



Energy storage companies south ossetia

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The Catalan Energy Cluster is a non-profit organization made up of more than 200 ...

The PomegaCenter is a one-stop-shop for up to 6 GWh of IRA domestic content compliant energy storage technology manufactured in South Carolina, coming in 2024.

LFP cells, modules, and turnkey battery energy storage systems currently manufactured at our factory in Ankara, Turkey.

We're partnering with leading research institutions in SouthCarolina to continuously develop powerful, efficient, and safe energy storage technologies.

Pomega Energy Storage Technologies, a subsidiary of Kontrolmatik Technologies, hosted a groundbreaking ceremony for its first U.S. lithium-ion battery manufacturing plant in South Carolina.

As construction of its lithium-ion battery factory in Ankara nears completion, Kontrolmatik Technologies announced in December its plan to build a 500,000-square-foot facility in Colleton County that is expected to begin production in mid-2024, create about 575 new jobs and have an initial production capacity of 3 gigawatt-hours (GWh). The company plans to later increase capacity to 6 GWh and has secured land to expand operations. The company will invest \$300 million in upfront capital expenditures in the new facility.

Pomega will manufacture lithium iron phosphate cells designed exclusively for North American grid-scale energy storage applications. In addition to manufacturing the battery cells at the South Carolina plant, Pomega will also manufacture and assemble turnkey battery energy storage systems (BESS), including modules, cabinets and final containerized energy storage solutions.

"With exponentially growing demand in lithium ion battery cells and integrated systems against the lack of availability of reliable domestic supply in the market and strong reliance of foreign supplies, especially from China, it was inevitable to plan an expansion of our investments and operations in Turkey to the United States to offer reliable American made lithium ion battery cell manufacturing capacity to the market as a remedy to major supply chain problems," said, Bahadir Yetki, CEO-USA, Kontrolmatik Technologies And Pomega Energy Storage Technologies

When production begins at the company's South Carolina plant, Pomega will be one of the first and only U.S. manufacturers of lithium-ion batteries dedicated exclusively to the domestic utility-scale energy storage market, as opposed to the electric vehicle market where the vast majority of new investments are currently



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focused. This will place Pomega at the forefront of the energy storage revolution, allowing it not only to vertically integrate its own supply chain for BESS, but also to supply other domestic BESS integrators with these crucial lithium-ion batteries. To this end, the company has already begun signing offtake agreements for its future capacity.

"Our facility will not only contribute to a greener future by manufacturing cells and modules essential for storing renewable energy and make net zero targets achievable but will have a green building character equipped with solar panels, rainwater collection and exhaust heat recovery systems as well," added Yetki.

The Governor of South Carolina, the Honorable Henry McMaster, was the guest of honor at the ceremony. Governor McMaster has previously highlighted the importance of the clean energy revolution to South Carolina's growth and prosperity, and Pomega's plant exemplifies such an opportunity.

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