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For Immediate Release

LynTec RPC Panelboards Support Light Beam Atop One World Trade Center

Motorized Panelboards Bring Electrical Protection and Remote Control Capabilities to New York City's Leading Landmark

LENEXA, Kan. — May 6, 2014 — [LynTec](http://www.LynTec.com), a leading manufacturer of customized electrical power control solutions for professional audio, video, and lighting systems, today announced that the company's RPC 329, RPC 341, and RPS 342 panelboards are being used to operate the rooftop lighting of one of the world's most iconic structures: One World Trade Center in New York. Renowned for their ability to provide both built-in circuit switching and electrical protection within a single enclosure, LynTec's RPC (Remote Power Controller) panelboards bring remote control capabilities, talk-back features, and seamless third-party GUI integration to the lights atop the tallest skyscraper in the Western Hemisphere.

Installed above the structure's 408-foot rooftop spire, the 104-story One World Trade Center's lighthouse-inspired rotating beacon brightens the skyline by outputting more than 300,000 lumens at bidirectional distances of up to 50 miles. The one-of-a-kind solution employs a series of single and double-



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headed custom LED color uplight fixtures to illuminate the spire's open steel frame while the structure's rotating beacon uses a complex array of white LEDs and revolving mirrors to create an extraordinary sky-bound lighthouse effect. To enable advanced electrical protection and simple third-party integration throughout the world-class lighting installation, system integrator Barbizon — the nation's largest lighting integration company — turned to LynTec's award-winning line of RPC panelboards with motorized breaker technology.

“For this once-in-a-lifetime project, it was essential that every component provide the uncompromised reliability, market-leading quality, and innovative features that would allow us to



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create a lighting solution that was worthy of an internationally renowned monument,” said John Gebbie, systems business development manager, Barbizon. “By selecting LynTec's RPC panelboards, we gained a space-saving combination of switching and circuit protection capabilities in one panelboard, remote control functions via integration with our custom GUI, and the ability to receive instant alerts for lighting maintenance and service — all key features for such a hard-to-

access, high-altitude installation. LynTec is known for its

unparalleled tech support, which proved to be invaluable for an endeavor of this importance and complexity.”

Built specifically to manage installed audio and lighting systems of any size, LynTec's RPC panelboards combine the latest motorized breaker technology with Web-enabled circuit control, allowing integrators to easily set up, program, monitor, and control loads on a circuit-specific level. Accessible from any Web-enabled device, the solutions provide a complete overview and allow users to take action remotely, resulting in greater installation flexibility, more efficient power control, and the ability to provide direct on/off control for LED lighting. The panelboards

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also bring built-in auto-off brownout protection, optional sequential circuit level on/off capabilities, and the ability to interface with third-party control systems via contact closure, TCP/IP, DMX, or RS-232.

“Being selected for this unique application truly distinguishes LynTec as an emerging market leader in the protection, monitoring, and control of large-scale LED lighting installations,” said Mark Bishop, president of LynTec. “In addition to supporting the project’s lighting effects, our RPC solutions increase the installation’s energy efficiency, enable more cost-effective maintenance, and allow easier access via powerful remote capabilities. We are thrilled to play a direct part in such a compelling landmark.”

A fully collaborative project, the lighting installation atop One World Trade Center features Strong Lighting Mini Solutions LED fixtures with internal engines by DTS. The beacon’s rotating mechanism was enabled by JR Clancy while program control was provided by Electronic Theatre Controls (ETC) and Pathway Connectivity. All installation labor was provided by Five Star Electric and its IBEW electricians. All electrical control was made possible by LynTec.

More information on LynTec’s RPC panels and full line of products is available at www.LynTec.com.

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About LynTec

LynTec is a leading manufacturer of remotely operated AC power control systems for the professional sound, lighting, and video industries. The company offers both electrical protection and circuit switching capabilities within the same enclosure — saving space, lowering installation costs, and building trusted relationships with system designers. LynTec’s continuous growth in electrical and expanded lighting control, energy monitoring, built-in power conditioning, and mobile applications positions the company as a leading resource for the A/V and lighting industries and an integral partner for sustainable energy practices. More information is available at www.LynTec.com.

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