

HICO America Transformer Service

HICO America offers field service solutions to help customers optimize performance of transformers and shunt reactors. HICO's service package includes inspections, trouble shooting, routine and preventative maintenance on units no longer covered by the original manufacturer's warranty.

Inspection

- Expert analysis of any power transformer or shunt reactor
- Detailed report provided outlining unit condition

HICO's transformer expert will analyze and assess the overall condition of any HICO or other OEM unit during routine outages. Once a transformer or shunt reactor has been evaluated, HICO will provide a detailed evaluation report. Our team of experts can perform any required service on these units and discuss with our customer a potential extended warranty program. HICO's reputation as an honest and transparent partner gives our customers peace of mind that we stand behind all HICO products and expert technical services.

Maintenance

HICO's team of experts can perform a variety of maintenance work on all transformers and shunt reactors

Testing

HICO's field testing service options allow us to diagnose the health of the unit and provide the customer with full test reports. Our test capabilities include the following -

- Megger test of core and core frame as well as functional test of wiring circuits
- Test all CT's (ratio, polarity, Megger and excitation curves)
- Power factor test on transformer windings, bushings, arrestors and oil
- SFRA test
- Leakage reactance test
- Winding resistance tests & single-phase excitation tests
- Transformer Turns Ratio (TTR) test on all taps
- Calibration of oil and winding temperature gauges
- AC voltage phase rotation test
- Functional test on cooling circuit and components, protective relays and alarms
- Functional tests on LTC & any installed monitoring equipment if equipped
- Installation of bushing stud connectors and confirm torque of all connections
- Fluid leak check
- Additional tests are available



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