

PRESS RELEASE

SOLLATEK AVR3PE SOLID-STATE AUTOMATIC VOLTAGE REGULATOR APPROVED FOR USE BY SSEN TRANSMISSION

Sollatek is proud to announce that its Automatic Voltage Regulators (AVRs) have received a highly respected endorsement from Scottish and Southern Electricity Networks (SSEN).

SSEN, part of the SSE Group, is one of the UK's major electricity transmission and distribution operators. The company is currently undertaking a multi-billion-pound, multi-year infrastructure improvement programme to upgrade its transmission and distribution networks in support of the UK's Net Zero targets for 2030 and 2050.

As part of this programme, Sollatek has been identified as a preferred supplier and partner of Automatic Voltage Regulators, which are required to stabilise power within LVAC control rooms in substation projects. Sollatek is proud to have been awarded a TAR (Type Authority Report) Approval by SSEN following rigorous examination.

Sollatek AVRs have a long and proven track record on the UK grid. The first unit was installed by the National Grid over 35 years ago, and since then Sollatek solutions have played a key role in delivering stable and clean power to more than 30 substations, including both main grid sites and onshore substations supporting offshore wind farm projects.

SSEN operates a Technical Authority Report (TAR) system which pre-approves vendors for supplying equipment to its projects. Sollatek is proud to be the first AVR manufacturer to receive this approval.

Sollatek AVRs are solid-state voltage stabilisers featuring an industry-leading $\pm 30\%$ continuous input voltage range, the widest available for AVRs in this category. The units are non-mechanical, maintenance-free, and designed for an operational lifespan of 25–40 years.

Sollatek AVRs have been installed at several notable sites in partnership with leading contractors such as Siemens, GE, Omexom, and Balfour Beatty. Key installations include Greater Gabbard, Peterhead, Beauly, Argyll Crossaig, Brechin, Tomatin, and many others.

