



ELECTRICITY GENERATION



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ACCURATE LOCATION OF MALFUNCTIONS TO AVOID TURBINE DOWNTIME

Location: GE Mark V Gas Turbine

Challenge: During attempts to activate a GE Mark V gas turbine at a power station, operators encountered a problem in which the turbine failed to stabilize and deactivated each time fuel was fed into the system. Even after replacing a control card on the main controller, the situation still could not be remedied.

Solution: The Chief Engineer examined the readout from SigaPlatform, which showed an activation cross-fire that was not visible in their SCADA system. The resulting adjustment allowed for safe turbine activation.

Result: SIGA's ability to accurately and precisely identify the exact location and character of the fault enabled its immediate resolution and the successful activation of the turbine, avoiding timely and costly downtime.

