# How about lithium battery technology not changing Tunisia

Is Tunisia suffering from a serious electricity crisis?
Belhassan Chiboub,the director-general of electricity and energy transition at Tunisia's Ministry of Industry,Energy and Mines,explained that the electricity sector in Tunisia is suffering from a serious crisis,commenting that the electricity deficit was around 59 per cent in 2019.

What are Tunisia's major energy projects?
Another notable project,the TuNur,filed with the Tunisian Ministry of Energy in 2017 and still under construction,aims to create a thermodynamic solar power plant in the Tunisian desert - particularly in the southern region of Kébili - and a consequent cable connection for the export of energy to Europe.

How much electricity does Tunisia produce?
Tunisia's national electricity grid,with a total power production of 20,086 gigawatt-hours,is well developed and connects almost the entire population. The State power utility company (STEG) controls 91.7 per cent of the installed power production capacity and produces 84 per cent of the electricity in the country.

What does the new energy package mean for Tunisia?
The new package proposed in January 2023 by Naila Nouira,the Tunisian minister of Industry,Mines and Energy,aimed at accelerating the rate for the implementation of renewable energy projects.

How can Tunisia reduce its dependence on fossil fuels?
The scheme aims to reduce the dependence on fossil fuels and overcome structural challenges. Tunisia recently launched a call for a bid on renewable energy projectsto produce 1,700 megawatts (MW) nationally by 2025,including the Hecha and Khobna photovoltaic plants and eight solar projects of 100 MW each.

Do batteries need more attention in 2023?
If the energy storage industry has learned anything from 2023,then it is that battery safety requires more attention. Numerous incidents in 2023 show that keeping batteries safe is not as easy as it may seem in the beginning. Batteries are complex electrochemical systems. They require safety measures beyond regulatory compliance.

While new developments in "traditional" Li-ion battery technologies are important and necessary, some changemakers are thinking outside the box for completely different ways ...

Now the deal has been finalised, Monbat plans to double production in Tunisia to one million starter batteries annually -- boosting exports, which it said in turn should ...

In fact, the study suggests that Tunisia should include more renewable sources into its energy mix, by

efficiently exploiting its potential of solar and wind energy. This strategy ...

This partnership is mutually beneficial since it will allow ASSAD to diversify its products and integrate batteries based on new technologies, such as Lithium. It will also enable it to...

The battery"s design addresses a range of needs. While its energy density is slightly lower than lithium-ion batteries, its adaptability shines. A 20-foot container of Alsym batteries stores 1.7 megawatt-hours of electricity and supports fast charging within four hours. It can also discharge power over durations ranging from two to 110 hours ...

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May 20, 2021: Bulgarian lead-acid and lithium battery maker Monbat on May 12 agreed a deal to buy 60% of the Tunisian battery firm Nour for EUR10.3 million ($12.6 million). The transaction, to ...

Now the deal has been finalised, Monbat plans to double production in Tunisia to one million starter batteries annually -- boosting exports, which it said in turn should "effectively mitigate" the risks of increased costs from volatile electricity and natural gas prices in the European markets.

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