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FOR IMMEDIATE RELEASE

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SEL-651R Detects High-Impedance Faults With Arc Sense™ Technology

PULLMAN, WA — January 14, 2013 — Schweitzer Engineering Laboratories, Inc. (SEL) today announced the release of high-impedance fault detection in the SEL-651R Advanced Recloser Control. SEL's patented Arc Sense technology (AST) detects more high-impedance faults than conventional protection for reliable operation of your distribution system.

A high-impedance fault occurs when a conductor contacts a ground surface but does not produce a large fault current. The SEL-651R with AST detects and clears many faults that may not be detected by conventional overcurrent elements. AST detection algorithms also offer enhanced security over existing technology, and dedicated event reports provide information on high-impedance fault activity for event analysis.

"We have made huge advancements in high-impedance fault detection by adding AST to some of our feeder relays," said SEL Lead Research Engineer Venkat Mynam. "By adding AST to a recloser control, we are able to get closer to where high-impedance faults typically occur, detect a stronger signal, and isolate the fault for improved reliability."

High-impedance fault detection is available now as a $1,000 option on new SEL-651R Recloser Controls. For more information on features, benefits, and applications, visit www.selinc.com/p161.

SEL serves the power industry worldwide through the design, manufacture, supply, and support of products and services for power system protection, monitoring, control, automation, 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.

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