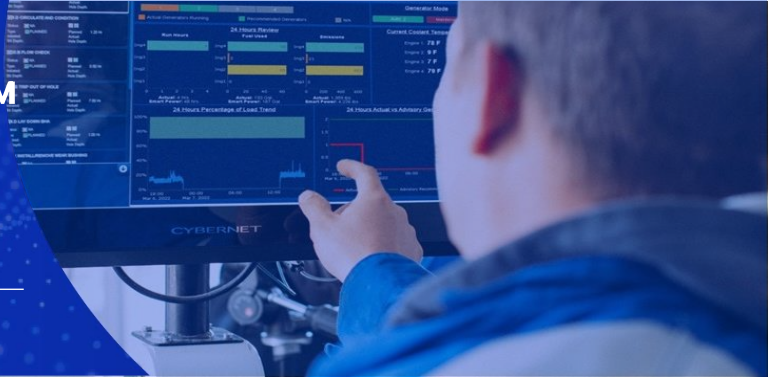




# SmartPOWER™

## Engine and Power Management



SmartPOWER advisory solution applies artificial intelligence (AI) to analyze live data from the electronic drilling recorder (EDR) and a proprietary engine de-rating module to learn the rigs power needs.

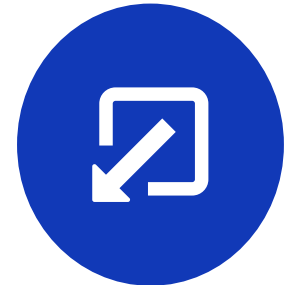
The system advises driller on the optimum number of engines to be run in real-time reducing fuel consumption, fuel emissions and ensuring optimum load on engines.

### KEY FEATURES

- 10-minute look predicting power requirements
- De-rating module assesses service life, altitude, coolant temperature, oil and filter conditions, and other factors of each engine to rate the available power capacity based on its specific conditions
- HMI dashboards include real-time engine, generator and SmartPOWER advisory along with past 24-hour engine and generator usage
- Fully automated option available by connecting to rig generator control system



**Decreased Fuel Consumption**



**Reduced Emissions**



**Improved Engine Maintenance**