



Channel partner feature

Precision Pump & Valve

Rapid response helps southeastern Ohio power plant avoid startup delay after hydrotest over-pressure event

In December 2025, a 1,300 MW supercritical power plant in southeastern Ohio was preparing to return to service following a major planned outage. During the final stages of hydrostatic testing, an over-pressure event subjected several **Consolidated™ 1700 Series Maxiflow™ safety valves** to conditions beyond their operating parameters.

Facing potential delays because of standard lead times for replacement valves and with startup just days away, the customer turned to Eric Hunt and Jeremy Jones from Precision Pump & Valve, a Consolidated™ channel partner and Green Tag™ Centers service provider, for an emergency solution.

Customer challenge

Power plants are often required to perform hydrostatic testing during outages. This process involves pumping the system full of water to test pressure and discover leaks. During the customer's hydrotest, an over-pressure event and water exposure pushed several of the safety valves beyond their rated test parameters, resulting in cracked nozzle bushings. Going into an unplanned outage days before a startup during peak energy demand season carried the risk of reduced output and additional operational costs.

"We had just gone in during their outage period to overhaul all their valves, a standard practice in outage work," said Bart Collins, Corporate Vice President with Precision Pump & Valve Service, Inc. The Precision team received the call for help on a Thursday and dispatched a crew to assess the damage. Within a day, technicians discovered several valves that required replacement.

"Because we work with so many power plants, we stock some of these high-pressure safety valves that are already set, tested, and ready to go at our facility in Kentucky," Collins said. Precision had an identical valve in its inventory, but sourcing multiple replacements could take time the customer didn't have.

"The plant was scheduled to be back on the grid the following week and had no realistic path to get there without help," Collins said.

Solution

As a Green Tag Centers service provider, the Precision team jumped into action. After the on-site team completed the analysis of the valve damage on Saturday, Collins contacted Pedro Borbon Aguilar, Manufacturing Staff Director at the Baker Hughes Valves Technology Center (VTC), for assistance. Within hours, the Precision Pump & Valve and Baker Hughes teams were discussing technical requirements and inventory needs.

The Precision support team, consisting of Lucas Walz, Russell McKenzie, Jeremy Jones, Eric Hunt, and Collins, worked in collaboration with Karie Summers, Customer Order & Fulfillment Services Specialist; Mike Werner, Sales Staff Director – Channel Sales; and the VTC team. Together, the teams assembled, tested, machined, and prepared the replacement valves and spare parts for shipment before the end of the day Sunday. ➤

The team was able to respond quickly because the **Consolidated™ 1700 Series Maxiflow™** safety valves are part of the ValvFast™ program, which maintains an inventory of configurable trims and replacement valves to support urgent customer needs.

With around-the-clock effort and expedited delivery, the customer had the replacement valves and spare parts in hand by Tuesday, just five days after they contacted the Precision team and just in time to return to the grid on schedule.

“I’ve been doing this for over 32 years and I’ve never seen that done before in such a fully collaborative, short window critical path effort, and the customer stated they had never seen a vendor deliver like this in the amount of time we were up against,” Collins said. “Everything was a solid, coordinated effort. The whole team delivered. This was a clear example of what sets the Green Tag™ Centers program apart.”

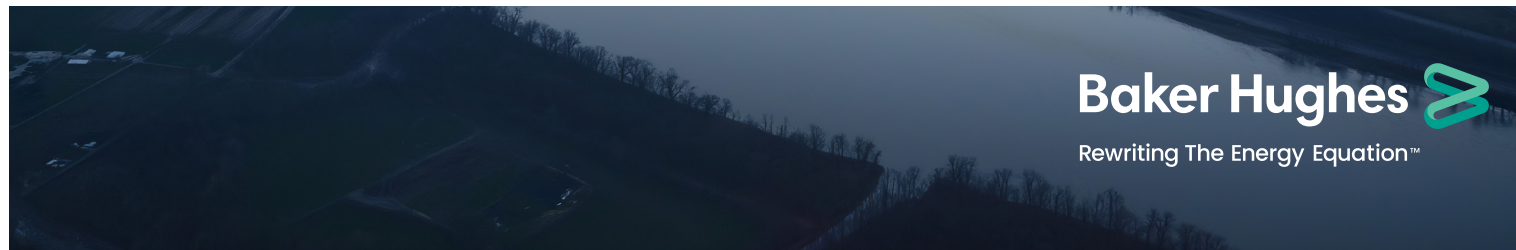
Results

- A 1,300 MW supercritical power plant in southeastern Ohio experienced an over-pressure event during hydrotesting that damaged several Consolidated 1700 Series Maxiflow safety valves
- The power plant was scheduled to return to service days after the final hydrotest
- Precision Pump & Valve, in coordination with the Baker Hughes team, delivered replacement valves and spare parts five days after the over-pressure event, enabling the customer to meet its scheduled startup date while outperforming standard lead times
- The customer installed the replacement valves and was able to resume operations on time, avoiding the possibility of reduced output and additional costs

This success story demonstrates Precision Pump & Valve’s application expertise and ability to quickly respond to urgent customer needs, as well as the effective and efficient cross-functional collaboration with the Baker Hughes team.



Consolidated 1700 Maxiflow



Baker Hughes 
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