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SEL to deliver fast bus transfer technology to India's largest power company

PULLMAN, Wash. — January 7, 2015 — Schweitzer Engineering Laboratories, Inc., has been selected as a supplier for India's largest power company, [NTPC Limited](#), with its fast bus transfer system featuring the [SEL-451 Protection, Automation, and Bay Control System](#). The SEL solution was chosen after a rigorous approval process that included a number of SEL's competitors.

"This has been one of the most detailed approval processes we have been through," said Neeraj Goel, regional manager at SEL India. "We went through several rounds of meetings, demonstrations, documentation, and a factory visit, but our technology, reliability and services helped us secure this coveted approval."

SEL's fast bus transfer system provides protection for power plants that rely on multiple power supply sources. When there's a fault with a power source, the system detects the problem and switches to an alternative source, avoiding disruption in service and a potential blackout.

The SEL solution utilizes high-speed, flexible logic that can be customized to meet customer needs. The system also features three modes of transfer — fast, in-phase and residual — as well as IEC 61850 protocols, and is economically priced, said Jassim Al Hamad, SEL's regional director for India, the Middle East, and Africa. "This success story from India will help us bring SEL's solution to more customers, helping them to save financial resources with a less expensive yet higher performing system."

NTPC is a state-run company, providing approximately 27 percent of India's total power generation. The company currently generates 43,128 MW, with plans to reach a 128,000 MW capacity by 2032. Their portfolio includes generation, distribution, oil and natural gas exploration and coal mining.

SEL is an employee-owned company serving the power industry worldwide for more than 30 years through the design, manufacture, supply and support of products and services for power system protection, monitoring, control, automation, communications and metering. SEL offers unmatched local technical support, a worldwide, ten-year product warranty and a commitment to making electric power safer, more reliable and more economical. To learn more, please visit www.selinc.com.

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