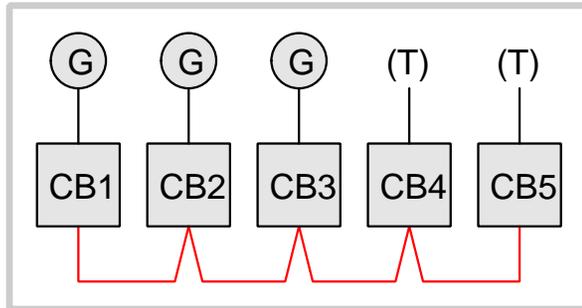
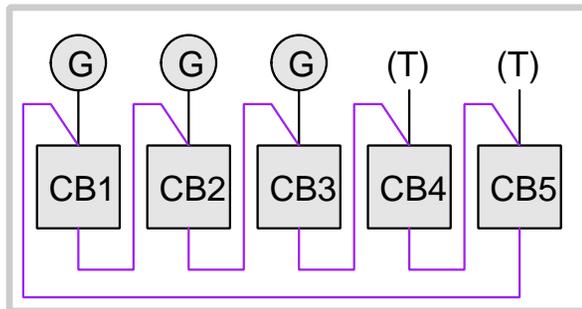


Breaker topology options illustrated

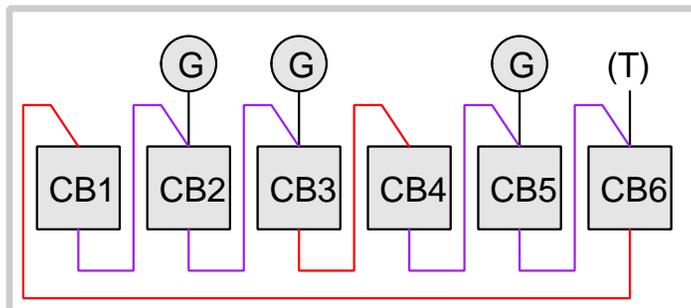
Single bus (1:1 breaker-to-line ratio)



Ring bus (1:1 breaker-to-line ratio)



Breaker-and-a-half (3:2 breaker-to-line ratio)



Legend:

G = Generating station

CB n = Circuit breaker

(T) = Transmission line

— = external line

— = internal bus

— = bus common to line

Each circuit breaker is equipped with banana-style jacks at the top and bottom for easy re-configuration of power line and bus conductors. This allows any substation's topology to be revised at will.