

CIRCUIT BREAKER SALES CO., Inc.

A Group CBS Company

New, Surplus, and Remanufactured Power Distribution Equipment and Replacement Parts
Shop Repair, Reconditioning, and Life-Extension Services | On-site Emergency/Disaster Repair and Recovery Services



CIRCUIT BREAKER SALES CO., INC.,

a **Group CBS company**, specializes in the sale and service of low- and medium-voltage circuit breakers and other electrical power distribution equipment. From our modern 200,000-square-foot facility, we provide new, surplus, obsolete, and remanufactured electrical equipment and replacement parts from the largest inventory in the U.S.

Our inventory includes thousands of low- and medium-voltage circuit breakers – virtually every type manufactured in the U.S. since World War II. We will rent just about anything in our inventory.

We also have millions of replacement parts in stock. Our experienced engineers and technicians can supply you anything from a circuit breaker charging spring to a complete unit substation, either new, surplus, or remanufactured — and do it fast!

Life-extension services are our specialty. By utilizing the latest technologies, coupled with our many years of experience and modern shop facilities, we can cost-effectively upgrade your apparatus via retrofit, refit, or matching existing lineups.

Quality is free at Circuit Breaker Sales! Circuit Breaker Sales is ISO 9001:2008 certified. We have comprehensive quality-assurance procedures and full electrical-testing capabilities, including an in-house 200kV impulse generator to test BIL withstand. Circuit Breaker Sales is also ISO 14001 environmentally certified.

Circuit Breaker Sales is a charter member of PEARL - the Professional Electrical Apparatus Recyclers League, a member of RIC - Remanufacturing Industries Council, and an involved member of NFPA, NETA, IEEE, MERA, and many other organizations.

As the Group CBS flagship company, we provide you access to the industry's largest inventory of low- and medium-voltage apparatus and parts, plus on-site service and comprehensive shop repair, remanufacturing, and life-extension capabilities.

For shop and on-site field servicing of Class 1E safety-related low- and medium-voltage switchgear and circuit breakers, contact our affiliate CBS Nuclear Services, Inc.

- **Circuit Breakers**
- **Switchgear**
- **Motor Controls and Contactors**
- **Load-Break Switches**
- **Protective Relays**
- **Power Transformers**
- **Renewal and Replacement Parts**
- **Electrical Equipment Shelters**
- **Remote Racking and Switching Systems**



SHOP SERVICES

Life Extension/Retrofit/Retrofill

CBS' life-extension programs will extend the useful life of your obsolete switchgear, motor controls, and circuit breakers. This includes raising interrupting capacity, increasing equipment reliability, matching your existing switchgear lineup, providing solid-state trip units, and offering retrofit and retrofill solutions. We can help you get even more value out of your switchgear investments.

Our capabilities include:

- Upgrade your low-voltage circuit breakers by retrofitting them with a solid-state trip unit.
- Upgrade low-voltage circuit breakers with vacuum interrupters to increase life in motor-starting applications.
- In many situations, we can install a retrofit kit that will replace your obsolete low-voltage power circuit breaker with a modern insulated case circuit breaker, which has a higher interrupting capacity and modern solid-state electronics.
- Medium-voltage motor control can be upgraded with a new GE Multilin motor relay.
- Low-voltage motor control buckets can be replaced with our UL-listed replacement products.
- Large low-voltage motor control can be retrofitted with vacuum interrupters to extend their life.
- Replace your obsolete medium-voltage breaker and drawout cell assembly by installing our retrofill modules that will provide you with a new breaker and cell.
- Upgrade or replace your discontinued medium-voltage circuit breakers with vacuum roll-in replacements.
- Retrofit your obsolete medium-voltage air circuit breaker with a vacuum circuit breaker that has the same truck assembly.
- Install replacement cast-resin power transformers.
- We can provide a matching switchgear lineup to add feeders to an obsolete substation.



Remanufacturing/Reconditioning/Repair

Depending on our customers' equipment needs, CBS provides a range of remanufacturing, reconditioning, and repair services for all types of electrical equipment. Our remanufacturing services include the disassembly, visual and mechanical evaluation, component replacement or reconditioning, testing both before and after the remanufacturing process, all standard maintenance procedures as dictated by the OEM, and full documentation of test results and equipment performance after the remanufacturing process is completed. This ensures that your equipment will perform as well or better than it did when it rolled off the assembly line.

ELECTRICAL ENGINEERING

Our electrical engineering department can design hardware to upgrade and retrofit your existing switchgear, design matching switchgear for expansion projects, and reverse engineer hard-to-find, obsolete, and foreign equipment. Our engineering staff has hundreds of years of combined experience designing switchgear, panelboards, and motor control centers for applications ranging from indoor installations to outdoor and safety-rated nuclear gear. Using our state-of-the-art design facilities — which include 3D printing, fast prototyping, coordinate measurement machines (CMMs), and HAAS lathes — along with our in-house metal fabrication and manufacturing centers, Circuit Breaker Sales' engineers can quickly design and manufacture any replacement part or specialty gear you need — without the long lead times common to larger OEM suppliers. When you need controls, circuit breakers, and switchgear rated up to 38kV, give Circuit Breaker Sales a call. Night and day, weekends and holidays, we are here to help.

