

Boost LNG Reliability with Real-Time Pressure Relief Valve Monitoring



Eliminate Surprises. Reduce Unplanned Outages. Protect Throughput.

When a plant goes down, revenue stops. For LNG facilities, pressure relief valves (PRVs) are among the most frequent “bad actors” driving **shutdowns, turnarounds, and costly unplanned outages**. Yet most plants still rely on manual inspections, guesswork, or incomplete data to understand PRV performance.

Why PRV Monitoring Matters

Professionals across LNG operations – from **maintenance planners and technicians to reliability engineers, turnaround coordinators, shutdown managers, and overpressure SMEs** – face constant pressure to:

- Reduce **unplanned outages** and process downtime.
- Improve turnaround and shutdown planning accuracy.
- Identify and eliminate “**bad actor**” PRVs.
- Support **RBI (Risk-Based Inspection)** strategies.
- Strengthen **preventative and predictive maintenance**.
- Avoid last-minute surprises that trigger **MOC (Management of Change)** headaches.

What You Gain With Continuous PRV Monitoring

- **Confidence: Know when and why a PRV lifted and/or started to leak** – stop relying on tribal knowledge and field speculation.
- **Faster root cause analysis** by accessing clear digital records to support accurate investigations.
- **Optimize PRV maintenance schedules** by using real performance data, not assumptions.
- **Reduce outage risk** by spotting repeat offenders early.
- **Empower your team** to gain autonomy and data decision making they’ve been asking for.



**Learn more
about Emerson's
PRV Monitoring
Solutions**

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