

Replacement GE7700 Motor Control Center Buckets

The Westinghouse Solution

Westinghouse designs and qualifies MCC bucket replacements to meet our clients' original qualification basis in mild or harsh environments. Components undergo thermal/radiation aging, seismic, HELB/LOCA, and electro-magnetic compatibility qualification testing at a Westinghouse facility in order to provide parts that will perform according to their intended safety functions.

Westinghouse is the industry-leader in tackling obsolescence challenges. We have retrofitted numerous non-original Westinghouse designs and developed a compatible and qualified substitute for the GE7700 MCC bucket. The old GE7700 bucket can simply be removed and replaced with the qualified Westinghouse bucket.

Customer Benefits

Minimizing time from receipt inspection to installation, Westinghouse has the ability to:

- Set breakers and overload relays specific to plant requirements.
- Provide terminal block numbering and labeling specific to plant requirements.
- Offer field advisory support during installation.
- Provide pre-wired and labeled field wiring harnesses for auxiliary connections.
- Offer witness testing to eliminate the need for onsite duplicate testing.

Additionally, Westinghouse utilizes common parts across the MCC bucket lines to drive down cost while managing obsolescence.



Deliverable

- Westinghouse customers will receive a like for like MCC bucket with performance and test data upon final delivery.
- Test and performance data include a certified factory acceptance test report and qualification data package.



<https://info.westinghousenuclear.com/westinghouse-parts-business>

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New Stanton, PA 15672
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Westinghouse Parts Business

Why Westinghouse

Westinghouse technology is fundamental to nearly 50% of the world's nuclear reactors. Now, that same trusted expertise is delivering the services and parts to meet the needs of 100% of the **nuclear plants across the globe.**

Experience

Westinghouse has more than 40 years of operating experience and is the original equipment manufacturer for MCC replacement buckets, custom designs and upgrades.

- Westinghouse MCC replacement buckets are tested through our rigorous 10 CFR 50 Appendix B quality assurance program.
- Westinghouse performs rigorous testing and inspection on every component within each MCC bucket.
- Westinghouse MCC replacement buckets are qualified for harsh environments per IEEE 323-1974.
- Westinghouse performs the environmental qualification at the Westinghouse New Stanton facility.
- Westinghouse engineers and technicians have more than 50 years of experience providing electrical equipment for safety-related applications in the nuclear industry.
- Westinghouse has successfully delivered replacement buckets for both PWR and BWR nuclear power plants.

From small to large

Whether your project involves new construction or existing equipment, for a nuclear plant or a government facility, Westinghouse provides high-quality, nuclear-qualified solutions and products that meet the original design and qualification of your plant.

Global to local

Our cost-effective, high-quality, nuclear-grade replacement parts provide global operators of various reactor designs with solutions for electrical, mechanical, and instrumentation & control systems.

From Westinghouse's proprietary innovations to designs around the world

Westinghouse has a rigorous commercial-grade dedication process and a robust quality assurance program for detecting and monitoring counterfeit, fraudulent and suspect replacement parts and components. And our industry-leading experts are available 24/7 to support your plant needs.



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