

PIENAAR ENERGY (PTY) LTD

Energy storage well drilling machine control box



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Electrical Controls & Instrumentation

The system provides storage of electrical energy using state of the art Lithium Ion LTO Batteries to load balance the engine operation on drilling rigs (drawworks peak shaving) and to optimize the number ...

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Energy storage systems for drilling rigs

The article studies power operating modes of drilling rigs, provides general conclusions and detailed results for one of more than fifty pads. Based on the research, a generic architecture of ...



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Drilling Control Systems and Rig Automation

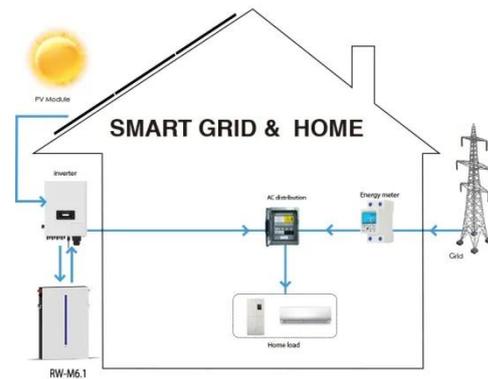
Our EWC electric well-control technologies are simplifying the system architecture, transitioning from maintenance-intensive 'stored energy' of ...

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(PDF) Energy storage systems for drilling rigs

The article outlines development of an electric energy storage system for drilling based on electric-chemical generators.

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Electric Well Control Technologies

Our EWC technologies reduces well construction time and total cost of ownership through improved system reliability.

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Drilling Control Systems and Rig Automation

Our machine control systems help prevent power blackouts, mitigate dropped pipe, and avoid tool collisions. We also offer a variety of single-tool interfaces, making our systems flexible enough to ...

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Drilling energy storage control system

This paper presents the development of a rule-based energy management



control strategy suitable for isolated diesel power-plants equipped with a battery energy storage system for peak load shaving.

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Q& A With SLB: Wired for Safety--Electric Well-Control Technologies

Our EWC electric well-control technologies are simplifying the system architecture, transitioning from maintenance-intensive 'stored energy' of hydraulics to reliable, energy-dense, ...

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Driller's Cabin

Integrated display and control of data for automated drilling rig equipment such as power catwalk, drill floor manipulator, power slips, iron roughneck, hydraulic cathead, and second-floor platform ...

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Offshore Drilling Systems , Rockwell Automation , US

To maximize uptime, offshore production and drilling operations require reliable

systems that run safely without interruption for as long as possible. We have the oil and gas control system portfolio and ...

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BATTERY ENERGY STORAGE SYSTEM

Our Battery Energy Storage System (BESS) will efficiently monitor load sharing between generators and controls continuous battery power, providing power during generator issues, resulting in the ...

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