



# 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 CO<sub>2</sub> 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 CO<sub>2</sub> emissions



**2181 kg**

Reduced CO<sub>2</sub> emissions



**1785 kg**

CO<sub>2</sub> emissions

# Consumption



**2684 kVAh**

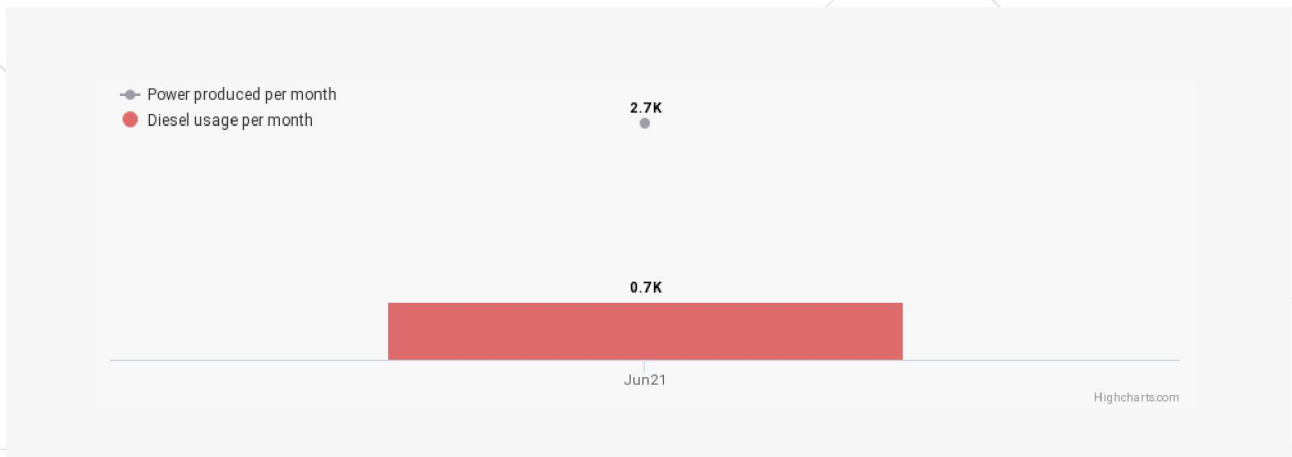
Power produced in period



**671 L**

Diesel fuel used in period

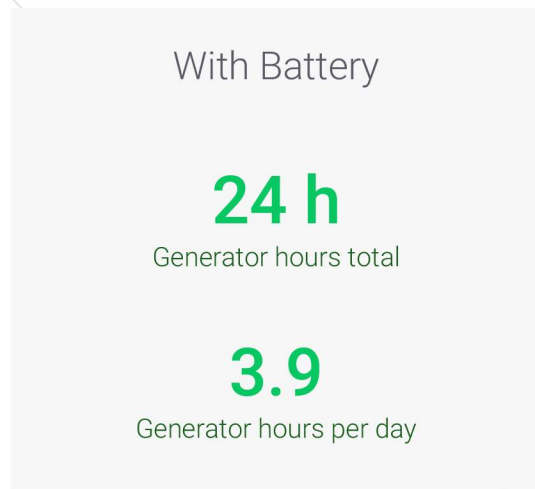
The chart below shows produced power and diesel usage on a month by month basis.



