



BATTERY ENERGY STORAGE SYSTEM

FOR LOWER RIG OPERATING COSTS
AND A REDUCED CARBON FOOTPRINT.



PRODUCT DESCRIPTION

Drilling contractors are forced to deal with low oil prices, low rig day rates and increasing governmental regulations pushing towards a lower carbon footprint.

The cutting edge Bentec **Battery Energy Storage System (BESS)** enables drilling rigs to run either with fewer engines or with lower engine loads. This Hybrid Power Solution leads to significant engine runtime reductions and diesel savings which makes drilling rigs even more competitive and environmental friendly. Using the BESS technology has a direct positive impact to operating costs and safeguards the rig for increasing environmental regulation in future markets.

DO YOU WANT TO SAVE RIG OPERATING COSTS
AND REDUCE YOUR CARBON FOOTPRINT?

WE ENABLE YOU!

UNIQUE FEATURES

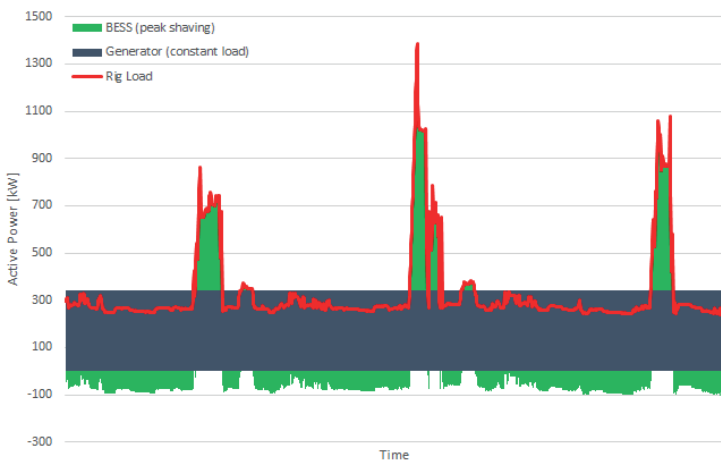
- Lithium Titanium Oxide Batteries (LTO) with fast 2C charging speed
- Designed for harshest on- and offshore environment
- Easy handling on rig moves due to containerized design
- Black start capable
- Remote access allows 24/7 support by Bentec service engineers
- Designed, developed and fabricated by Bentec

VALUE-ADDED BENEFITS

- \$ Less fuel consumption
- \$ Lower engine runtime reduces service intervals and spares
- \$ Extended meantime between maintenance
- 🌿 Reduction of CO₂ emissions
- 🌿 Lower rig noise emissions due to lower engine load
- 🌿 Reduction of NO_x emissions

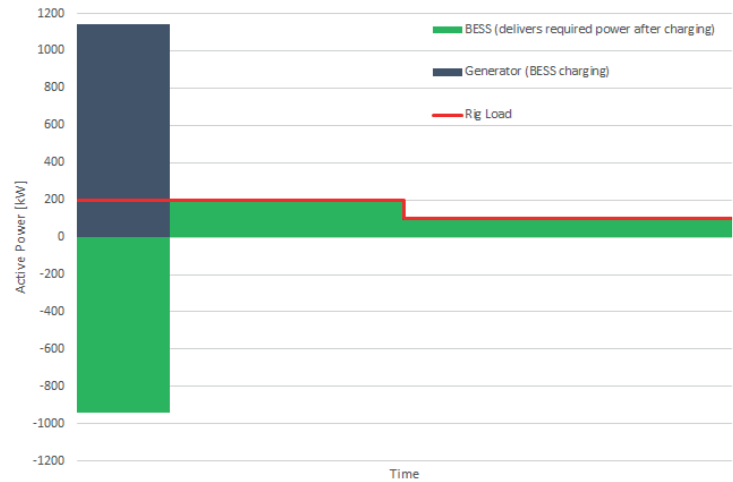
PEAK SHAVING

Peak loads during tripping or drilling are supplied by battery power



ZERO EMISSIONS STANDBY

Provides 100% rig power in stand-by mode



REDUCTION OF >8400ton CO₂ IN BESS' 20 YEARS LIFETIME :
FOUR DIESEL GENERATORS COMPARED TO THREE DIESEL GENERATORS + BESS:



> 1,000,000,000

SMARTPHONES
CHARGING
CYCLES



> 9,000,000

POUNDS OF
COAL
BURNED



> 20,000,000

MILES DRIVEN
BY AN AVERAGE
PASSENGER CAR