



Naypyidaw energy storage for microgrids

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Adam Read, Head of Sales Middle East, recently shared insights into Aggreko's latest mid-size battery energy storage units and their significance for the oil and gas industry. These new units, with capacities of 250 kW/575 kWh and 500 kW/250 kWh, offer versatile applications and advanced features that set them apart from other solutions in the market.

Our new mid-size batteries complement our existing range of small and large BESS units already available in the Middle East," Read explained. The versatility of these batteries is clear, with their ability to support various applications, including peak shaving, spinning reserve displacement, Stage V load management, advanced microgrids, and power factor support, among others. "They can be integrated into power systems as a stand-alone product or as part of a hybrid system alongside our diesel or gas generators, solar/PV, or wind power generation solutions," he added.

One of the main challenges these units address in the oil and gas sector is increasing the efficiency and resilience of traditional diesel and gas island power supplies. "These units not only enhance the efficiency of traditional power setups but also improve power quality for critical loads," Read noted.

He emphasised the importance of minimising regulated emissions like NOx, CO, and PM, especially as the industry faces growing pressure to address its carbon footprint. "When used as part of a hybrid power system, these units enable the integration of renewable energy sources while ensuring uninterrupted power supply," he said, highlighting the industry's increasing focus on emissions reduction.



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