

GENERATOR FIELD SERVICES



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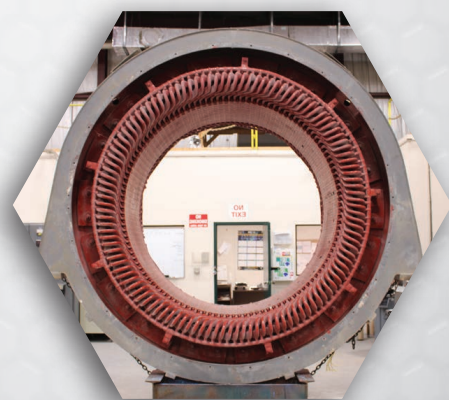
- Inspections
- NDT on-site or in-shop
- Collector Ring Grinding on-site or in-shop
- Vibration analysis/balancing
- Laser alignment
- Flux probe/RTD/TC installation



CALL ON TAW EXPERTISE TO KEEP YOUR GENERATORS WORKING AT TOP EFFICIENCY.

It's a well-known adage in business: quality and efficiency are cost-effective ways save your bottom line and keep production moving forward. TAW field technicians are always on the road finding solutions to equipment problems that halt production. Our teams can provide an in-depth diagnosis of your equipment's status and outline steps to ensure that it stays up and running. Whether on-site or in our service centers, you can trust TAW's generator experts to repair and maintain your utility generators — keeping them running at top efficiency. Our team of engineers and mechanics have years of experience and are certified to work on all large generators. Anywhere. Anytime. Any size.

SERVICING THE CARIBBEAN AND LATIN AMERICA



A TRADITION OF INTEGRITY

Founded in 1921 by J. Arthur Turner, Sr. and three associates, TAW began its history of excellence by hiring dedicated service professionals and expert craftsmen in the field of electric motor repair and service. The company has carried this core belief of employing the best, in order to provide comprehensive repair services through expertise and knowledge. The standards and level of quality at TAW are simply unmatched in our industry. Our motto – then and now – is “Industry’s Friend.” And though both the industry and our business model have evolved, all our customer transactions are still based on the principles of quality, value, honesty and integrity.



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TAWPGPAM

LARGE UTILITY TURBINE GENERATOR MAINTENANCE

Anywhere. Anytime. Any Size.



Your Ultimate Power Partner.



POWER GENERATION SERVICES

MAINTENANCE, REPAIR AND FABRICATION OF STEAM, DIESEL, NATURAL GAS, AND BIOGAS TURBINE GENERATORS

When it comes to maintaining, repairing or even fabricating Large Turbine Generators, make TAW® Miami Service Center is the first stop. Whether the prime mover is steam, diesel, natural gas, or biogas turbines, reciprocating engines are our area of expertise. We even specialize in wind and hydro-powered generators of all sizes and types. From high-speed two-pole generators to multipole slow-speed generators, our experience and engineering excellence is world-class. Our team of technicians is ready to work on your equipment 24/7.

ELECTRICAL & MECHANICAL TESTING

- IEEE testing including AC/DC Hi Potential
- Leak testing of hydrogen seals
- Core iron evaluation
- EL CID (Electromagnetic Core Imperfection Detector)
- Full flux loop testing
- Insulation power factor testing
- Digital and acoustic wedge tightness testing
- Resonant end winding frequency (bump test)
- Rotor pole balance
- Core tightness checks
- Insulation and winding resistance
- AC impedance
- RSO (Repetitive Surge Oscilloscope)
- Nondestructive examination
- Rotor degaussing
- Flux probe installation

TAW TECHNICIANS ARE READY TO GO TO WORK AT A MOMENT'S NOTICE TO SERVICE ANY INDUSTRIAL GENERATOR IN THE U.S., OVERSEAS, OR JUST ABOUT ANYWHERE IN THE WORLD.

TAW engineers and technicians have a proven track record of excellence, and can service your on-site inspections, repairs, or complete stator rewinds as needed.

ROTOR/STATOR REPAIR

- Partial or complete rewinds up to 13.8 kV
- Collector ring re-insulation, manufacturing
- Replacement of main leads, radial studs
- Retaining ring removal/replacement with state-of-the-art induction heat equipment
- Retaining ring forging supply and finish machining
- Bracing and blocking repairs
- Rotor coil straightening or replacement
- Stator coil/bar replacement
- Stator core restack
- Stator core re-insulation
- Corona, partial discharge mitigation
- High voltage bushing tests and repairs
- Bar abrasion repairs
- Stator re-wedge
- Dynamic and high-speed balance
- Exciter testing, overhauls and rewinding
- PD couplers

FOR MORE INFORMATION CALL
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TOLL-FREE 800-262-3623
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