

Nanotech Energy, Inc. Reveals Plans for New £1bn UK Gigafactory

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US battery manufacturer Nanotech Energy, Inc. has revealed it is investigating seven sites in the UK as the final location for a potential £1bn new Gigafactory.

The final decision, which will be made based on a combination of technical aspects and strategic alignments with OEM partners, could see the [UK](#) become a second home for the production of [Nanotech Energy](#)'s patented, high-performing, non-flammable graphene-powered lithium-ion batteries.

If the project is given the go-ahead, it will complement Nanotech Energy's 517-acre manufacturing facility in Storey County, Nevada, where the first building is due to open in Q4 2022 and full battery production will begin in 2024.

Dr. Jack Kavanaugh, chairman, CEO and co-founder of Nanotech Energy, said: "Battery storage is finally set to fulfil its potential. After more than seven years of R&D, Nanotech Energy's non-flammable lithium-ion batteries are among the safest and most environmentally friendly options on the market. They also offer significantly better recharge speeds and greater storage capacities than traditional batteries, and moving into a new phase of production at our proposed £1bn Gigafactory will dramatically accelerate the advance of the [UK](#)'s EV sector."

The batteries produced by Nanotech Energy have the capacity to revolutionise the performance of consumer electronics, electric vehicles, marine equipment, power walls, energy storage, and military hardware.

Mauran Kumar, Director of Marketing at Nanotech Energy, said: "The [UK](#) needs to significantly grow its battery production capacity to meet the huge forecast demand, and

Nanotech Energy is well positioned to help address that demand with the safest chemistry in the battery market."

Nanotech Energy's batteries are safer and higher performing than traditional lithium-ion batteries and battery packs. They feature a competitive energy density and cycle life, and can operate between -40°C and +60°C (which is superior to traditional lithium-ion and emerging solid-state batteries).

By using electrodes based on graphene, and then enhancing them with a proprietary non-flammable electrolyte, Nanotech Energy's batteries provide the ultimate solution in safety and performance.

Read the [original article](#) on PR Newswire.