PDEOZE PowerContainer

Guinea-Bissau behind-the-meter energy storage device manufacturer

Overview

The electric power industry is experiencing a paradigm shift towards a carbon-free smart system boosted by rising energy demand, depreciation of long-lived physical assets, as well as global environmental.

Why are energy storage systems important?

Energy storage systems (ESSs) can help make the most of the opportunities and mitigate the potential challenges. Hence, the installed capacity of ESSs is rapidly increasing, both in front-of-the-meter and behind-the-meter (BTM), accelerated by recent deep reductions in ESS costs.

How are energy storage devices classified?

Overall, ESSs may be classified into three groups based on their power rating (P) [9, 10]; small-scale energy storage devices: P < 5 MW.

What is a small-scale energy storage device?

small-scale energy storage devices: P < 5 MW. Small-scale ESSs are routinely installed in customers’ premises, known as behind-the-meter (BTM) ESSs, typically up to 5 kW/13.5 kWh for residential customers and up to 5 MW/10 MWh for commercial and industrial units [11, 12].

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