

Network Transport Circuit Breakers

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(individual Submission)

Circuit breakers protect services



A protection mechanism of last resort
Reduce service starvation
Prevent congestion collapse

Not a congestion-control method

Functional Network Components

- Ingress meter
- Egress meter
- Measurement function
- Trigger function
- Reaction

CBs come in different profiles



trigger at different levels
different response curves

Fast-Trip Circuit Breaker
Slow-trip Circuit Breaker
Managed Circuit Breaker

Next Steps

- Help to get a clearer understanding of the operational conditions under which circuit breakers should or must be deployed.
- Adopt in TSVWG?