Sergio Julián

CBP division.
Customized & Branded Products

The effort's culture

Application in moving installations through Power Factor Correction capacitors banks

"The first thing my parents taught me is that there is always someone needier than yourself and giving back what you earn is part of the world order".
These were the words of Sir Edmund Hillary, who made history by being the first man to reach the summit of Everest way back in 1953. His humility and kindness stood out; the first of these values allowed him to scale the highest heights- this example perfectly illustrates this- always keeping his feet on the ground.

But what does Edmund Hillary and the Himalayas have to do with this CIRCUTOR Magazine, you wonder? Well, a lot, and I think you will agree if you keep reading: CIRCUTOR's corporate values - stressed from its beginnings- include humility, work, a culture of effort and creative thinking. These have formed and form part of the whole team, from the first to the last person in the organisation. These and other values are inherent to all projects that have been successful from the outset.

Perhaps humility is the most universal quality because you can only reach the top if you never forget where you came from.

By way of recent successful CIRCUTOR projects we could mention the equipment for power factor correction in Algeria, based on mobile substations.

Algeria has enormous energy needs especially in remote areas far from the cities, and may be one of the Mediterranean countries with the highest energy investment in coming years. In fact, the Algerian government recently announced the construction of 10 new plants for 2018 with a value of about $9 billion.
These capacitor banks were part of a €50 million project and part of the construction of the Mediterranean network project linking the electrical networks of the Maghreb area with the European area.

The novelty of these CIRCUTOR units lies in their mobility, as medium voltage reactive batteries are usually in a fixed position; in this case, as already commented, they were designed for mobile generating equipment (substations) in the south of the country due to geographical, seasonal consumption needs. The challenge was not to offer equipment where CIRCUTOR is well-known in the market, but to provide sufficient guarantees in terms of mechanical strength and electrical safety given the installations' mobile nature, to which the more than probable thermal contrasts of the country had to be included; and all of this was achieved by first understanding the concept and then applying the necessary measures to ensure the useful life of these installations. In this case we applied the CIRCUTOR formula, the one Hillary used, as elements for success- the culture of effort and, above all, creative thought, because now we know that something is considered impossible if it has never been done before, which does not mean it is unachievable.