



ESPE
Energy Expertise

INDUSTRIAL ELECTRIC PLANTS



Strategic energy for your growth


Experience, dependability, innovation: in a continued growth since 1974, at ESPE we specialize in the realization of highly efficient and innovative industrial electric systems, along with being among the main Energy System Integrators on a national level.

Industrial electric infrastructure, photovoltaic solutions for businesses and families, hydroelectric plants, small wind turbines and biomass systems: wherever energy is required, we are capable of producing and managing it with the right installation suitable for every need.

Zero CO² emissions since 2012

Thanks to photovoltaic installations providing electricity and a geothermal system providing heating and cooling, our plant functions at maximum efficiency without releasing CO₂ into the environment. A result that also your company can achieve through our energy solutions.

PRODUCERS OF CUTTING-EDGE SOLUTIONS



Born as electric system installers, throughout the years we have accumulated a rich heritage of experiences, broadening our activities in the field of photovoltaic system installation and direct production of innovative technologies in the small wind, hydroelectric and biomass sectors.

Today, this development strategy allows us to offer our clients a greater quality and efficiency guarantee for our systems.

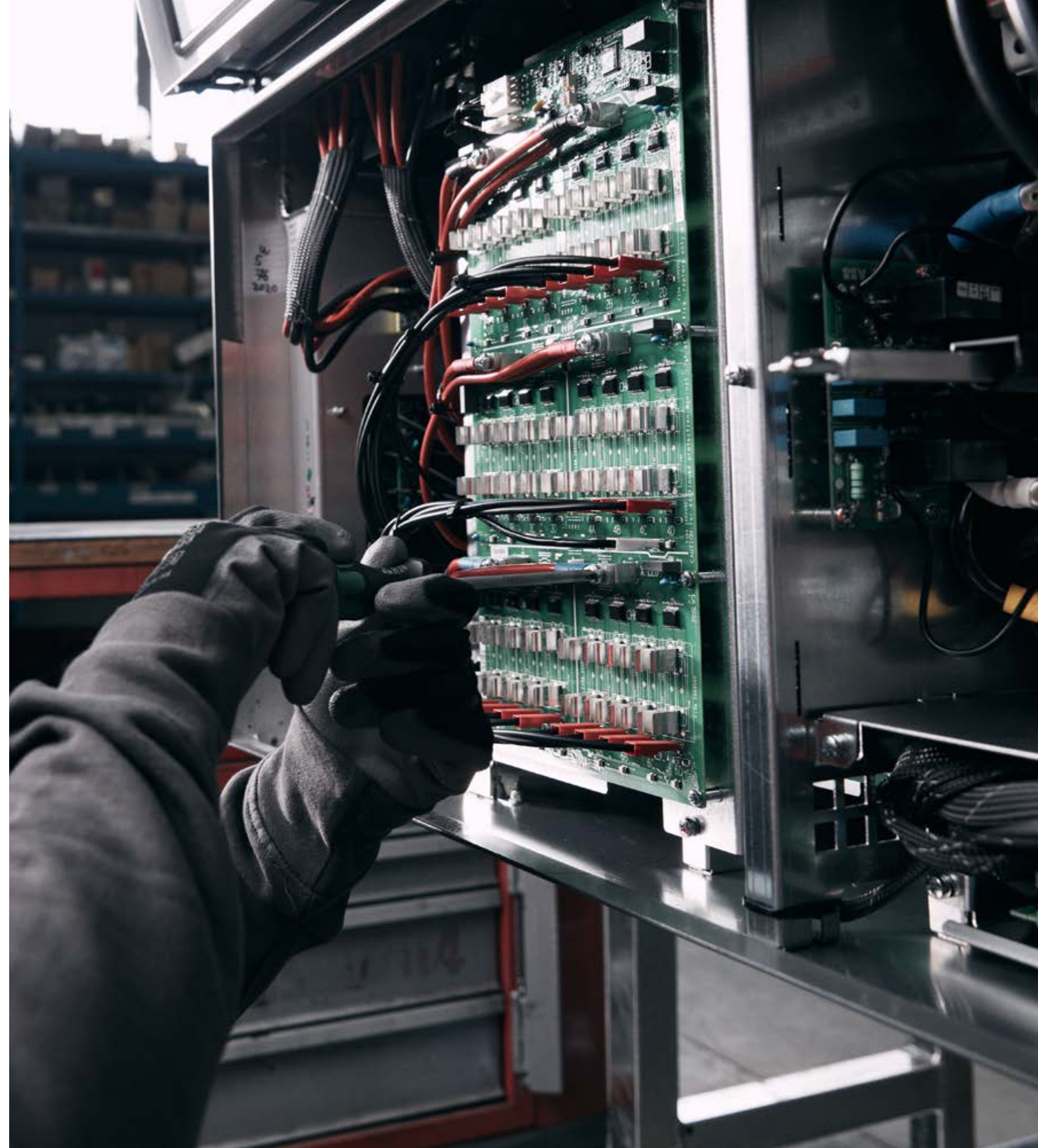
We know how to make a difference

Sustainable investments. Our clients are offered custom solutions that represent the best result over investment ratio.

Production quality. We handle the direct production of high-efficiency systems, machines and components.

Global reliability. Consultancy, operations and assistance: we are the global partner capable of attending the development of a plant or system from its conceptualization to its maintenance.

Scientific research. Our engineering department collaborates with universities and research entities to create solutions which evolve the renewable energy market.





INDUSTRIAL ELECTRIC PLANTS

The tension towards high quality plants

Utilization of selected, high quality materials, search for the highest level of safety for all personnel and high performances guaranteed over time: these are the three pillars upon which we base our realizations. Specifically, we specialize in interventions which regard low and medium tension electrical cabinets, electric distribution plants and on-board electric systems. Furthermore, thanks to the products and services provided by our subsidiary company Tecnoespe, we can produce electrical panels and software to control processes.



The custom electrical plant for your factory

MV cabins (Medium Voltage) and MV/lv transformation cabins: we install equipment for reception, safety, measurement and maneuvering of electrical energy in Medium Voltage (usually 15,000 or 20,000 Volt) coming from the power line.

Lv cabins and power centers: we handle the design and installation of this type of plant which basically consists of a set of electric panels that manage electrical energy safety, distribution, measurement and maneuvering in low tension, for use in your place of business.

Electric distribution plants:

