



**Buzz
Solutions**

Substation

Guarding Critical Infrastructure, Together.

AI Detected Events, Delivered to Your Workstation, Near-Real-Time



Machine learning & computer vision monitors, detects, and alerts on critical events in near-real-time.



Fixed, high-resolution, cameras ensure perfect angles, and sustained data collection and monitoring.



AI systems constantly monitor for intrusions by individuals or animals and assess whether there is a probability of or an ongoing equipment malfunction.



SECURITY PACKAGE

Know when unauthorized events are taking place in the area, including intrusion from vehicles, people, and animals.



SAFETY PACKAGE

Monitor the use of personal protective equipment and injuries on the site and alert emergency personnel to critical events sooner.



EQUIPMENT PACKAGE

Monitor for smoke, arcing, and fires to alert for emergency events while monitoring thermal features and condition of your critical equipment.

PowerGUARD

GUIDED URGENT AI RISK DETECTIONS

www.buzzsolutions.co

sales@buzzsolutions.co



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REAL TIME ALERTING FOR SUBSTATION THREATS

PowerGUARD is an advanced AI-driven risk detection product designed to enhance security, safety and condition assessment for utility infrastructure.



IMPROVE SAFETY & PRODUCTIVITY

Reduce the number of manual site visits and unnecessary truck rolls. Improve safety on sites,

01



REDUCE COSTS

Reduce costs related to repair/replacement, downtime, and equipment damage.

02



MITIGATE THREATS

Reduce threats and deter attacks on site. Enable visibility into real-time substation condition.

03



IMPROVE RELIABILITY

Increase grid reliability, stability and operational efficiency, while extending lifespan of equipment.

04

"Given the recent uptick in substation attacks, manual substation maintenance and monitoring at the level required to keep them secure and functional has become unrealistic for most utility companies—especially those who are also making significant investments in renewable energy. Buzz's PowerGUARD fills in the gaps. It has made a notable impact on the way that Southern California Edison responds to substation threats."

Ben Almendarez
Manager – Substation Maintenance Programs