

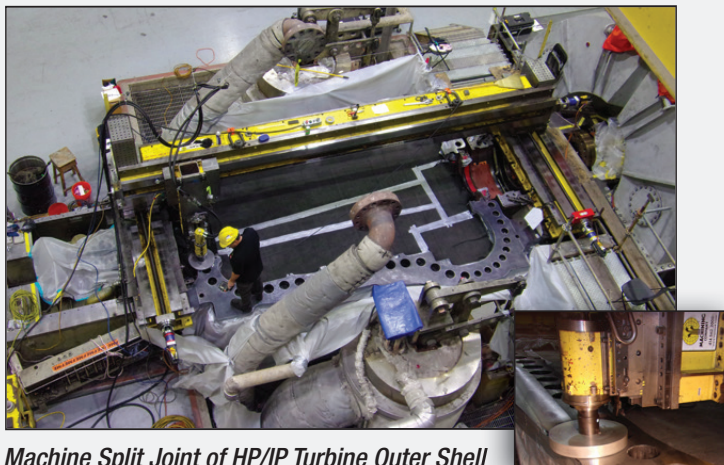


# On-Site Turbine Repair at Major Power Plant Keeps the Lights On

## IPM Completes Major Turbine Repair & Refurbishment Project at a Steam Electric Generating Station in Arizona

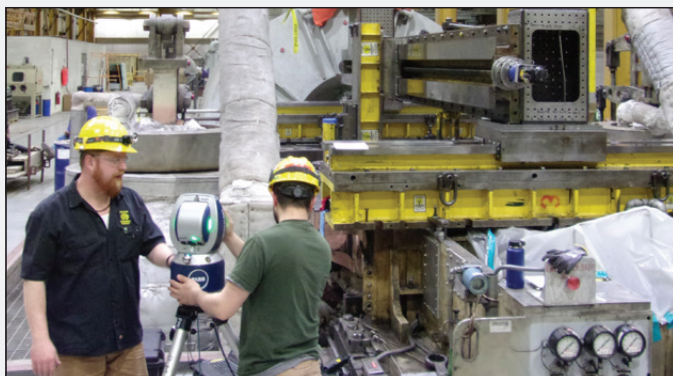
**Arizona** – In-Place Machining Company helped keep the lights on in Arizona with precision on-site machining critical components of a steam turbine. The **Field Machining** job consisted of Laser Tracker Measurement, Milling, and Line Boring of a 12' x 20' split joint on an HP - IP turbine outer shell.

**Unique Solutions to Demanding Jobs**— The split joint machining was completed with one machine tool setup custom designed and manufactured



*Machine Split Joint of HP/IP Turbine Outer Shell*

internally by IPM's engineers and machinists. This unique approach reduced the project duration, improved accuracy, and created a safer work environment. The successfully completed repair is another perfect example of IPM's expert **field machining**, custom machine tool design, and high precision measurement services.



*High Precision Laser Tracker Measurement On-Site*

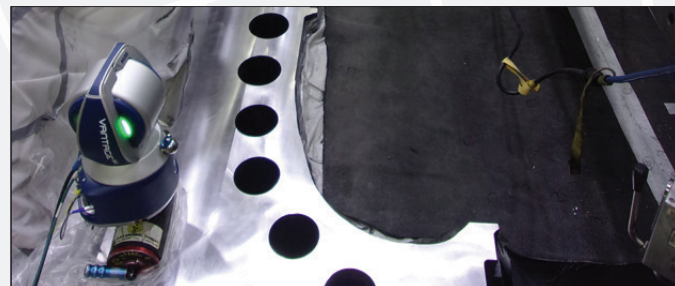


*On-Site Line Boring*

**On-Site Line Boring & Final Inspection**— After milling, the tight tolerance bore features in the interior of the casing were no longer round since material had been removed from the split line. Therefore, on-site line boring was required after milling. Finally, IPM's Laser Tracker was again used to verify after-machined condition.

**New Expansion Across North America**— With our recent expansion into the West Coast and Canada, IPM now has 5 regional locations in North America to better serve you. Our vast one-of-a-kind inventory of specialized portable

machining tools gives us capabilities unparalleled in the industry. While other field machining companies utilize out-of-the box, widely available components, our unique and expansive fleet of heavy duty, yet modular machine tools, in combination with our custom engineering capabilities and superior work force, combine to give us the ability to support jobs that few others can.



*Laser Tracker Measurement to Verify After-Machined Condition*

**Contact Us Today**— For more information on In-Place Machining Company's unsurpassed **turbine repair** and other power plant services, Call IPM at 414-562-2000 or visit [inplace.com](http://inplace.com).

QUALITY MACHINING  
IN-PLACE... ANY PLACE  
IN THE WORLD