



Press Release

SMA America and SMA Canada

SMA's New Grid Emulation Service Brings Hundreds of Megawatts Online within Days

Power Plant Service Accelerates Start-up, Pulls Forward Commercial Operation Dates

ROCKLIN, Calif., Feb. 27, 2014—On the heels of its successful operations and maintenance (O&M) launch, SMA has unveiled another exclusive utility-scale service: [Grid Emulation™](#). An industry first, it accelerates power plant start-up and significantly pulls forward commercial operation dates before grid connection is accessible, enabling hundreds of megawatts of PV power to be brought online in a matter of days.

Through the use of proprietary technology, SMA can simulate the grid prior to actual grid interconnection and fully test and pre-commission the complete power path from the PV modules to the medium voltage transformer. By doing this, Grid Emulation prevents unnecessary project delays, helps developers and EPCs realize additional project profitability and mitigates the risk of liquidated damages, resulting in greater peace of mind and project success.



SMA Power Plant Services include Grid Emulation

Photo courtesy of SMA America and SMA Canada

“Grid Emulation is a game changer in the way large-scale PV plants are tested and brought online,” said Henry Dziuba, president and general manager of [SMA America](#) and president of [SMA Canada](#). “SMA not only supplies world-class inverters, we support the entire design and commissioning process.”

The Grid Emulation service is just one example of SMA's commitment to developing holistic solutions for power plants, from project design through the life of a PV plant. Additional [power plant services](#) include commissioning, preventative maintenance, extended warranty, and plant-wide O&M.

About SMA

The SMA Group generated sales of more than €0.9 billion in 2013 and is the global market leader for solar inverters, a key component of all PV plants. As an energy management group, SMA offers innovative key

technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 21 countries. The Group employs more than 5,000 people worldwide. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all plant sizes. The product range includes both inverters for grid-connected photovoltaic plants as well as off-grid and hybrid system technology. The product portfolio is supplemented by comprehensive services and operational management of utility-scale PV plants. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and also in the TecDAX index.

www.SMA-America.com/www.SMA-Canada.ca

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