



Off-grid energy storage bahrain

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Batelco, a leading telecom company in Bahrain, has introduced the region's first off-grid mobile site powered completely by renewable energy. This new development, part of Batelco's push for sustainability, shows how green technology can work in the telecom sector while solving the need for reliable connections in remote areas.

The mobile site doesn't rely on regular power sources. Instead, it uses a mix of solar and wind energy to run. This not only ensures a steady power supply but also cuts down on the environmental harm caused by traditional energy. Batelco expects this off-grid solution to reduce its carbon emissions by 280 tonnes every year and save about 400 megawatt-hours (MWh) of energy at each site. Plus, it eliminates noise pollution, making it a good fit for both city and rural areas.

Rashed Mohamed, Batelco's Chief Technology Officer, shared his excitement about the project, calling it a big step forward for the telecom industry. Traditionally, telecom companies have used fossil fuels, which lead to high emissions and environmental harm. By switching to renewable energy, Batelco is setting an example for greener operations in the sector. Mohamed also highlighted how this move benefits the environment, improves efficiency, and supports global sustainability goals.

If more telecom companies adopt similar renewable energy solutions, we could see big changes across the region. Batelco's success could inspire others to follow, blending sustainability with better service delivery.

The project also supports Bahrain's national goals to diversify energy sources and promote sustainable practices in various industries. The government has been pushing for investments in renewable energy as part of its vision for a greener economy. Batelco's effort shows how private companies can work hand-in-hand with public policies to achieve these goals.

In summary, Batelco's launch of the region's first off-grid renewable energy mobile site is a major milestone in bringing sustainability into telecom operations. By using solar and wind power, the company is cutting its carbon footprint and improving connectivity in remote places. This project sets a strong example for other telecom companies and shows how technology can support the environment and economic growth at the same time. As more companies adopt similar practices, the telecom industry could see big, positive changes that pave the way for a more sustainable future.

If you have an experience or insight to share or have learned something from a conference or seminar, your peers and colleagues on Energy Central want to hear about it. It's also easy to share a link to an article you've liked or an industry resource that you think would be helpful.

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