



Hybrid Report

Blom Fiskeoppdrett AS
Kjeppevikholmen

Report period
06 Jun 2021 - 11 Jun 2021



Jun21

Highcharts.com

Summary



84%

Running on battery



16%

Running on generator



0h

System down time

The figures below show fuel consumption and CO2 emissions arising from power production. Reductions are calculated by comparing installed hybrid solution to a non-hybrid solution.



55%

Reduced fuel



820 L

Diesel fuel saved in period



671 L

Diesel fuel used in period



55%

Reduced CO2 emissions



2181 kg

Reduced CO2 emissions



1785 kg

CO2 emissions

Consumption



2684 kVAh

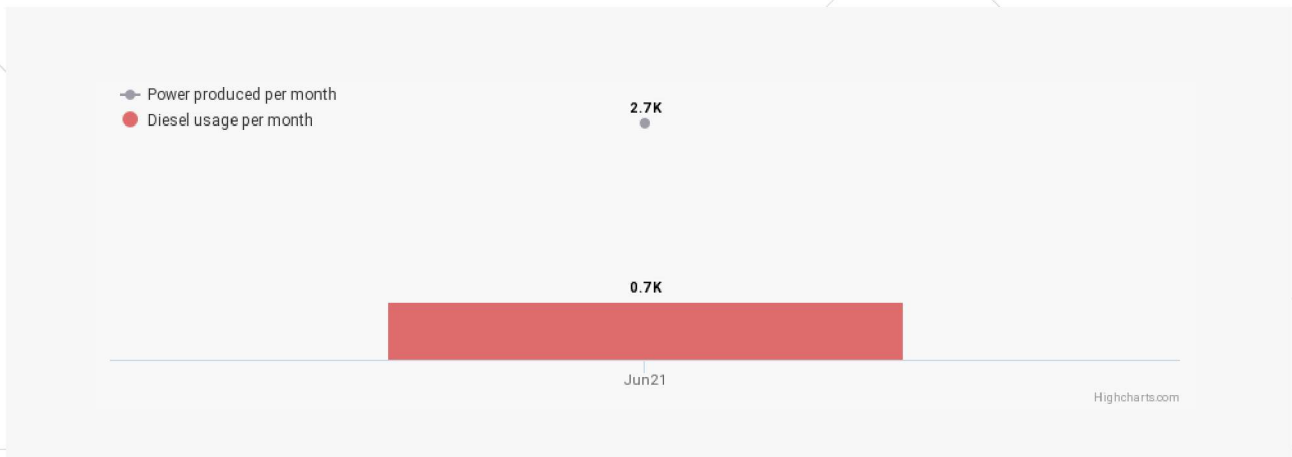
Power produced in period



671 L

Diesel fuel used in period

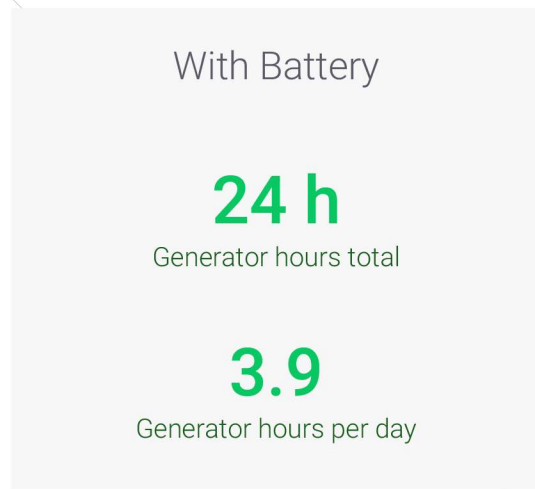
The chart below shows produced power and diesel usage on a month by month basis.



