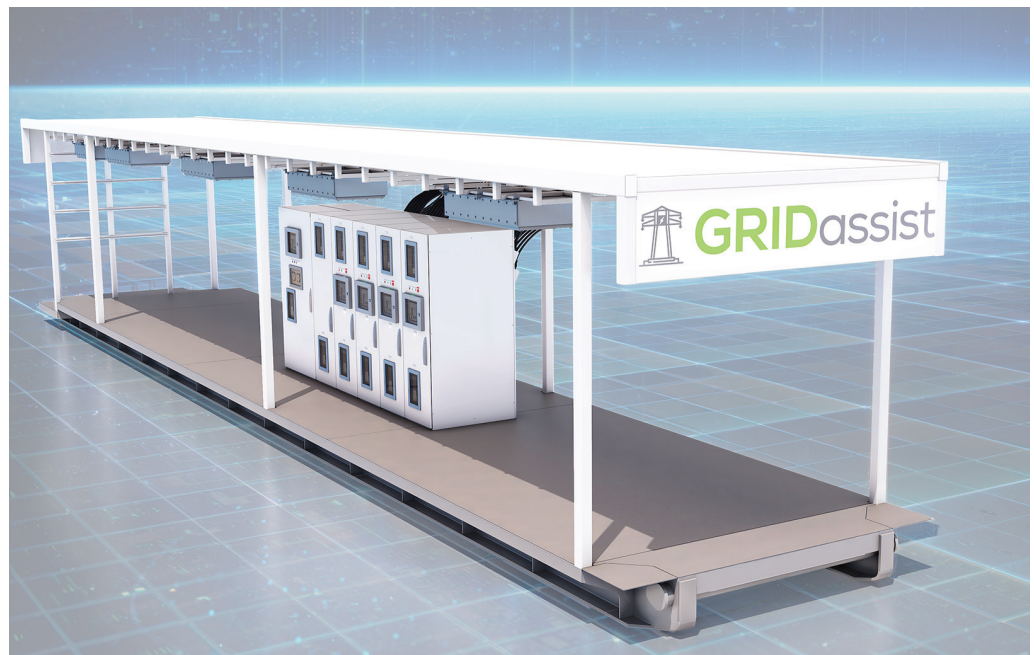




Expertise & Equipment to Utilize Utility Power

APPLICATION

GridAssist is our proprietary power solution designed to enable rigs to utilize utility power in locations where the available utility power is insufficient to support all rig operations. GridAssist will prioritize power consumption from the utility and support demand above the utility limit by leveraging battery energy storage, and additional generators if necessary. The operator can modify the utility import limit on each location as the utility requirements differ. Depending on the available utility power and power demand profile, GridAssist can drastically reduce generator runtime or completely eliminate the need for generators, resulting in significant reductions in fuel consumption and emissions.



FEATURES

- Enables rigs to continuously utilize the maximum available utility power in locations where limited power is available
- Significantly reduce fuel consumption and emissions
- Flexibility to seamlessly switch power sources during operations
- Blackout prevention feature mitigates issues if power sources trip offline

BENEFITS

- Fully integrated with rig control system; driller can easily change operating modes from driller's chair
- Automated control of starting and stopping of power sources
- Generator temperature and pressure monitoring and automated protections