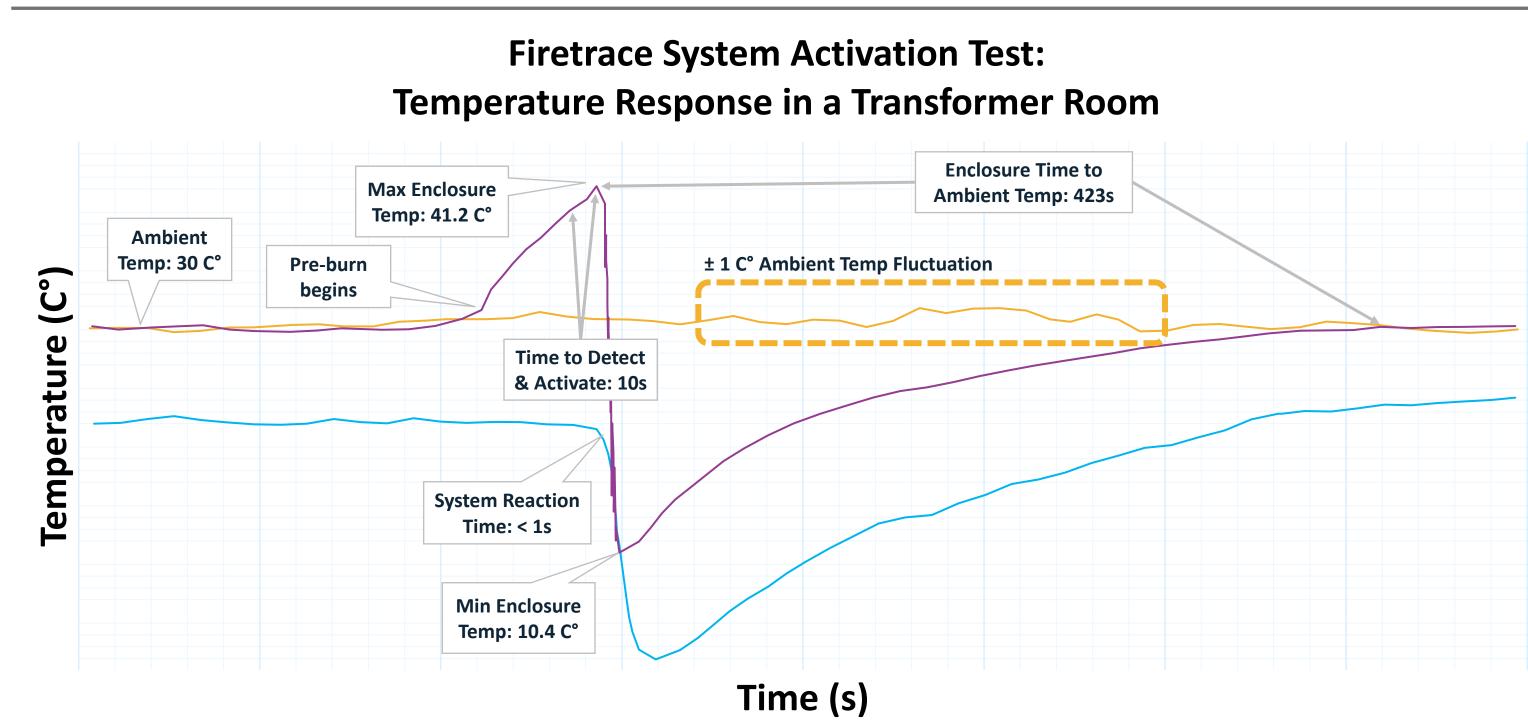
Wind turbine fire protection systems proven to reduce downtime & prevent catastrophic loss

Firetrace secures wind farm resiliency with customized fire protection solutions.

Kishan Ponnadurai



System Types



The Firetrace system utilizes a modular architecture to aggregate up to four independent pressure switch signals into a unified output. This output seamlessly integrates with SCADA for real-time alarm activation and interfaces with switchgear via VAMP protection relays to execute an automated power isolation sequence, mitigating electrical fire risks and ensuring rapid response in critical turbine infrastructure.

—Enclosure Temp -Ambient Temp -Cylinder Temp



Targeted agent discharge ensures protection w/o unnecessary environmental exposure. Transformer rooms and electrical cabinets are the highest risk areas

Minimize Downtime & Financial Loss Ensure wind farms remain operational with minimal disruptions.

Reduced turbine damage.

Facts & Figures

90% of turbine fires lead to a catastrophic loss

Electrical malfunctions are the ^{2nd} leading cause of fires behind lightening

The financial impact of a total loss for a single 2MW turbine is on average **3-4 million** dollars.

A catastrophic loss results in **12-18 months** of downtime for a single turbine

Special Thanks To Our Partners:

SIEMENS Gamesa RENEWABLE ENERGY











Rapid agent discharge removes heat energy from fire, preventing reflash.

Optimize Suppression for High-Risk Areas

See our product installed in VR/AR!



FIRETRACE International

