awards and can be recognized multiple times in a year.

³ Average employee attendance is represented by average number trainings completed for HAZCOM, HAZWOPER, SPCC and Emergency Response Trainings.

⁴NAS and South America field employees only; Weekly Rig Management Safety Training (RSMT) provided for all field employees which includes various safety and development topics.

⁵ SSE defined as less than 6 months experience; Training includes RSMT and New Employee Safety Training.

 $^{^{\}rm 6}$ Training on odd ending years is typically digital and thus overall time is less than in-person.

⁷ Training for this topic was assigned to specific employees who work in positions that require it.

⁸ IT training completion represents the average number of training modules completed by selected employees across the required annual IT modules; The following breakdowns the module offering count by year - 2020: 12 modules; 2021: 12 modules; 2022: 12 modules.

⁹ Total U.S. workforce unless indicated otherwise.

¹⁰ Fiscal year 2021 does not add up to 100% because of non-response from employees.

¹¹ Management level definitions were standardized for 2020; Best equivalent positions including Director, Vice President and President were used for 2018-2019 data.

¹² Includes two or more races, American Indian or Alaska Native and Native Hawaiian or Pacific Islander.

¹³ New in FY2022.



GOVERNANCE DATA

METRIC UNIT TIME PERIOD

BOARD COMPOSITION		FY 2020 ²	FY 2021 ²	SEPT. 30, 2022 ²
Board of Directors average age	Number	64.6	65.1	65.8
Board of Directors average tenure	Number	13.1	12	13
Board of Director gender representation	Percentage (%)	18%	17%	17%
Board of Director diversity representation ¹	Percentage (%)	9%	17%	17%
# of independent Directors	Number	9	10	10

¹Based on ethnic and racial categories used in Institutional Shareholder Services' (ISS) database. See ISS Procedures and Policies (Non-Compensation), Frequently Asked Questions, updated April 21, 2021.

GOAL PERFORMANCE DATA

H&P GOALS	YEAR	METRIC	PROGRESS
2022 ACTIVELY C.A.R.E. Goal: Reduce the Amount of GHG Emissions per 1,000 Feet Drilled by 5%.	2022	GHG Emissions per 1,000 Feet Drilled	Ongoing Commitment
2022 Key Result: Reduce excess engine runtime per 1,000 feet drilled by 10%1	2022	Excess Rig Engine Runtime Reduction (%)	Complete and Continued 2023 Focus
2022 Key Result: Implement engine roadmaps and achieve 80% utilization on H&P Rigs	2022	New technologies implemented	Complete
2022 Key Result: Implement New Technology to Improve Rig Efficiency	2022	Not Quantified	Complete and Continued 2023 Focus
2022 Key Result: Achieve a completion rate of 100% for quarterly environmental	2022	Environmental trainings completion rate (%)	Partial and Continued 2023 Focus
2023 ACTIVELY C.A.R.E Goal: Reduce the amount of GHG emissions per drilled distance by a base of 1% with a stretch goal of 2%	2023	GHG emissions per drilled distance (%)	New Goal
2023 Key Result: Implement Driller's Select on 100 rigs	2023	Number of rigs with Driller's Select Implemented	New Goal
2023 Key Result: Achieve 80% of active rigs running below 30% average excess engine hours during fiscal Q2-Q4 ¹	2023	% of active rigs running below 30% average excess engine hours	New Goal
2023 Key Result: Achieve a completion rate of 98% for assigned GHG emissions training	2023	Completion rate (%) of assigned GHG emissions training	New Goal
2023 Key Result: Improve winterization emissions measurement capabilities and build winterization roadmaps	2023	Not quantified	New Goal
2023 Key Result: Validate emissions and fuel data with empirical testing by end of FY 2023	2023	Not quantified	New Goal

² Data based on figure as published in corresponding proxy. In some cases, the FY 2022 data will not be available until the 2023 proxy is published.



GOAL PERFORMANCE DATA (CONTINUED)

H&P GOALS	YEAR	METRIC	PROGRESS
2022 ACTIVELY C.A.R.E. Goal: Reduce Unmitigated SIF Incidents On Rigs Within The First 90 Days Of Being Recommissioned By 10%	2022	Unmitigated SIF Incidents On Rigs (%)	Complete
2022 ACTIVELY C.A.R.E. Goal: Reduce The Rate Of Unmitigated SIF Incidents Involving Tubular Handling By 10%	2022	Tubular Handling Rate Of Unmitigated SIF Incidents (%)	Partial and Continued 2023 Focus
2022 ACTIVELY C.A.R.E. Goal: Reduce The Rate Of Unmitigated SIF Incidents Involving Dropped Objects By 10%	2023	Dropped Object Rate Of Unmitigated SIF Incidents (%)	Partial and Continued 2023 Focus
2023 ACTIVELY C.A.R.E. Goal: Reduce Rate of Unmitigated SIF Incidents Involving LifeBelt Breakdown by 15%	2023	Unmitigated SIF Incidents Involving LifeBelt Breakdown (%)	New Goal
2023 Key Result: Provide training on H&P's lifebelts along with expectations for H&P personnel that have completed the training in the past to re-establish their knowledge of LifeBelts by February 1st, 2023	2023	Not quantified	New Goal
2023 Key Result: Provide rig crews with efficient and reliable Pre-Job Planning (PJP) tools by the end of Q2 2023.	2023	Not quantified	New Goal
2023 Key Result: Implement technology solutions to address Line of Fire, Dropped Object, and tubular Handling incidents by the end of Q4 of 2023.	2023	Not quantified	New Goal
2023 Key Result: Audit existing fall protection systems to identify opportunities to improve training, situational awareness, fall protection anchors and address situations in which 100% tie-off is not possible.	2023	Not quantified	New Goal

¹ Excess engine run time is defined as any time engines are running for more than two hours when fewer engines could run and not exceed 100% load.