

NEC Supplies 1.2MWh, Large-Scale Energy Storage System to COLON Company Limited Mega Solar Power Plant

Tokyo, Japan and Westborough, MA USA, April 12, 2016 -- NEC Corporation (NEC; TSE: 6701) and NEC Energy Solutions (NEC Energy) today announced that the Company has supplied and completed the installation of a GSS[®] large-scale energy storage system, with a capacity of 1.2MWh and output of 500kW, to operate in conjunction with a large PV solar power plant established by COLON Company Limited (Kagoshima Prefecture, Japan), a supplier of electricity generated from renewable energy.

This large-scale NEC energy storage system plays an important role in adjusting and stabilizing the supply and demand of energy for the power grid. Typically, power generated by PV solar plants varies according to the amount of access they have to direct sunlight. By charging itself with the surplus electric energy that cannot be accepted by the power grid from the solar plant, the storage system reduces these fluctuations to deliver consistent energy levels.

In recent years, Japan has promoted renewable energy to improve its energy self-sufficiency rate and reduce greenhouse gas emissions. The government's Feed-in Tariff Scheme for Renewable Energy has also been implemented, resulting in a rapid increase in the number of operators that generate electricity from solar energy and sell it to power companies. However, power output from these PV systems can fluctuate significantly. When a large amount of electricity is generated from renewable energy and is connected to the power grid, the capability to adjust the power supply and demand can become inadequate. The NEC GSS[®] energy storage system solves this issue for power producers and power companies worldwide.

"As a leader in energy storage systems, NEC is committed to providing stable power supply systems to power companies around the world," said Bud Collins, CEO, NEC Energy Solutions Inc. "NEC has deployed more than 120MW of these systems to over nineteen sites across eleven countries and we are proud to bring our expertise to our work with COLON."

The NEC GSS[®] energy storage system supplied to COLON was manufactured by NEC Energy Solutions, a subsidiary of NEC. The energy storage systems of NEC Energy have achieved a high-density structure through their original heat dissipation design, using proprietary modules and racks. This design makes these systems ideal for small installation areas, short construction schedules, and small construction budgets.

About NEC Corporation

NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. For more information, visit NEC at www.nec.com.

The NEC Group globally provides "Solutions for Society" that promote the safety, security, efficiency and equality of society. Under the company's corporate message of "Orchestrating a brighter

world,” NEC aims to help solve a wide range of challenging issues and to create new social value for the changing world of tomorrow. For more information, please visit <http://www.nec.com/en/global/about/solutionsforsociety/message.html>.

About NEC Energy Solutions

NEC Energy 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. NEC Energy’ products range from compact advanced industrial batteries to massive grid-scale energy storage systems. Its turnkey GSS® (Grid Storage Solution) products have successfully operated in commercial revenue service since 2009, while its commercial and specialty batteries provide solutions to fit the needs for telecom, IT backup, datacenter, medical, lead-acid replacement and other industrial applications. For more information, please visit www.neces.com.

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