

After



Before



300 MVA Auto Transformer Refurbishment for Utility in Newark, New Jersey

PROJECT SCOPE

Complete refurbishment of 300 MVA 230kV–138kV auto transformer with a UTH load tap changer and three oil compartments: transformer, selector switch and tap changer. All work was to be completed while the transformer was out of service for approximately five weeks.

PROJECT DETAILS

- Furnish and replace the following components:
 - 4 - Galvanized Unifin Coolers/Fans
 - 3 - 230kV Bushings
 - 3 - 138kV Bushings
 - 4 - Cooling Pumps
 - 8 - Flapper Cooling Valves
 - 1 - Auto Recharging Dehydrating Breather
- ALL devices including LLG, PRD, PVD, all temperature gauges, ball valves, fan and pump power and control wires, conduits and components
- Regasket all transformer openings; supply and field cut all gaskets
- Paint entire transformer
- Perform inspection of the UTH LTC; replace all gaskets
- Replace oil in the LTC
- Internal inspection
- Re-wedging of coils
- Fullers Earth oil reclamation
- Complete dryout and vacuum processing

KEY ISSUES & SOLUTIONS

Waukesha® Service bid competitively to provide the refurbishment services requested. The proposal took three weeks to prepare, in-depth details of our scope and methods were discussed and SPX Waukesha was awarded the project after participating in a series of technical interviews and offering several value engineering options.

For more information on this job or the full range of services offered by SPX Transformer Solutions, please contact us at **800-758-4384** or visit www.waukeshaservice.com.

PROJECT WAS COMPLETED ON-TIME AND ON-BUDGET.

Emergency Service
Available 24/7/365:
800-365-24X7