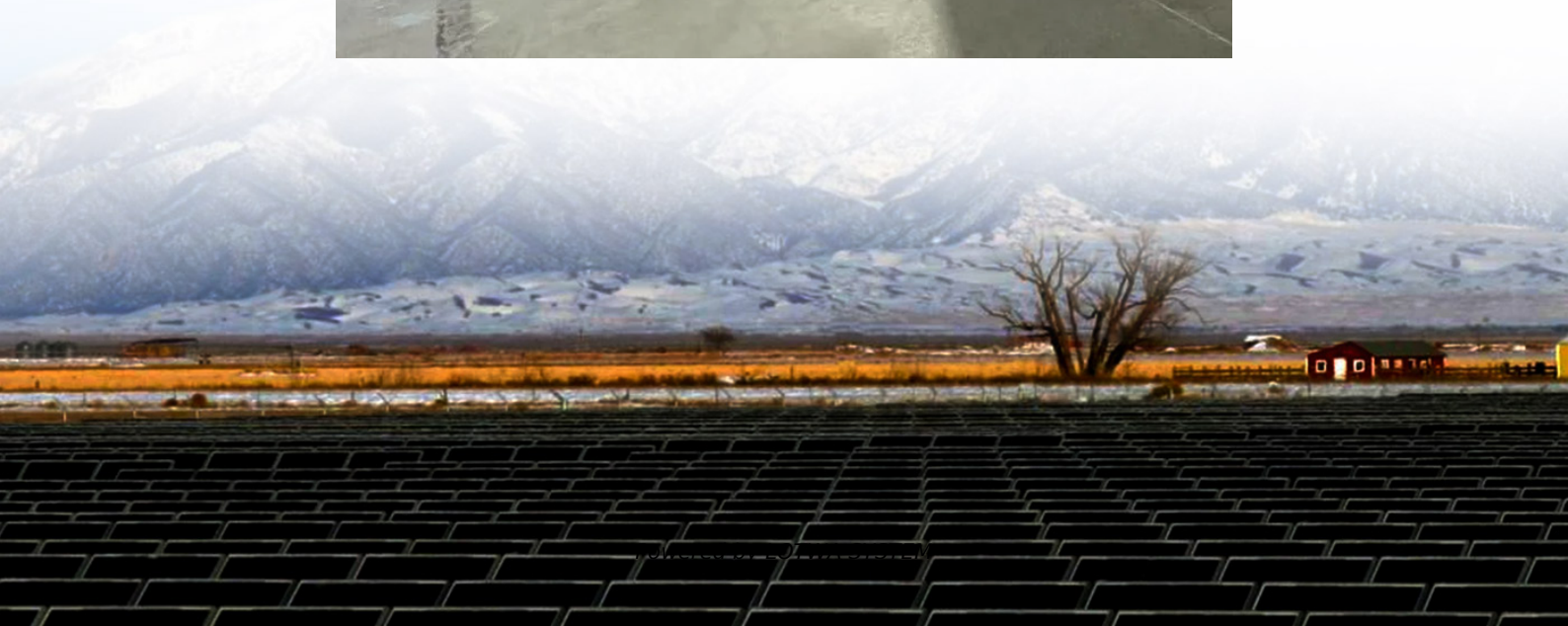


Self-provided power station generator self-protection





Overview

What is a SEL generator protection system?

SEL products and systems protect and control generators and plants that use hydroelectric, coal, gas, geothermal, wind, biofuel, solar, and other energy sources. Upgrade to a proven SEL protection system today, and be confident that your generation system will be working tomorrow. Advantages of an SEL Generator Protection Solution.

What are Sel generator protection relays?

Numerous current, voltage, frequency, distance, power, and out-of-step elements in SEL generator protection relays provide comprehensive protection for large, medium, and small generators.

What type of protection does a generator have?

These include unit differential and zone-1 distance relays. Generator transformers and transmission lines are also protected with two independent main protection designed to clear the fault with in 100 ms. Distance-based backup protection is provided for the protection of transmission lines through Zone-2 and zone-3 operations.

What is generator protection scheme?

Generator protection scheme. At substations, the lines, interconnecting transformers, and reactors constitute major static power components crucial for system operation. The transformer, depicted in Fig. 6, is a localized element featuring two sets of delicate windings that may directly or indirectly experience fault currents.



Self-provided power station generator self-protection

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