



Presentation

Nice to meet you! We are Bree

Our name is short, but our journey has been long and consistent. For over 35 years in the market, we are the Brazilian company with the best technology in reactive power compensation equipment and solutions in Brazil.

We are proud to say that we are 100% Brazilian and have our own manufacturing plant and laboratory located in the state of Paraná. As a result, we guarantee a completely domestic production, with no intermediation and with equipment that leaves our premises already tested and certified.

We work on four fronts of energy quality: production of medium- and high-voltage capacitors, reactors, reactive compensation solutions, and harmonic filtration.

We are also a company certified according to the ISO 9001, ISO 14001, and ISO 45001 standards, as well as have the Selo Clima Paraná seal under the B category. We seek to become a role model in high-technology solutions and products and at the same time be a sustainable company engaged in environmental protection.

Discover Our Solutions

At Bree, we join product engineering and application engineering together to create quality electric power solutions for low, medium, and high voltage. Bree's solutions meet the characteristics of each electrical system analyzed, which makes them assertive and efficient, meeting its actual need.

Our solutions enable a reduction and/or postponement of investments in electrical installations as they increase their service life and often cause a reduction in electric power bills, as well as release systems so that they can provide higher energy efficiency.

We have a dedicated team of engineers and technicians who are qualified and trained to analyze, diagnose, and provide the best solution for manufacturing companies, concessionaires, energy transition companies, and many others.





Solutions

A Few Solutions We Have Developed

Shunt Tuned Harmonic Filter

Bree's filter provides:

- Power factor correction;
- Voltage control;
- Reduced technical loss;
- System capacity release;
- Elimination of critical resonances;
- Harmonic filtration;
- Reduced harmonic voltage distortion.

Shunt De-Tuned Capacitor Bank

Bree's solution with a De-Tuned Capacitor Bank provides:

- Power factor correction;
- Voltage control;
- Reduced technical loss;
- System capacity release;
- Elimination of critical resonances.

Shunt Capacitor Bank

A complete solution that provides:

- Power factor correction;
- Voltage control;
- Reduced technical loss;
- System capacity release.

Reactor Bank

Bree's Reactor Bank provides:

- Voltage control;
- Power factor correction for capacitive loads.

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 @bree.energy

  Bree - Brazilian Energy Efficiency

Our Services

Bree also has a service department and conducts diagnoses of electric power quality, such as:

- Power and harmonic measurements;
- Measurements of short-duration voltage variations;
- Remote monitoring;
- Power quality study – load flow, harmonic flow, power factor correction;
- Voltage and switching transient control and solution sizing;
- Turn-key assembly – covering all stages from equipment production to on-site installation;
- Assembly supervision;
- Retrofitting;
- Commissioning;
- Startup.

Our Own Laboratory

Bree has its own laboratory that allows it to conduct all routine and type tests for capacitors. It also serves all the reactor testing for up to 550kV BIL and all routine testing for Bree vacuum and air load-break switches.

As a result, Bree is capable of conducting testing for all the parts of its solutions, assuring good-quality production and a reliable supply.

