Using GE's Next Gen ST Valve technology to help avoid forced and unplanned outages

Without advanced monitoring, **undiagnosed issues can be very costly**

In a recent real-world case, an aluminum smelter experienced a costly outage that cost the company

$2.2M

over a period of

16 days

Unplanned outage cost:

$200k
hardware/repairs

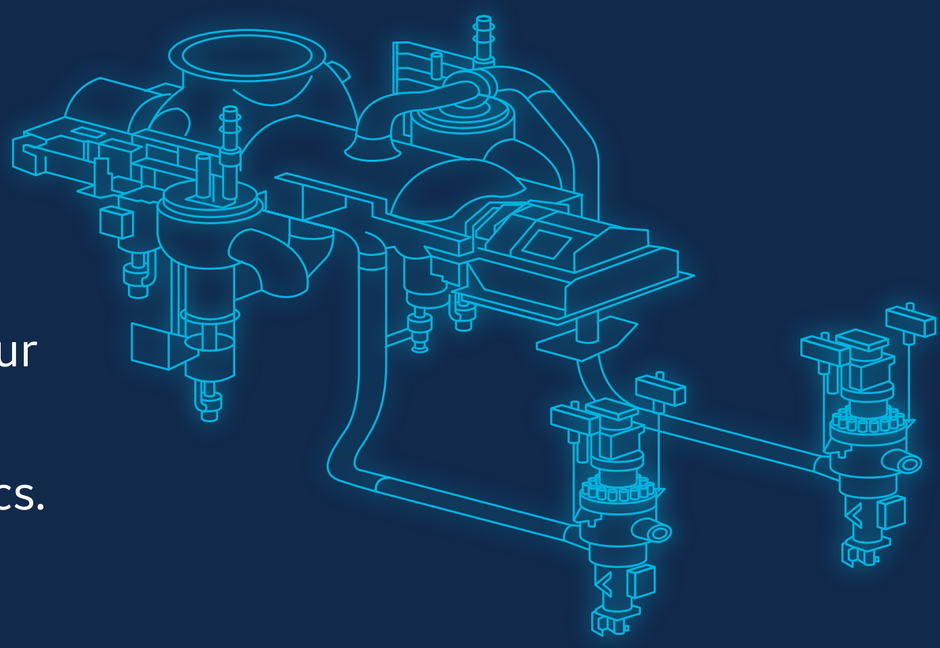
$580k
electricity purchased from the grid

$1.44MM
added fuel cost due to additional duct firing

But there's a better way: **GE's Next Gen ST Valve Technology**

Help stop problems... before they start.

GE's Next Gen ST Valves would have detected the anomaly that caused the forced outage. Protect your steam turbine's equipment by coupling hardware upgrades with advanced health monitoring analytics.



Expected ROI:

$1.8MM
gained by O&M cost avoidance + additional MWs generated by 2023

3 years

That's all it would take for the same company to see a return on an investment in GE's Next Gen ST Valves.