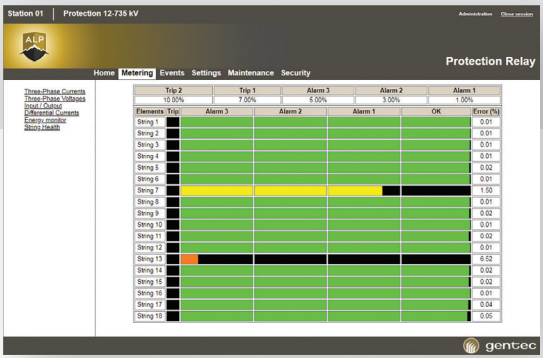
Capacitor bank downtime?

Improve bank health monitoring with an impedance-based protection relay.



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Capacitor bank downtime is frequent in fuseless shunt capacitor banks.

In most cases, it results from a protection element operating in the absence of an actual fault.

Those misoperations are often caused by the limited sensitivity of the voltage differential element compared to the voltage increase that results from a capacitor failure.

This situation leads to high maintenance costs when utilities have to investigate whether or not a problem is present within the bank.

To learn how to improve bank health monitoring and reduce maintenance costs with an impedance-based protection, simply send us an email at **alp@gentec.ca** and request a copy of our application note.

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Is your cap bank protection scheme reliable?

Impedance-based capacitor relay: the ideal complement to your voltage differential elements.

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Capacitor banks are often protected using a voltage differential scheme.

While this scheme has proven to be effective for many cases, it may fail to catch some faults.

Moreover, this protection scheme only provides a differential voltage for the whole bank which does not help with maintenance.

One way to enhance the coverage of your protection scheme is to complement the voltage differential element with an impedance-based relay.

To learn how to improve the reliability of your capacitor bank protection and reduce maintenance costs with an impedance-based protection, simply send us an email at **alp@gentec.ca** and request a copy of our application note.

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