

SOLUTIONS:

Portable Switchgear for temporary power systems

Coalmont was selected to design and build power distribution centers for the nuclear industry's SAFER FLEX response centers. We have followed up with dedicated units for individual power plants..

Incorporating application specific custom buss designs, vacuum circuit breakers and advanced power protection equipment into our units ensures they meet temporary power distribution needs of nuclear power plants.

In addition to the standard five circuit unit, Coalmont offers a larger ten circuit portable switchgear for facilities with greater power needs. The larger unit can handle the power output of up to five turbine generators.

In addition to trailer mounted units we offer skid based power centers.

Rigorous testing and quality control by qualified engineers ensures reliability and adherence to industry requirements.

Our switchgear and power centers are delivered with custom engineered electrical drawings, complete documentation, and user manuals are provided with all units.

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Plug into the Experts



10 Circuit Portable Switchgear



5 Circuit Portable Switchgear

TEN CIRCUIT PORTABLE SWITCHGEAR

The ten circuit portable switchgear is designed to meet the additional power demands of larger facilities.

Control components are placed on one side of the unit for easy operation and connections on the opposite side to keep incoming generator power cables from interfering with operator movement.

This design has been extensively tested to meet nuclear power standards. Coalmont switchgear is compatible with turbine generators in use by SAFER regional response centers. Up to ten generators can be connect to this unit.

All Coalmont products are built with sturdy structures and durable powder coated finishes. Multiple cable connector options are offered including Pfisterer, Duraline, TPC and TBJ to meet the connection requirements of individual facilities.

Electrical drawings, documentation and user manuals are supplied with all units to meet compliance requirements.



STANDARD SAFER FLEX POWER DISTRIBUTION CENTER

Coalmont partnered with the nuclear industry to design and build eight custom designed 4160 VAC load distribution centers for the regional disaster response centers in Memphis and Phoenix. Coalmont is now accepting orders for additional units for nuclear facilities needing dedicated units. Site specific connector options are available.

Each unit is towable, light enough to be airlifted into place if necessary, electrically complex enough to do the job and simple enough to operate that non-technical staff could deploy in an emergency.

All units are delivered with complete drawings documentation, and user manuals. Coalmont offers optional onsite user training and technical support.

For additional functionality, pair your unit with a Coalmont cable storage and deployment trailer to ensure your facility has adequate power cables on hand.