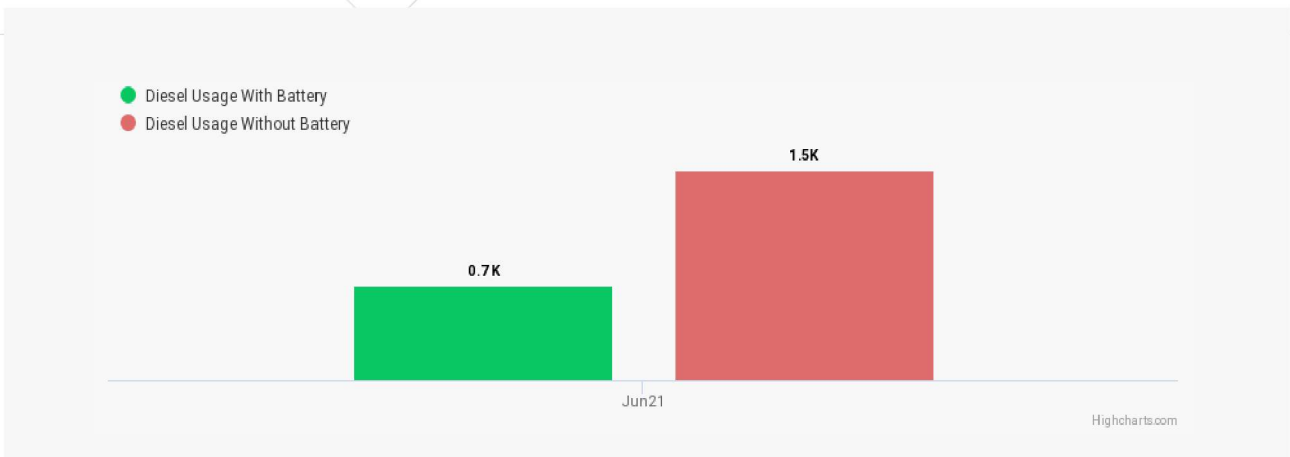
Reductions



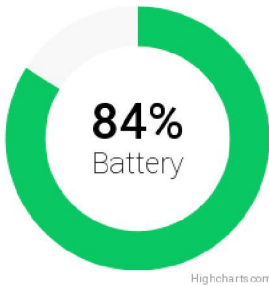
Scenario	Diesel usage	CO2 emission
Without Battery	1491 L	3966 kg
With Battery	671 L	1785 kg
Savings	820 L	2181 kg



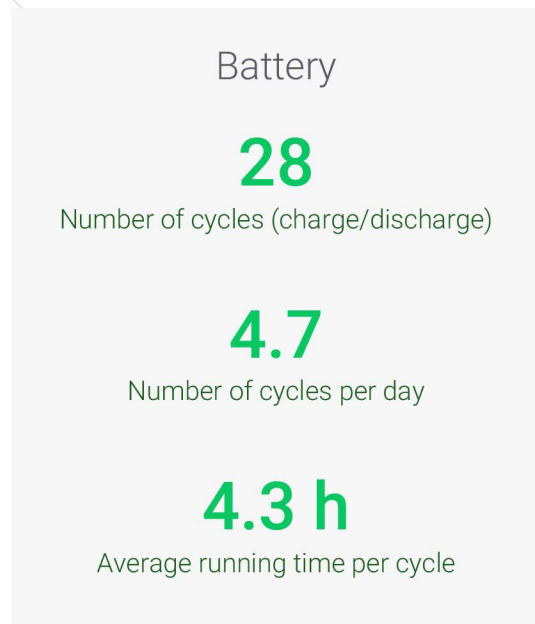
The chart below shows diesel usage with battery offloading versus constantly running generators at sub-optimal load.



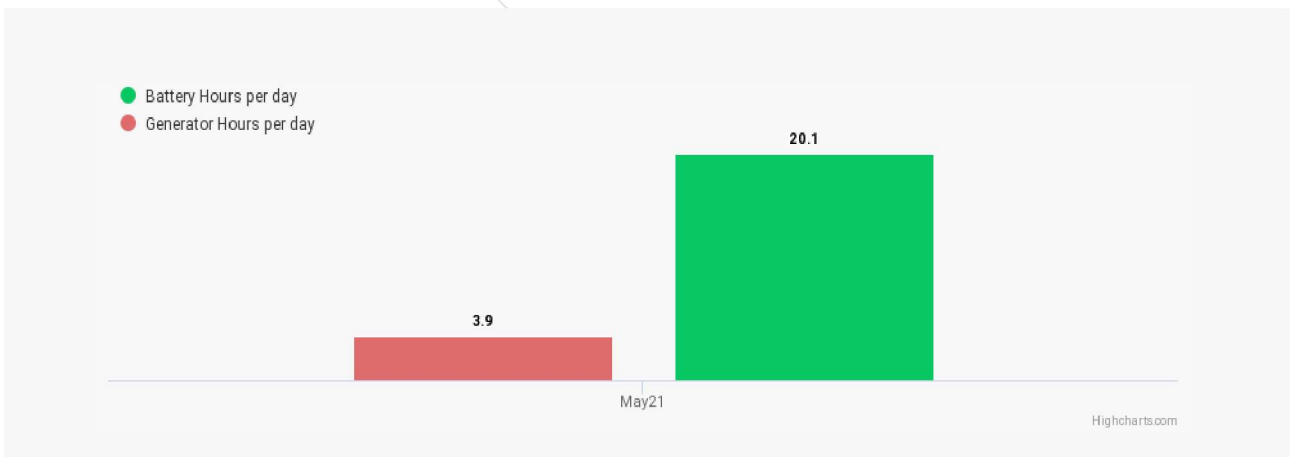
Operating time



Operating	Hours period	Hours per day	Share
Generator	24	3.9	16%
Battery	120	20.1	84%
Down-time	0	0	0%
Total	144	24	100%



The chart below shows daily running hours for both generators and battery. Fjord Hybrid considerably reduces time spent running on generators.



Service

✓ Completed services

2021-06-09 00:00:00	Device Status Summary	Genset1 Resolved Satte grense veridene til 46 og 54 Hz	Description Comments	ErrorDiscovery	Billable Hours Non-Billable Hours	0.5
2021-06-07 22:45:00	Device Status Summary	Hybrid Resolved Vurdere å justere grensenivåene på OnLoadFault, eventuelt utbedre Genset, slik at den leverer mer stabil spenning. 08.06.2021 Nok en tilsvarende hendelse 09.06.2021 - Sak avsluttes se ID1262	Description Comments	ErrorDiscovery	Billable Hours Non-Billable Hours	1

🕒 Scheduled maintenance

📄 Comments

