RMS ENERGY
NETA ACCREDITED COMPANY

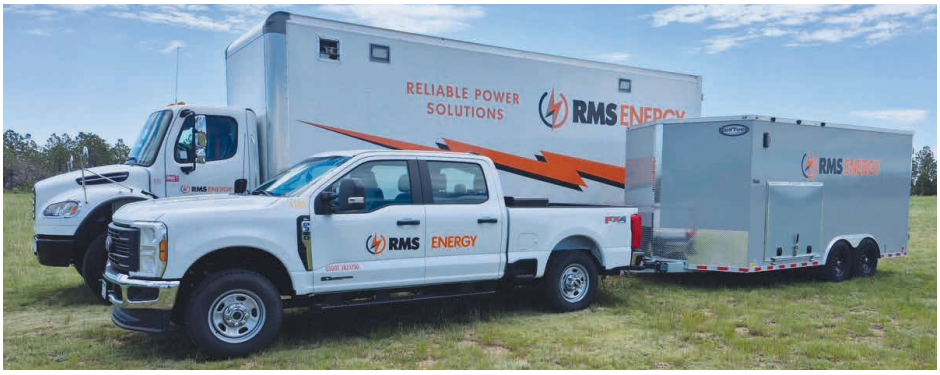
TRANSFORMER SOLUTIONS

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.

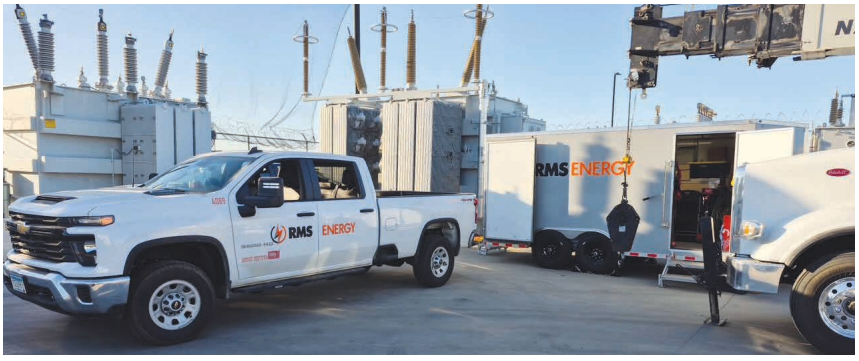
Transformer Installation

- 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.



Baseline and diagnostic testing are essential to transformer operational efficiency.



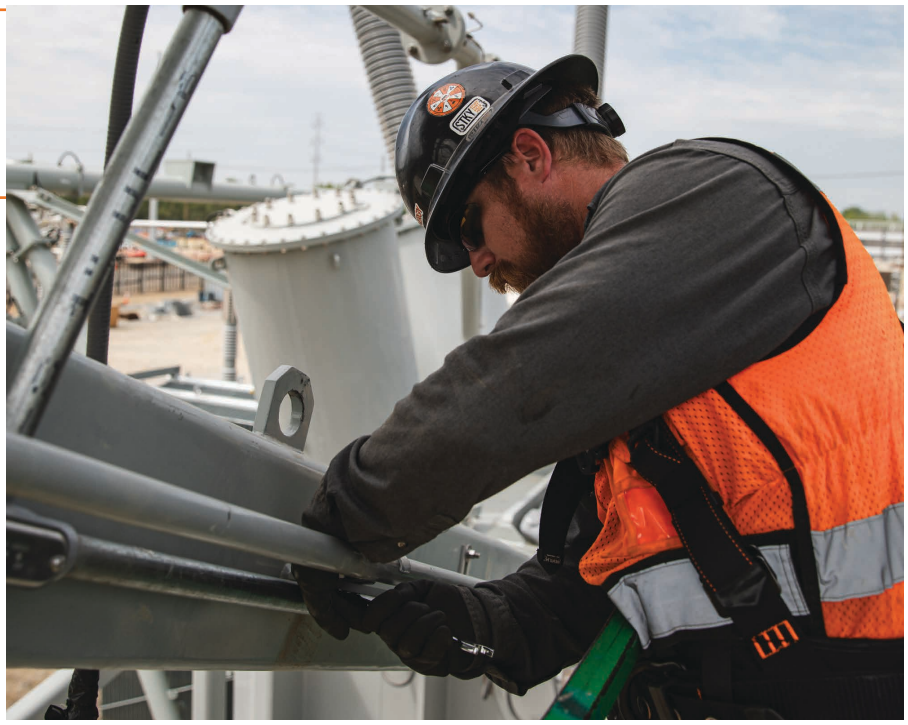
Transformer Electrical Testing

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

TRANSFORMER SOLUTIONS

Transformer Maintenance and Repair

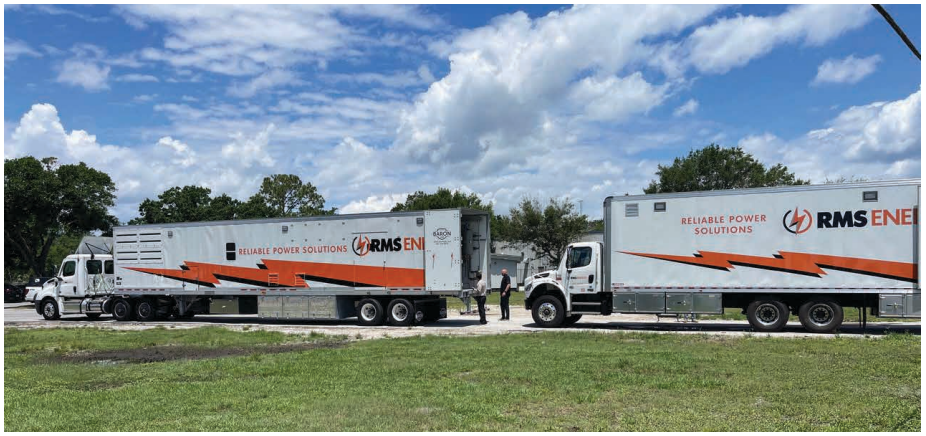
- Repairs on all OEM transformers
- Repairs of load tap changers (repairs, services)
- Testing
- Oil processing (Multiple rigs nationwide)
- Complete regasketing
- Bushing and gauge replacement
- Radiators, coolers, pumps, fans
- Replace fluids (mineral oil, FR3, Luminol)



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.



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