



Transforming The Future Of Power Technology

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CONSULT FACTORY WITH DETAIL REQUIREMENTS OR REQUEST TECHNICAL DIALOGUE

NWL Field Service Capabilities

Transformer/Rectifier Services

- Inspection
 - Inspect LV and HV bushings
 - Inspect external gauges (temp & level)
 - Check for oil leaks
 - Inspect exterior paint condition
 - Perform megger test when feasible
 - Collect oil samples for **Dissolved Gas Analysis** (DGA)
 - Check ground connection points
 - Tighten all connections as necessary
- On-site repair
 - Replace gauges
 - Replace HV and LV bushings
 - Repair leaks, as feasible
 - Replace cover clamps
 - Replace rectifier
 - Replace voltage divider networks
 - Replace Air Core Reactor (ACR)
 - Filter HV transformer oil
- Training
 - T/R set operation
 - Corrective maintenance

PowerPlus™

- Inspection
 - Check interior and exterior for unusual wear or damage
 - Verify software revisions and upgrade as needed
 - Tighten all connections as necessary
 - Check unit for proper grounding
- On-site Repair
 - Replace controller components
 - Replace tank section
 - Replace HV rectifiers
 - Upgrade firmware revisions
- Training
 - Switchmode design and operation
 - Troubleshooting techniques
 - Repair and Maintenance
- Supervise and assist new equipment start up
 - Verify proper installation and grounding
 - Adjust controls for optimal particle collection



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Controllers

- Inspection
 - Calibrate the unit
 - Verify arc and spark response
 - Verify software revisions and upgrade as needed
 - Check unit for proper grounding
- On-site Service
 - Recalibrate controllers
 - Retrofit NWL controllers into competitive enclosures
 - Replace defective controller items
 - Supervise installation and start-up of the following:
 - **GRC** (Graphic Rapper Controller)
 - **PCAMS** (Precipitator Control and Monitoring System)
 - **GVC** (Graphic Voltage Controller)
- Training
 - Arc and Spark Control
 - Overview of Controller features and functions