

# TRANSFORMER 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 (Multiple 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.



To visit our website, scan the QR code with your mobile device.