SIEMENS energy

Fixed Series Capacitor

Boost your transmission lines



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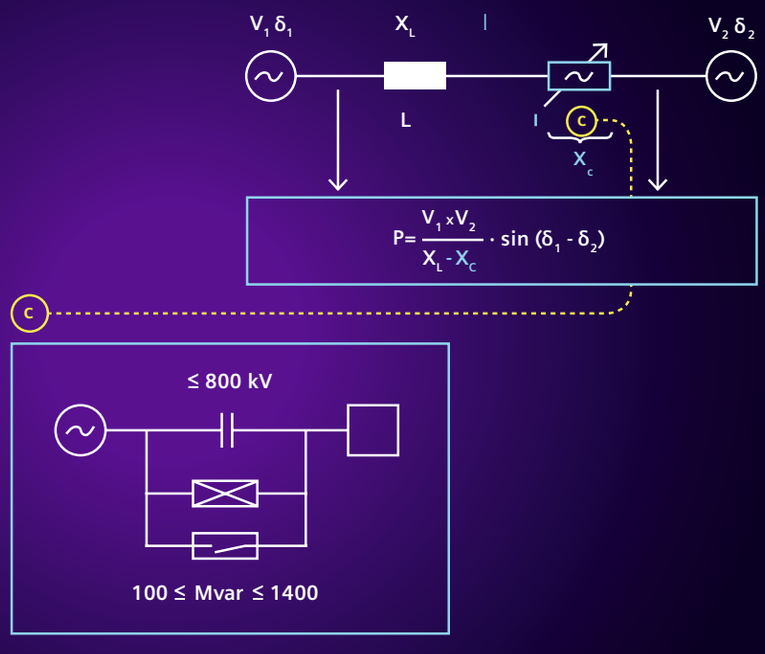
How to increase transmission system capacity and stability

The increasing demand for energy can only be met when grids can provide sufficient transmission capacity. Building new lines is not only expensive, it's also challenging due to changing regulations, public acceptance, and environmental concerns.

Fixed series capacitor technology provides an alternative solution by increasing the transmission capacity of existing lines.

Siemens Energy's solution for advanced power delivery translate into a number of solid benefits including

- Increases power transfer capability
- Reduces line voltage drops
- Limits load-dependent voltage drops
- Influences load flow in parallel transmission lines
- Reduces transmission angle increasing stability
- Reduces footprint for transmission systems
- Cost effective solution
- Reliable and robust design even in seismic areas



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