



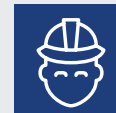
APPLICATION SPOTLIGHT – Utilities



Reduce
Downtime



Reduce
Costs



Improve
Safety

INSPECT SULFUR HEXAFLUORIDE (SF₆) CIRCUIT BREAKERS

DETECTING GAS LEAKS WITH OPTICAL GAS IMAGING

THE CUSTOMER'S CHALLENGE

When you suspect that there's a gas leak in a SF₆ breaker, it's crucial to locate and fix it immediately to minimize downtime and revenue loss. This isn't always easy to do using traditional gas-detection methods such as sniffers or soap bubbles. Plus, it's not always possible to come into close contact with the breaker to inspect it. The longer a leak is left unrepaired, the more revenue lost, and the greater the carbon footprint on the environment.

A SOLUTION

An optical gas imaging camera, such as the GF306, visualizes SF₆ and other gas emissions without the need to shut down operations. By using a portable, non-contact optical gas camera, you can quickly scan substations for leaks while maintaining a safe distance from high-voltage equipment. You'll be able to spot thermal anomalies to catch leaks early, and reduce revenue lost from breakdowns and repairs.

THE RESULTS

Through regular SF₆ circuit-breaker inspections using an optical gas imaging camera, your utility can visualize gas emissions and thermal anomalies to cut the amount of revenue lost from costly leaked gas, downtime, and repairs. Plus, your company can reduce emissions to meet environmental regulations and avoid potential fines.

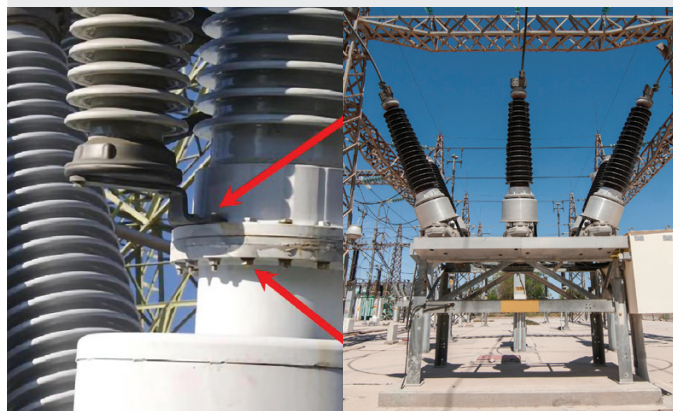
For more information about FLIR in electric power substation/transmission or to schedule a product demonstration visit: www.FLIR.com/substation-transmission

Imagery for illustration purposes only.

www.flir.com
NASDAQ: FLIR

**CORPORATE
HEADQUARTERS**
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547

Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited. ©2018 FLIR Systems, Inc. All rights reserved. 11/02/18 – 18-1610-INS



Undetected gas leaks may result in unplanned downtime, lost revenue, and a greater carbon footprint



Optical gas imaging cameras visualize and pinpoint emissions so you don't have to shut down operations to fix a leak



FLIR GF306™

