YOUR PARTNER AND CONSULTANT FOR PRECISE CONDITION ASSESSMENT AND COST-EFFECTIVE MANAGEMENT OF YOUR TRANSFORMER FLEET.

YOUR CHALLENGES

- Increasing average transformer age
- Increasing loads due to the integration of renewable energies
- Changing regulatory specifications
- Missing information about equipment condition
- Efficient and secure transformer operation required over the entire life cycle
- Increasing pressure regarding costs and availability of assets

OUR SOLUTIONS

- Individual and cost-efficient data collection
- Concise overview of the condition of your entire transformer fleet
- Identification of critical units before problems arise
- Two-dimensional approach (failure risk index and lifetime consumption index)
- Clear and prioritized recommendations allowing budget and resource allocation
- Central document management with continuous access
COLLECTING AND ASSESSING DATA

LEVEL

1. Transformers in operation
   Available information

2. Transformers in operation
   Visual inspection, oil analysis, IR thermography

3. Transformers out of operation
   Electrical measurement

DATA ASSESSMENT

1. Selection of units with suspicious conditions as well as candidates for life-extension measures
   - Data insufficient
   - Data sufficient

2. Further observations regarding aging and unit condition
   - Data insufficient
   - Data sufficient

3. Complete fleet screening
   - Data insufficient
   - Data sufficient

4. Clustering and sampling
   - Data insufficient
   - Data sufficient

FLEETSCAN 2D – YOUR FLEET AT A GLANCE.

- Failure risk index reflects the short-term perspective and addresses the OPEX budget
- Lifetime consumption index reflects the long-term perspective and addresses the CAPEX budget
- Recommendations and action plans
- Condition-based maintenance strategy
- Refurbishment and life-extension measures
- Strategic replacement rather than age-driven replacement
- Investment scenarios

CLIENT-FOCUSED SOLUTIONS

For optimal performance throughout the entire transformer lifetime.

- HEALTH MANAGEMENT: sustained solutions
- LIFE MANAGEMENT: acute solutions
- PERFORMANCE MANAGEMENT: all-in solutions

- 6,000+ yearly service jobs worldwide
- 100+ years experience in the design of crucial transformer components
- 280 qualified service technicians
- 5 certified training centers
- 24/7 ready for onsite support
- 60+ years of service history
- 24 months warranty on our services

CONTACT US AT: SERVICE@REINHAUSEN.COM

THE POWER BEHIND POWER.