

Case in Point: Eastlake Power Plant Ignitor Stands



Keeping the power on in the Northeast quadrant of the U.S. is a big job for the Eastlake Power Plant. This major supplier to the power grid uses a series of generation systems which require instant ignition to meet changing demands.

Time, exhaustive use and repetitive wear creates concern for the 28 ignitor units used at Eastlake. Previous replacement projects caused congestion and operational problems with on-site construction crews. Deadlines had been missed before. There had to be a better way...



The Special_D Solution

Dunbar suggested using our CAD systems and Production Fabrication Facility to eliminate job site congestion, ensure accuracy and guarantee completion times.

While all 28 ignitors are not alike, many similarities exist. The most important common attribute is the fact that there were just a few actual connections to the boilers. The solution Dunbar proposed was met with enthusiasm — build the complete ignitor stand assemblies within a framework which would allow shipment to and subsequent installation at the site.

Precision is the key and Dunbar placed a CAD technician at Eastlake's plant to create a computerized version of the existing ignitor stands as they service the units. This unprecedented service ensured exact measurements and precise modelling.



Personnel Resources

Project Management



Results

The best ignitor stand replacement project experience in Eastlake history, saving 17% of FirstEnergy's budget for the project.

great time and money saving experience for customer

Completed on time

without interruption to the power grid

Shrink-wrapped assemblies delivered for easy, precise installation by Eastlake personnel

fitting cleanly and comfortably into Eastlake's operational schedule by their maintenance crews

Your Special_D Contractor