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GaN and the challenge of renewable energy storage: A small change that can revolutionize the industry

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With increasing interest in renewable energy from both businesses and consumers, the industry is faced with design challenges around critical energy storage systems (ESS.) Without storage, energy cannot be distributed on demand. The engineering design of today's solutions must evolve to produce products that are simpler, more efficient, and smaller in size. The greater durability, reliability, and decrease in watts lost in conversion presents an opportunity to revolutionize this industry – and even have a transformative impact on the world. Gallium Nitride (GaN) power transistors will play a central role in this revolution by enabling the creation of smaller, lighter, lower cost, and more efficient power systems that are free from the limitations imposed by yesterday's silicon-based solutions.

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