

Problem Solved

The Padmount switchgear assemblies serve to distribute medium voltage power, provide for visible blade isolation and lock-out, circuit protection, metering and uninterrupted communications. The solution offered is much easier to access than pole mounted devices and is more esthetically pleasing than pole mounted devices.

Characteristics**15KV, 95KV BIL, Pad Mounted switchgear includes:****BAY 1 (Utility Side Circuit Breaker)**

1 - ABB fixed mount vacuum circuit breaker, 1200A, 25kA, 48VDC control

BAY 2 (Solar Side)

3 - Single 600A Bushings, w/parking stands

1 - Autojet®II Load Interrupter Switch, 15kV, 600A, Right Hand Operated

1 - Viewing Window

BAY 3 (Solar Side)

3 - Single 600A Bushings, w/parking stands

1 - Autojet®II Load Interrupter Switch, 600A, Left Hand Operated

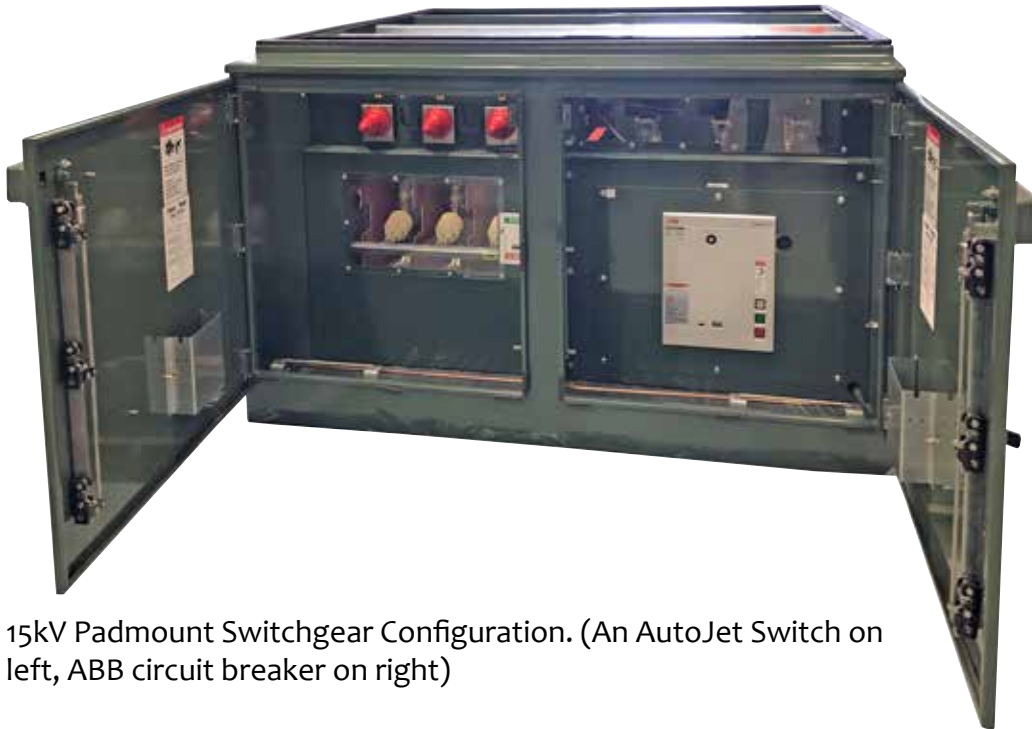
1 - Viewing Window

BAY 4 (Utility Side Termination)

3 - Dual 600A Bushings, w/parking stands

3 - Current transformers, single ratio, Relay Accuracy C50, and Metering Accuracy 0.3 B0.5. Ratio: 800:5, CTs shared by relay and meter.





15kV Padmount Switchgear Configuration. (An AutoJet Switch on left, ABB circuit breaker on right)



Rear view of the 25kV padmount design (Breaker terminals on the left with CTs. An AutoJet switch on the right.)



Low Voltage Control Compartment (Front view with door closed, and rear view of front panel)

