



CUSTOM SWITCHGEAR

MEDIUM VOLTAGE (5 to 25KV)



in **PORTABLE/ MOBILE ENCLOSURES**



or sold as **STAND-ALONE UNITS**

IMG MEDIUM VOLTAGE SWITCHGEAR

IN PORTABLE/MOBILE ENCLOSURES



PORTABLE



MOBILE



PORTABLE C/W FRAME



COMPACT-SKID



COMPACT FRAME



PAD-MOUNT

IMG 5-25kV SWITCHGEAR

DESIGN PHILOSOPHY

IMG Medium Voltage Switchgear is rated up to 25kV. Its compact design is specifically intended for use in modular enclosure applications. Equipment is designed for maximum Arc Flash protection using most of these main methods:

- 1) Fast acting breakers and proper protection provides significant mitigation of damage in the event of a downstream fault (see attached) and INCREASE WORK SAFETY
- 2) Fixed breakers instead draw-out
- 3) Optical arc flash detection
- 4) Adjustable instantaneous tripping – maintenance and normal operation
- 5) Full metering is provided to allow equipment protection and monitoring
- 6) Kirk-Key interlock scheme prevents accidental door opening of live switchgear
- 7) Breakers are maintenance free for up to 30,000 operations
- 8) Optional Arc Flash Quenching for 5kV, 15kV and 25kV switchgear

APPLICABLE STANDARDS

Equipment covered in this proposal will be designed, fabricated, assembled, and tested in accordance with the latest applicable standards, codes, and regulations of the following:

- American National Standards Institute (ANSI)
- Institute of Electrical and Electronics Engineers (IEEE)
- National Electrical Manufacturers Association (NEMA)
- CSA Electrical Code C22.1-18 Safety Standards for Electrical Installations
- M421-16 Use of Electricity in Mine

5 & 25KV SWITCHGEAR



IN CUSTOM IMG WALK-IN ENCLOSURE

5 & 25KV SWITCHGEAR



IN CUSTOM IMG WALK-IN ENCLOSURE

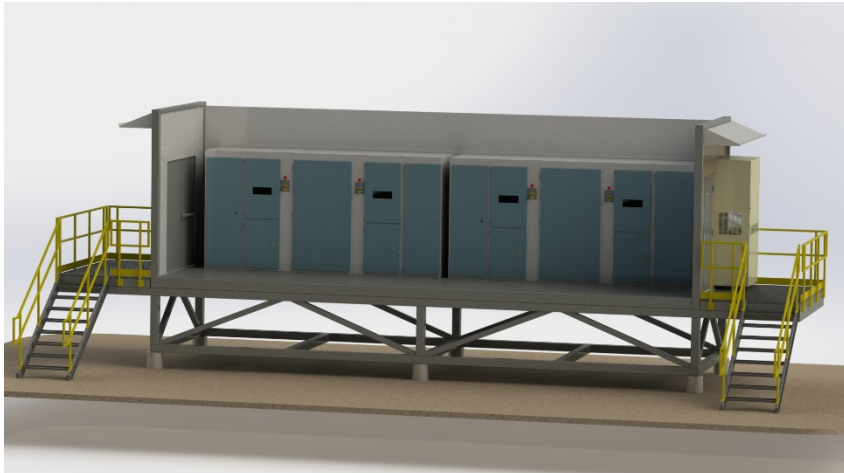
5 & 8KV SWITCHGEAR



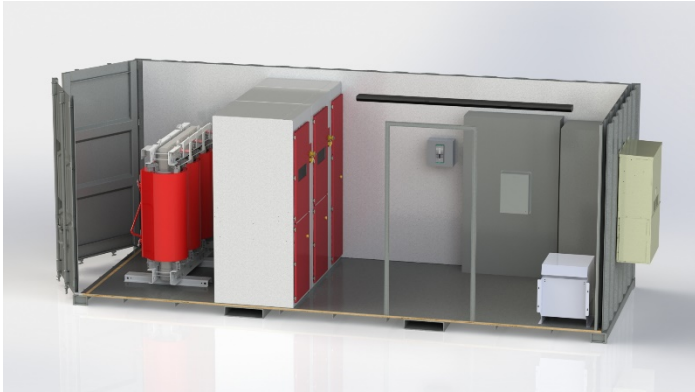
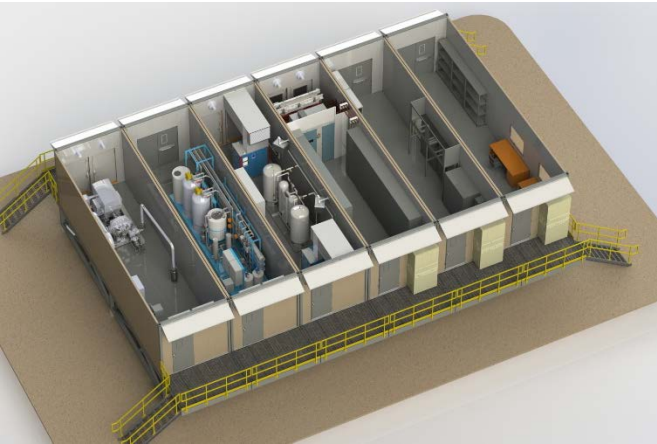
IN WALK-IN CONTAINER-STYLE ENCLOSURE



15 & 25KV SWITCHGEAR



VARIOUS LAYOUTS



TEXT

VARIOUS APPLICATIONS



COMPACT APPLICATIONS





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