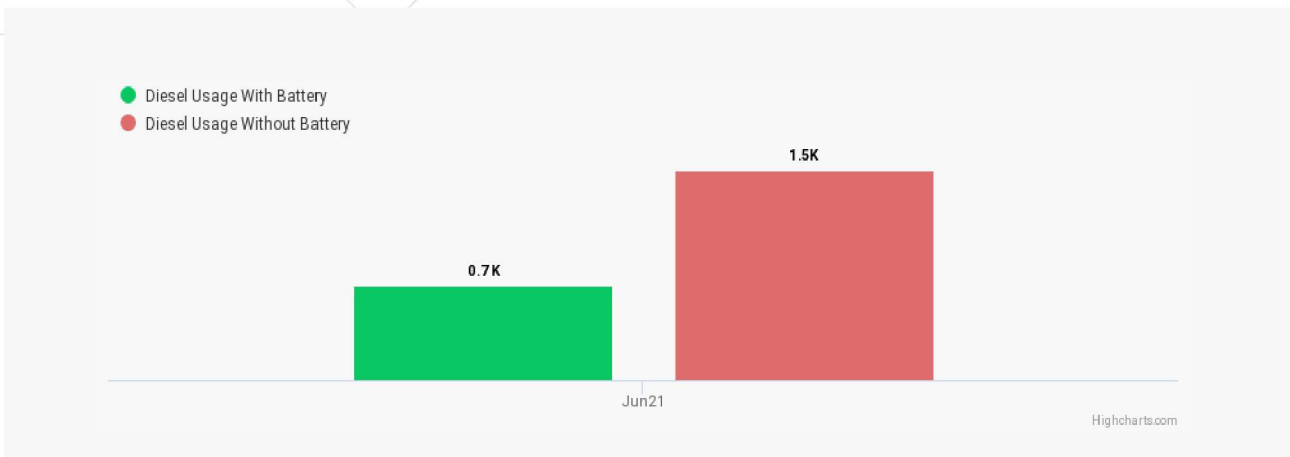
# Reductions



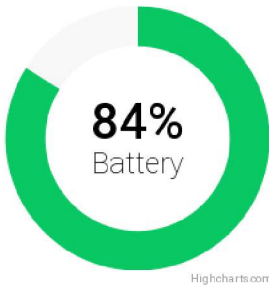
Scenario	Diesel usage	CO2 emission
Without Battery	1491 L	3966 kg
With Battery	671 L	1785 kg
<b>Savings</b>	<b>820 L</b>	<b>2181 kg</b>



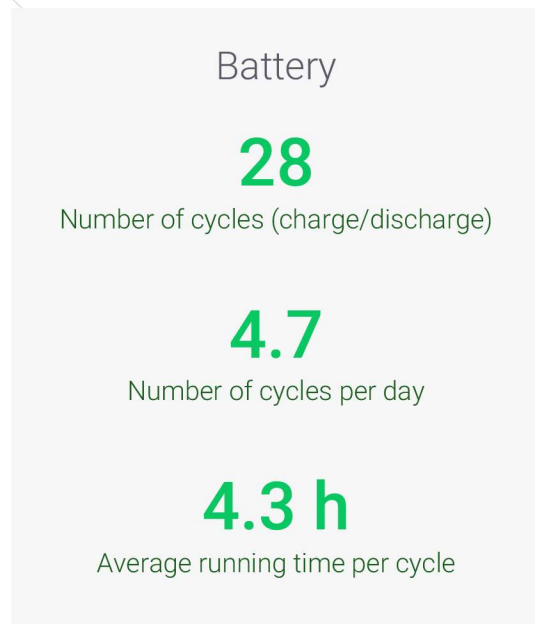
The chart below shows diesel usage with battery offloading versus constantly running generators at sub-optimal load.



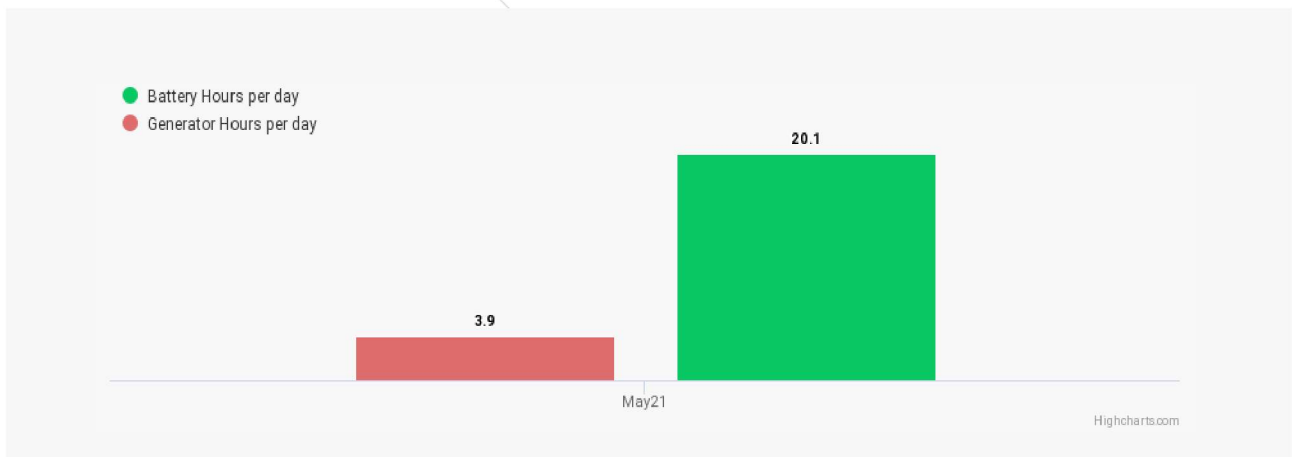
# Operating time



Operating	Hours period	Hours per day	Share
Generator	24	3.9	16%
<b>Battery</b>	<b>120</b>	<b>20.1</b>	<b>84%</b>
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

<b>2021-06-09 00:00:00</b>	Device Status Summary	<b>Genset1 Resolved</b> <b>Satte grense veridene til 46 og 54 Hz</b>	Description Comments	<b>ErrorDiscovery</b>	Billable Hours Non-Billable Hours	<b>0.5</b>
<b>2021-06-07 22:45:00</b>	Device Status Summary	<b>Hybrid Resolved</b> <b>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</b>	Description Comments	<b>ErrorDiscovery</b>	Billable Hours Non-Billable Hours	<b>1</b>

## 🕒 Scheduled maintenance

## 📄 Comments

