

**Cover Story**

This special issue covers state-of-the-art the latest technologies of controlled switching systems which are commonly applied to reduce switching surges. (1) Capacitor switching application, where the controlled switching system (CSS) is installed in the mechanical cabinet. (2) and (4) Reactor switching applications, where the CSSs are installed in a local control cabinet. (3) Controlled switching system that controls switching according to the residual flux in the transformer. (5) Transformer switching application, where the CSS is installed in the local control cabinet.

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