

Load Tap Changer Field Retrofits

TURNKEY INSTALLATION SERVICE AVAILABLE TO MODERNIZE EXISTING INSTALLATIONS

SPX Transformer Solutions offers complete turnkey field retrofits of most existing reactance bridging load tap changers to vacuum-type Reinhausen RMV-II's. In only three weeks of downtime or less, go from older technology LTCs to updated controls and vacuum technology.



WHY UPDATE YOUR LTC

According to statistics, LTCs are the second leading cause of transformer failures. Updating an older, reactance bridging transformer can accomplish the following:

- Reduce maintenance costs and fix issues with obsolete parts
- Help with the loss of LTC expertise in dealing with out-of-production models
- Improve LTC monitoring and voltage control
- Reduce future downtime

ADVANTAGES OF FIELD RETROFITTING YOUR LTC

Performing modifications to an LTC in the field has many advantages:

- Reduction in outage duration
- Elimination of the need to return transformer to repair shop, thereby saving time, money and potential damage during transit
- Reduction in the amount of labor required to make upgrades to the transformer

RETROFIT EXPERIENCE ON THESE MODELS

- GE LRT-200
- Westinghouse UVT, URT, UTT
- McGraw-Edison 550
- Allis Chalmers TLH-21
- FPE TC25, TC46, TC525, TC546
- Ferranti Packard 25RT32



WHY USE SPX TRANSFORMER SOLUTIONS FOR YOUR LTC UPGRADE

Design Experience

- Pre-engineered controls, electrical and mechanical design capabilities (including 3D modeling)
- Original design information access for cable sizing, reactor modifications and clearance information
- Field surveys and drawing verification
- Condition assessment assistance to confirm asset viability

Field Experience

- Over 65 RMV-II LTC retrofits completed since 2004
- Modular installation of pre-kitted retrofit assemblies to optimize installation time and ensure highest quality
- Trained and dedicated crews and equipment perform these specialized services
- Dedicated, professional project management from design to construction

Manufacturing Support

- Experienced production of pre-kitted retrofit assemblies
- Ability to fabricate modified reactors and insulation packages and perform tank modifications prior to and/or during installation
- Floor stock of critical components should unexpected conditions surface

ADDITIONAL SERVICES

While your transformer is being retrofitted, SPX Transformer Solutions can offer other support services, including testing, oil processing/dryout, preventative and corrective maintenance as well as component replacement to ensure the most value for your outage dollar. Our highly trained technicians offer years of industry experience and an outstanding field service record for professional handling of your service needs.



CALL 800-758-4384

VISIT www.waukeshaservice.com

SPX TRANSFORMER SOLUTIONS

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Emergency Service Available 24/7/365: 888-365-24x7