

NEC Energy Solutions To Supply Smart Power GmbH With The First Grid Energy Storage Installation In Bavaria Germany

June 21, 2016 – Westborough, MA, USA and Munich, Germany – NEC Energy Solutions (NEC ES), a subsidiary of NEC Corporation, today announced that it is supplying Smart Power GmbH & Co. KG (Smart Power) a 1.2MWh GBS[®] lithium ion battery energy storage system. This is the first energy storage system being installed to provide grid reliability services in Bavaria, Germany. Currently being manufactured, the system will be operational in September 2016.

In cooperation with the NEC Germany office, NEC ES will provide a GBS[®] energy storage system which includes containerized lithium ion batteries, controls hardware, and NEC ES' proprietary AEROS[®] controls software suite, as well as service and maintenance packages to Smart Power. Smart Power is currently working with local public utilities, as well as German transmission system operator TenneT, to enable the energy storage system to cost-effectively provide services into the German primary reserve (also known as PRL) market. PRL plays a critical role in balancing the supply and demand of electricity to keep the electrical grid stable, and balancing services like this are becoming the dominant application for large-scale energy storage on the grid worldwide.

“We’re pleased to have chosen NEC Energy Solutions for this project,” said Roland Balbierer, R&D Lead Engineer and Project Manager at Smart Power GmbH & Co. KG. “We had specific requirements for the power conversion system. Their battery system architecture and AEROS[®] controls were flexible enough to accommodate this and still meet our project schedule.”

“This project is a first of its kind for NEC in Germany and represents our ongoing commitment to deliver comprehensive energy storage solutions with the capabilities needed to meet requirements throughout the world,” said Bud Collins, CEO of NEC Energy Solutions. “This project with Smart Power signifies the value of a collaborative approach to support a reliable, secure, efficient and sustainable electricity grid infrastructure.”

About NEC Energy Solutions

NEC Energy Solutions develops and manufactures smart energy storage solutions for electric grid, backup power and lead-acid replacement applications with system integration expertise focusing on high performance, efficiency, safety and reliability. Products range from massive grid-scale energy storage systems, successfully operating in commercial revenue service since 2009, to commercial and specialty battery solutions to fit the needs of telecom, datacenter, medical and other industrial applications. For more information, please visit www.neces.com.

About Smart Power GmbH & Co. KG

Smart Power specializes in the planning and implementation of large storage systems for industry, network operators, efficiency energy management systems, and energy consulting engineering. Smart Power also cooperates with research institutions, regularly conducting product tests of components and ensures consistently high quality of previous and future projects. The goal of the work of Smart Power is the efficient use of electricity and the development of sustainable renewable energies using state-of-the-art control and battery storage technology. More information is available at www.smart-power.net.

Press contact(s):

For all inquiries regarding NEC Energy, please contact: Jill Fallon, JFallon & Company, Inc.; jfallon@jfallonandco.com; +1 508-954-3383

For all inquiries regarding Smart Power, please contact: Ulrich Bürger – Head of Technology; buerger@smart-power.net; +49 89 307 6019 20

NEC is a registered trademark of NEC Corporation. All Rights Reserved. Other product or service marks mentioned herein are the trademarks of their respective owners.

©2016 NEC Corporation

###