

PRESS RELEASE

Nippon Renewable Energy and Schneider Electric Announce Technology Partnership and 36MW Mito Solar Power Plant Commissioning

Tokyo (Japan), 1 November 2016 - As one of Japan's leading renewable energy independent power producers, Nippon Renewable Energy K.K. (representative: Adam Ballin, main office: Minato-ku, Tokyo, hereinafter: "NRE") and Schneider Electric, the global specialist in energy management and automation (representative: Kosuke Matsuzaki, main office: Minato-ku, Tokyo), announced a comprehensive technology partnership in conjunction with the commissioning of NRE's latest 36MW solar power plant, Mito Solar Power Plant, located in Mito city, Ibaraki Prefecture ("Mito Solar").

Mito Solar is NRE's largest commissioned solar power plant to date and forms part of a 510MW solar generation portfolio across 9 prefectures in Japan. Mito Solar generates 43,420MWh of energy per annum and occupies 42 hectares on the site of a former golf course. On an annual basis, it provides 8,713 households with electricity, saves 25,326 tons of CO₂ as well as 43.3 million liters of water. In addition, its construction created 250 local jobs for civil, electrical and construction contractors.



NRE Mito Solar Power Plant

NRE is headquartered in Tokyo with three offices in Aomori, Fukushima and Ibaraki Prefectures. NRE is focused on the long-term ownership and operation of solar power plants incorporating the highest standards of technological and operational excellence. As a vertically integrated IPP, NRE has the in-house capabilities to take projects from initial planning to commercial operations, covering all phases of project development and financing, technical engineering, construction management, and operations and maintenance. It operates with a fully integrated local team of 57 professionals with expertise in land acquisition, technical design, project management and O&M.

In recognition of Schneider Electric's expertise in containerized power conversion technology, NRE and Schneider Electric have established a technology framework agreement to deploy Schneider Electric's proprietary PV-BOX systems on 17 future solar project sites (10 of which are under construction). This is in addition to the 5 sites (105MW) that NRE has already installed Schneider PV-BOX systems. By combining the main power conversion equipment into a single package, the PV-BOX reduces system costs and space, while improving maintainability.

NRE has also partnered with Schneider Electric to provide electrical O&M services across its 510MW solar portfolio. Schneider Electric will co-locate 20 professionals at NRE's offices in order to provide a market leading quality of service on the preventative and corrective maintenance of inverters and all related AC equipment including transformers, MV switchgears, DC boxes, array boxes and control monitoring systems via a 98% availability guarantee and 24 hour emergency response times. NRE will utilize Schneider Electric's proprietary monitoring and data analysis systems, Conext Controls and Conext Advisor, to ensure optimal performance management on each solar plant.

"NRE is committed to the long term success and viability of the Japanese renewable energy industry, and the strengthening of Japan's overall energy security. We are working diligently to build and operate facilities that produce clean, safe and sustainable electricity that we and the local community can take pride in. In order to enhance our position as a leading industry player, NRE will continue to adapt its business to embrace changes in the Feed-in-Tariff scheme, recent electricity deregulation, regulatory developments and technological enhancements," said Adam Ballin, Representative Director of NRE.



“Schneider Electric is excited to form a strong partnership with NRE in both inverter components and electrical maintenance services to contribute to the effective and efficient operation of renewable energy facilities in Japan by providing products and solutions that are highly reliable and offer a good return on investment,” said Pierre-Emmanuel Frot, Solar Power Generation Global Business Vice President at Schneider Electric.

NRE strives to serve as a responsible Japanese corporate citizen and member of its local communities with CSR initiatives centered on education, health and environmental awareness. NRE has partnered with Schneider Electric to donate 10kW solar systems to local public schools to provide free electricity and educate students on the benefits of renewable energy.

About Nippon Renewable Energy K.K.

Nippon Renewable Energy K.K. is an independent Japanese renewable energy utility business with its head office in Tokyo, Japan and local offices in Aomori, Ibaraki and Fukushima prefectures. NRE employs a strong local team of experienced development, design, project management engineers and investment professionals who are designing, financing, constructing and operating over 500MW in Japan. For further information about Nippon Renewable Energy, please visit <http://nipponenergy.co.jp/en/>

About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. With revenues of ~€27 billion in FY2015, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this Life Is On. www.schneider-electric.com

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