

WILL UNINTENDED POWER OUTAGES PUT YOU IN THE DARK?



have the **SOLUTION** . . .



Prevents Nuisance
Circuit Breaker Trips

Case Study

A large data center owner was experiencing sporadic breaker trips that resulted in several of their key sites going down. These trips were occurring only when the breakers were lightly loaded. Both the original equipment manufacturer and third party experts tested the breakers and could not reproduce the nuisance tripping. Thinking that the breakers were operating properly, they were returned to service.

The cost of this replacement option was over 10 times the expense of replacing only the faulty electronics. The data center had concerns that they would face similar support issues once the replacement breaker reached the end of its product life cycle.



A Plug and Play Solution!

Further power outages occurred shortly thereafter. It was concluded that the electronic controls were approaching the end of their service life and component degradation had exposed a latent defect.

Since the OEM was in the process of discontinuing the product line, they were unable to supply a sufficient quantity of replacement trip controllers. Their proposed solution was to replace both the electronics and the entire circuit breaker with their latest production model. This change-out would also necessitate minor modifications to the switchgear.

After thoroughly evaluating Satin American's **etc-12™** direct replacements, the data center scheduled an outage at one of the problem locations. In less than a half hour, the **etc-12™** controller was installed and tested. Once the retrofit breaker was returned to service, the sporadic power outages ceased. After completing extensive field testing, the data center instituted a program to pro-actively replace every breaker trip controller in ALL of their critical substations.

For more information please contact our Technical Sales Representative **Ciaran O'Reilly**.

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