



The Exhibition for Electrical Infrastructure  
and Energy Management  
EXPO CENTER NORTE, SÃO PAULO, BRAZIL

**AUG  
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2020**

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## | REASONS TO EXHIBIT

- Brazil's demand for electricity has increased almost 200% in 30 years
- Intelligently and efficiently controlled energy management systems are needed to guarantee supply safety
- Strong growth of the sector in the next years and decades is expected
- Meet more customers and prospects and build your network
- 4 events covering topics of the new energy world under the umbrella of The smarter E South America: Eletrotec+EM-Power is co-located with Intersolar South America, ees South America, and the special exhibition Power2Drive South America

## | EXHIBITOR PROFILE

- Manufacturers and suppliers of plants for the efficient/renewable generation of power, heat & cooling
- Manufacturers and suppliers of systems and plant engineering
- Smart home/building systems providers
- Providers of building automation and energy management/controlling
- Providers of software for energy & facility management systems & solutions
- Wholesalers and retailers
- Project developers/EPC (plant engineering)
- Energy suppliers and utilities/energy service providers
- Contractors and financial service providers

## | PRODUCT CATEGORIES

### **Systems and Plant Engineering**

- Heat storage tanks/storage technology/systems (thermal)
- Heat/cooling transfer systems
- Efficient pumps/distribution systems
- Generators and emergency power systems
- Compressors and compressed air
- Air-conditioning, cooling and ventilation technology
- Other efficiency technologies (e.g. LEDs)

### **Energy Management/Building Automation**

- Energy management, monitoring and controlling
- Instrumentation and control engineering
- Smart submetering
- Building automation and sensor technology (smart homes/buildings)
- Smart factories

### **Software for Building Design and Facility Management**

- Building services equipment
- Building management systems (BMS)

- Computer-aided facility management (CAFM)
- Other IT, communications and organization software

### **Energy Services**

- Energy contracting
- Demand response management
- Energy procurement and contract management
- Auditing and compliance

### **Electrical Engineering – Components and Services**

- Electric drives
- Electromagnetic compatibility
- Industrial & public lighting
- Building and industrial MV/LV installations
- Lightning protection systems
- Installations for hazardous locations (Ex)
- Aerial distribution networks
- Underground distribution networks
- Fire safety

## ENERGY EFFICIENCY CAN GENERATE \$260 BILLION IN BRAZIL

In order to guarantee supply safety, profitability and sustainability, decentralized energy systems must be intelligently and efficiently controlled and connected with each other. Energy management systems significantly help to enhance efficiency and save energy, to raise the on-site consumption of self-generated energy, and to ease the burden on the power grids. Brazil has extensive opportunities for energy efficiency. According to the Energy Research Company, the country could save about 23 TWh by 2020. The analysts estimate a volume of about US\$260 billion for the Brazilian energy efficiency market in the same period.

Flexibly operated cogeneration systems will ideally complement the fluctuating supply of renewable energy from photovoltaics and wind. The comprehensive expansion of these systems is therefore essential to help build an efficient, climate-friendly and sustainable electrical energy and heating supply system, thus enabling municipalities and municipal utility companies to fulfill their duty of public service and safeguarding supplies.

The housing and real estate industry is meeting the requirements of sustainably supplying buildings with electricity and heat, and industry and commerce are shrinking their carbon footprint, reducing energy costs, and even contributing to grid stability.

Brazil in particular is hunting for comprehensive solutions for LV/MV electrical infrastructure. In this context technologies and solutions for distributed generation, urban grids, street lighting, installations for building and industrial facilities are in focus. Tailor made solutions for professionals and companies working in design, assembly and maintenance of LV/MV electrical infrastructure are of high interest. Spotlights are on distributed generation from renewable sources, overhead and underground grids, converter substations, street lighting and installations for building and industrial facilities.





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