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Research & Engineering

In our modest size, we can in any case say that we collaborate with CERN in the realisation of cooling systems, dedicated to various individual apparatuses.

Specifically, the latest realisation involves the cooling of deionised water for the testing equipment of IGBTs, insulated gate bipolar transistors, used for high power applications, mounted inside NPC power converters (Neutral Point Clamped multilevel inverters).

The design specifications called for a water-to-water cooling unit, on the two primary and secondary circuits, with a power capacity of 40 kW.