



RMS ENERGY

ENERGIZING THE FUTURE THROUGH RELIABLE POWER SOLUTIONS

Transformers are the single most important part of any power system. Transformers that are improperly installed or lack a preventive long-term maintenance routine can risk failures that lead to excessive downtime and costly repairs. Any power facility with a transformer must seek regular and reliable large power transformer and substation equipment field service.



TRANSFORMER INSTALLATION

- ⚡ Transformer assembly
- ⚡ Oil processing, vacuum filling, heating, and circulation
- ⚡ LTC and control wiring
- ⚡ Pre- and post-electrical testing



The key to operating a transformer at peak efficiency is routine maintenance.

TRANSFORMER ELECTRICAL TESTING

- ⚡ Complete electrical testing as defined by IEEE and NETA
- ⚡ Megger testing
- ⚡ Winding resistance
- ⚡ Power Factor
- ⚡ Transformer Turn Ratio
- ⚡ Leakage reactance test
- ⚡ SFRA



Baseline and diagnostic testing are essential to transformer operational efficiency.

TRANSFORMER SOLUTIONS

TRANSFORMER MAINTENANCE AND REPAIR

- ⚡ Repairs on all OEM transformers
- ⚡ Repairs of load tap changers (repairs, services)
- ⚡ Testing
- ⚡ Oil processing (5 rigs nationwide)
- ⚡ Complete regasketing
- ⚡ Bushing and gauge replacement
- ⚡ Radiators, coolers, pumps, fans
- ⚡ Replace fluids (mineral oil, FR3, Luminol)



A complete maintenance and repair plan will ensure a longer life of any transformer.

HIGH VACUUM OIL PROCESS AND TRANSFORMER DRY OUT SYSTEM

RMS Energy uses the Baron system, a vacuum oil purifier for use with transformer oil and other dielectric fluids. It is self-contained and can be parked close to the oil and transformer to be processed. The onboard diagnostic system allows for continuous measurement and monitoring of the system's performance.



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