AMTE Power and Britishvolt sign MoU for UK’s landmark battery Giga Factory

London, 20.05.20: AMTE Power and Britishvolt are pleased to announce plans to investigate collaborating to build the UK’s first full cycle battery cell GigaPlant, servicing the automotive and energy storage markets. Both parties have signed a memorandum of understanding (MoU) focussed on each other’s complementary ambitions to create and expand an onshore manufacturing supply chain. The successful outcome of the collaboration would enable scalable production of a diverse product portfolio of lithium ion batteries to support the country’s Road to Zero targets and unprecedented transition to electrification.

Kevin Brundish, CEO at AMTE Power comments: “We are delighted to be working with Britishvolt exploring the creation of a large scale manufacturing facility in the UK, and thank APC for introducing us. The recent global crisis has further highlighted the importance of having a robust onshore supply chain, and the creation of a GigaPlant would place the UK in a strong position to service automotive and energy storage markets. The scalable production of lithium ion cells is key to electrifying vehicles and would drive new manufacturing revenues and new employment, and can be built on AMTE’s focus on the supply of specialised cells, thereby continuing the country’s tradition of excellence in battery cell innovation.”

Lars Carlstrom, CEO at Britishvolt, comments: “Aligning our objectives with AMTE Power, who are looking to add to their current manufacturing capabilities in the UK, our ambition is to build a 30+ gigawatt hour factory with the support of the British Government, creating up to 4,000 jobs in the process. Meeting Road to Zero targets and moving the UK into a low carbon economy will necessitate the unprecedented electrification of vehicles, and reliance on renewable energy will require extensive battery storage. It is costly and carbon-intensive to have lithium ion batteries imported from the Far East, and this GigaPlant would cement a solid onshore supply chain to ensure quality and eliminate future uncertainty of supply.”

Ian Constance, CEO of APC, comments “Positive changes in consumer perception leading to increased demand and technological advances in battery innovation make for a healthy electric vehicle landscape. The UK is a highly credible location for green growth investment. It has a rich and diverse supply chain, a rapidly decarbonising energy supply and an innovation culture, and government support through a strong industrial strategy. As the pace and scale of change accelerates towards new net zero targets the UK is in a prime position to design, develop, manufacture and export high value battery technologies. It is a positive testament that AMTE power and Britishvolt recognise the full potential of the UK and have identified it as a priority for their battery industrialisation explorations.”

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About AMTE Power

AMTE Power have developed a range of next generation products, including a new range of cells aimed to provide EV manufacturers with a secure supply chain and enhanced performance unavailable from existing large-scale overseas providers. AMTE’s battery production facility in Thurso, Scotland, is the largest full cycle cell manufacturing plant in the UK, supplying products into specialised markets. AMTE power has designed a large-scale 1-5 GWh/annum production facility, which is scheduled to be online in 2023.

About Britishvolt

Britishvolt has identified the United Kingdom as the potential location for its first GigaPlant. The United Kingdom is the most vibrant and progressive country for industry investments. It is where both history and the future combine to create a new era. Britishvolt is dedicated to supporting sustainable energy storage by producing high performance lithium ion batteries. Our aim is to establish the United Kingdom as the leading force in battery technology with a target product launch date of 2023. The Britishvolt GigaPlant will be situated in 80+ hectares of green industrial park, with a production capacity of up to 35 GWh. Britishvolt will be a global leader in producing high performance green lithium ion batteries. It will become one of the largest industrial investments in British history.

About APC

The Advanced Propulsion Centre (APC) accelerates the industrialisation of technologies which will help to realise net-zero emission vehicles. It is at the heart of the UK government’s commitment to end the country’s contribution to global warming by 2050.

Since its foundation in 2013, APC has funded over 110 low-carbon projects, involving more than 290 partners. The technologies developed in these projects are projected to save over 179 million tonnes of CO2, the equivalent of removing the lifetime emissions from 6.5 million cars.

APC projects have helped generate economic benefits too. Companies involved have seen turnover increases of 14–17%, with new jobs increasing by 8–10%. Together these have generated a 17% Gross Value Added uplift.

With its deep sector expertise and cutting-edge knowledge of new propulsion technologies, APC’s role in building and advising project consortia helps projects start more quickly and deliver more value. In the longer term, its work to drive innovation and encourage collaboration is building the foundations for a successful UK industry.