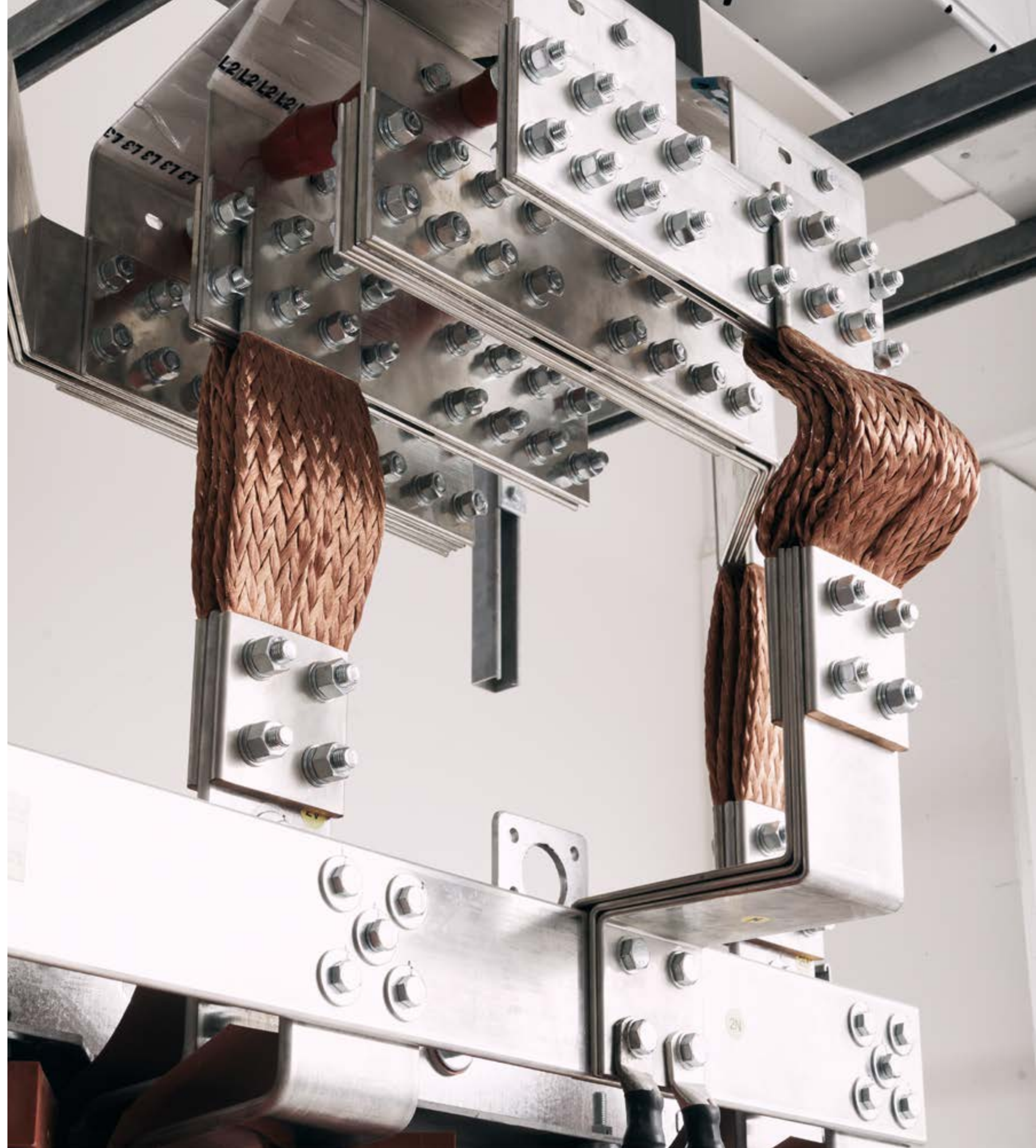
We specialize in the design and installation of small, medium and large distribution plants, that is the set of equipment such as electric cables, conduits, insulations, clamping, tubes, busbars and other accessories that allow for the correct and safe distribution of electricity.

**On-board electric plants,
lighting and motive power:**

Our on-board plants allow the correct power supply for any kind of machinery and the precise connection between the different components. Furthermore, we design and integrate the most efficient system for basic services within the factory, such as lighting and electric outlets.

Automation and industrial process control:

Thanks to our partnership with Tecnoespe, we supply and install hardware and software systems that allow programming and control of every piece of machinery and equipment in the factory, helping you set foot in the next generation of industry.





New energy for existing systems

We operate on existing plants to renovate them and bring them up to safety and efficiency levels appropriate for the development of your business and for the regulatory framework. New production lines, plant expansion and advancement of features in the various productive departments: the demands we can meet are diverse, modelling the existing plant with respect to business consumption evolution.

Furthermore, in a rapidly changing regulatory framework, the electric plant renovation may represent a necessity to be taken care of as soon as possible. Orienting oneself among the obligations is not simple, that is why our consultants are at your service to help you make the most effective and timely planning choices.

Opting for us has its benefits

Guaranteed experience. From 1974 to today we have installed industrial electric plants of every kind and size, gathering the necessary competences to win even the most complex challenges.

Quality at the best price. Our technical-commercial proposals pursue a clear objective: obtaining the best possible ratio of overall quality of the plant and the investment necessary to realize it.

High performances over time. We make design choices and select the best suppliers to provide you with a plant capable of sustaining the productive continuity of your business over time.

Certain timeframes for completions. We follow construction step by step, solving any unforeseen events and delivering your electric plant in full respect of the agreed upon deadlines.

Everything done with a single partner. Designing, operation planning, installation, testing, maintenance and continuous assistance: choosing us means receiving everything you need to obtain the plant you are looking for and to take full advantage of its efficiency for a long time.





ESPE S.p.A.
Socio Unico

Via dell'Artigianato, 6
35010 Grantorto (PD) Italy
Tel. +39 049 945 50 33

espegroup.com