



HIDDEN PROBLEMS

with Metal-Clad Circuit-Breaker Switchgear in a C&I Setting

Downtime can be expensive at commercial and industrial (C&I) facilities, negatively impacting their production goals. Metal-clad circuit-breaker switchgear on medium-voltage electrical systems poses risks that contribute to costly downtime and hurt reliability.

COST RISKS^①



2X TOTAL OWNERSHIP COSTS

The total cost of metal-clad circuit-breaker switchgear ownership can be double the cost of alternative switchgear.



35% HOUSING PREMIUM

Outdoor e-houses can add a 35% premium to the cost of breakers.



20% ARC RESISTANCE PREMIUM

Arc-resistant construction can add a 20% premium to the cost of breakers.

RELIABILITY RISKS



MORE MAINTENANCE = MORE MISTAKES

Nearly 25% of unplanned facility outages are caused by human error.^② Mistakes can lead to arc-flash events.



EXTREME WEATHER VULNERABILITY

Severe storms and flooding can damage or destroy breakers.



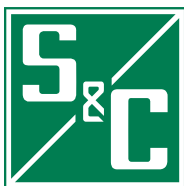
LONG REPAIR TIMES

Replacement lineups can take months to arrive and install.



1 FAULT = SINGLE POINT OF POWER FAILURE

Breaker failure can leave half of a facility in the dark.



Contact us to learn about a switchgear solution that can reduce risks to your facility.

^① Cost calculations based on industry averages.

^② Ponemon Institute, "Cost of Data Center Outages," January 2016.

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