Energy storage solutions kinshasa =

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Victron Energy organise un atelier les21 et 22 mars2024 à Kinshasa(RDC). Au cours de cet évènement destiné aux professionnels du solaire, nous aborderons les sujets suivants :- Présentation de la gamme et des nouveautés- Démonstration des produits et configurations- Atelier pratique de connexion et paramétrage des produits- Support et questions techniques

Energy storage is essential for a sustainable energy future: It helps balance short-term fluctuations, provides operating reserves, and maintains grid stability. Additionally, it supports long-term storage and overall grid functionality.

At Ayesa, we use our deep knowledge of transmission, distribution networks, and energy storage solutions to guide clients in developing large-scale energy storage projects. Our approach covers all aspects--technical, financial, economic, and commercial--ensuring effective opportunity evaluation and risk management.

Our team of specialists, skilled in distribution grid electrical engineering, power electronics, controls, system commercialisation, and energy economics, leads our energy storage and demand-side management projects. We combine extensive engineering experience in the renewable sector with advanced AI technologies for storage operations, covering the entire project value chain. We have successfully implemented technologies for over 300 MWh of storage.

Battery Energy Storage Systems (BESS): Rechargeable batteries that store energy from variable sources and discharge it as needed to balance the electrical grid, provide backup power, and enhance grid stability. Ayesa has delivered circa 20 projects with BESS solutions around the world.

Pumped Hydro Energy Storage (PHES): A well-established method where water is pumped to a higher elevation during low-demand periods and released to generate electricity during peak demand. Its potential is growing as countries seek to improve energy resilience and maximize renewable energy use.

Thermal Storage: This category includes technologies like salt thermal storage and Concentrated Solar Power (CSP), which store energy in thermal form for later use.

GridPilot: (EU Funded Project) An aggregation platform designed to monitor and operate distributed energy resources, including electromobility. Developed with open principles and cloud-agnostic microservices, GridPilot offers high scalability, flexibility and interoperability

Ayesa brings over 12 years of expertise in developing and managing technology for electric vehicle (EV) charging stations and electromobility services. We"re currently collaborating with Enel on developing a new

platform to enhance EV charging infrastructure.

Transform your energy strategy with Ayesa"s cutting-edge storage solutions. Whether aiming to balance your grid, maximize financial returns, or enhance system reliability, our innovative technologies will open new opportunities. Contact us to learn more.

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