



News Release

GE and Arenko to Build One of the World's Largest Energy Storage Facilities in the UK

- *Arenko has selected GE to deliver a 41MW battery energy storage system capable of responding quicker and more effectively than traditional energy technologies to meet real time demand of consumers*
- *The new energy storage system will supply on demand power to approximately 100,000 UK homes and contribute to reducing energy bills for UK households and businesses*
- *This critical energy infrastructure will provide improved energy efficiency to the local community and the UK grid as a whole*
- *The system will help manage increasing renewable energy production and meet consumers' changing energy demands as well as help create a more secure energy network into the future*

London, UK – February 5, 2018: GE (NYSE: GE) and Arenko Group (Arenko) are delighted to announce a strategic alliance to build grid scale energy storage systems in the UK.

The companies will seek to leverage the advantages of combining GE's battery technology solution, power electronics and advanced controls with Arenko's leadership in operating batteries in the UK market and proprietary energy trading software platform.

Arenko has invested in a 41MW battery energy storage system supplied by GE, who is providing a fully integrated battery storage solution. The project is one of the largest in the UK and globally with the ability to provide affordable, on-demand power to the equivalent of approximately 100,000 UK homes.

This battery storage system is sited at a key strategic location in the Midlands and will commence operations in 2018. Once operational it will integrate GE and Arenko's advanced control technologies and will be commercially operated through Arenko's software to digitally deploy energy and access multiple services and system needs. The battery system's reliability and performance will be underpinned and protected by GE's long-term support.

The project will relieve pressure on the UK energy system and provide flexibility at times when it is most needed to deliver a more balanced, secure energy system and contribute to reducing the cost of energy to the UK consumer. The focus is on building long term commercial sustainable battery storage systems, which are not reliant on subsidies and incentives.

Changing consumer demands, increasing adoption of renewable energy and security of supply are driving the need for innovative energy networks to deliver a more efficient power system. As traditional centralised generation comes under increasing pressure, energy storage projects such as those announced by Arenko and GE today, will be crucial to maximise generation capacity, ensure efficient energy utilisation and improve the operational efficiency of the grid.

Mirko Molinari, Global Commercial & Marketing Executive, Energy Storage at GE Power commented: "Energy storage will help balance supply and demand close to real time, avoiding frequency drifts and supporting the mid-term response to grid imbalances. The flexibility it offers smooths the fluctuating nature of renewable energy, provides quick reserves when needed, stores excess energy generation and much more. Energy storage will enable a more efficient system for a more reliable supply of electricity to consumers.



“Arenko are pioneers in the commercialisation of energy storage systems: this collaboration cements two years of working together towards the shared vision of creating a battery storage solution which addresses the ever-changing needs of a modern energy system.”

Rupert Newland, Chief Executive, Arenko Group commented: “Arenko’s new battery system will provide much needed flexibility to the UK grid, reducing waste and helping to make energy bills cheaper for households and businesses. This project is very significant in addressing the UK’s long-term energy security concerns, enabling the transition to a low carbon energy future.

“As a leading owner and operator of grid scale battery systems in the UK, we are delighted to have established this strategic alliance with GE to deliver large scale battery energy storage projects. We share the same focus and commitment to the sector and we have been very impressed by GE’s world class technology and project delivery of energy storage systems across the globe.

“This is a demonstration of Arenko’s strategy to partner with top tier corporates to make a major, positive and sustainable impact on the energy sector. We are focussed on addressing this complex but exciting commercial opportunity and helping to build the future of the UK’s energy system.”

GE has invested in Grid Scale Battery Storage technology since 2010. Arenko was established in 2014 to provide large scale energy storage solutions and selected GE, who has a strong reputation of reliability from a repeatable and well referenced design. This first project with Arenko will be GE’s 19th and largest grid scale commercial Battery Energy Storage Solution worldwide.

-ends-

Notes to Editor

About GE:

GE (NYSE: [GE](#)) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. www.ge.com

About GE Power:

GE Power is a world energy leader that provides technology, solutions and services across the entire energy value chain from the point of generation to consumption. We are transforming the electricity industry by uniting all the resources and scale of the world's first Digital Industrial company. Our customers operate in more than 150 countries, and together we power more than a third of the world to illuminate cities, build economies and connect the world. For more information, visit the company's website at www.gepower.com. Follow GE Power on Twitter [@GE_Power](#) and on [LinkedIn](#) at GE Power.

About Arenko:

Arenko are a leading owner and operator of flexible energy storage systems. As an owner we develop, build and maintain a portfolio of grid scale batteries to address key infrastructure vulnerabilities and create a long term, sustainable and reliable asset base for our customers and shareholders. As an operator we leverage our expertise, innovative approach and proprietary software to optimise the value of our batteries by physically trading energy, power and flexibility. Arenko is led by founder and Chief Executive Rupert Newland and its board includes a number of experts in engineering, finance, energy transportation and technology including Christopher Stedman and Dimitri Chandris. Arenko has been operating grid scale batteries since 2016. www.arenko.group



###

Contacts

Allison Cohen
Media Relations, GE Power
+972 547 299 742
Allison.J.Cohen@ge.com

Arenko Contacts

Commercial

Rupert Newland
Chief Executive Officer
rjn@arenko.group

Media

FTI Consulting
Kim Camilleri
+44 203 727 1349
kim.camilleri@fticonsulting.com