

Bangui battery performance

Durapower's BESS, a high-performance, liquid-cooled, lithium-ion based containerised BESS, was established at Banpu NEXT's Solar Hybrid Power Plant for self-consumption at an Indonesian mining site to meet operational demands. The systems are backed by stringent safety performance with multi-tier safeguards, and International Electrotechnical Commission ("IEC") and United Nations Economic Commission for Europe Regulation ("UN ECE") certified cells and modules.

A BESS integrated in a solar hybrid system is an effective opportunity for commercial and industrial operators to meet emission reduction and decarbonization targets. The BESS is the culmination of customisation expertise from Durapower's extensive electric vehicle and ESS experience, and regionalised supply chain access to help our customers meet their rigorous operational targets while optimising budgets and timelines.

Over the years, Banpu NEXT and Durapower have jointly expanded multiple aspects of their energy storage business. For example, lithium-ion batteries have been sourced from Durapower for solutions and energy services provided by Banpu NEXT, including MuvMi e-Tuk Tuk for Ride Sharing, electric cars for mobility sharing and e-Ferry services. To support inroads into the ESS market, the two companies also increased battery production capacity at their China manufacturing plant and established a new battery assembly plant in Thailand. Earlier this year, Banpu NEXT also increased its existing shareholding in Durapower to 65.10%, turning its status into Durapower's parent company.

We are pursuing opportunities to integrate Durapower's battery technology into our Smart Energy Solutions offering, such as EV fleets, smart microgrids, and battery farms. Furthermore, we will continue to scale up our Energy Storage business and offer closed-loop end-to-end battery solutions to our customers across the region." Mr. Sinon concluded.

Mr. Kelvin Lim, Group Chief Executive Officer of Durapower, said "Our expertise in the development of battery materials, design and manufacturing of battery systems as well as lithium-ion battery technologies will propel business expansion with Banpu NEXT. With a strong focus and attention on sustainable energy transition, we are extending our proven products and service offerings to commercial and industrial operators of renewable energy power plants across the Asia-Pacific region to help them meet their emission reduction and decarbonization targets. Durapower's BESS, designed with strong an engineering focus to achieve high power and high energy performance, has maintained a perfect safety track record over the past decade."

To find out more about Durapower's battery energy storage solutions and related technologies, please visit Durapower's Booth MC21, Hall 3 at Future Mobility Asia 2023 which takes place from 17 to 19 May 2023 at the Queen Sirikit National Convention Center in Bangkok.



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#BanpuNEXT #TotalSmartEnergySolutions #EnergyStorageBusiness

For more information, visit , , or

About Durapower Group ()

Banpu NEXT, a subsidiary of Banpu PCL and a leading Net Zero Solutions provider in Asia-Pacific, together with Durapower*, a global leader in...

In a landmark collaboration, Singapore Battery manufacturer Durapower Holdings Pte Ltd (Durapower) and leading Australia Zero-Emission Bus...

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