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Motaz Dawabsheh, a programme analyst at UNDP/PAPP, has 15 years of experience in development. Motaz also has an MA in sustainable development and institution building.

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In a recent chat with pv magazine, Yasser Zaidan, senior sales manager for the Middle East at JinkoSolar, described the trajectory of the large-scale storage business in the main markets of the Middle East.

Saudi Arabia''s large scale energy storage market is expected to developed at an unprecedented pace in the years to come, according to Yasser Zaidan, senior sales manager for the Middle East at JinkoSolar.

"Storage is a must there, it's not something luxury. And this also applies to many other countries in the Middle East region," he added. "It must also be considered that electricity grids in many countries need to be strengthened and storage may help reduce costs, while also ensuring safe power supply."

Zaidan said he sees potential for battery deployment in the commercial and industrial (C&I) business, although low power prices in several Middle East and North Africa (MENA) countries are still a hurdle.

"The Iraqi market has a huge potential for ESS due to the lack of grid infrastructure and high dependency on private conventional energy generation, which is mainly represented by diesel generators," he said. "For Egypt, we have seen a demand in the agriculture market due lack of gridsupply for rural farms, where DC pumping solutions have been used for years, but still pumping hours need to be extended through installing ESS in these rural farms."

Zaidan said that Jordan, the United Arab Emirates, and Palestine are adapting energy storage solutions to solve infrastructure challenges such as peak and demand and frequency regulations for both C&I and the utility

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scale. He said energy storage installation regulations will likely be released in Jordan within the next few months.

"Battery prices are on a downward trend," he stated. "This makes them more attractive, although the market still needs a push to thrive, especially in terms of regulations and public support. This segment, however, is definitely set for more growth in the next years."

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Web: https://hollanddutchtours.nl/contact-us/ Email: energystorage2000@gmail.com WhatsApp: 8613816583346

