

Busy times for Pauwels T&D Systems Division



The T&D Systems Division* has not sat idle. The team has finished a large number of projects, a great many of them in Europe. Here is a short overview.

Commissioned by Fecea Endesa, Pauwels T&D Systems Division has received an order to build a mobile substation for the Barcelona area. It is a 40MVA 132-110kV/26.4-11.4kV substation consisting of high voltage and medium voltage trailers. The T&D Systems Division has supplied three 31.5MVA/66-22kV mobile substations to Unelco Endesa, each consisting of two trailers for the Canary Islands of Gran Canaria, Tenerife and Lanzarote. These substations are Unelco Endesa's answer to the growing demand for electricity. Due to growing tourism and rising industrialisation electricity suppliers have had to face an enormous increase in demand with supply lagging behind. Moreover, mobile substations are used to provide an upgrade of the existing electricity grid.

Pauwels has also been commissioned by Gesa Endesa to supply a 31.5MVA/66-15kV mobile

substation on Palma de Mallorca. The substation is again mounted on two trailers, each one containing a medium voltage module to allow each trailer to be used separately in the grid.

Last year, Pauwels supplied two mobile transformers to ERZ Endesa in Zaragoza. They are unique multifunctional transformers with 4 voltage ratings (132-110kV/45.67 - 26.42kV and 132kV/32.9 - 19 - 16.45 - 9.5kV). These transformers will be used by ERZ as emergency units during maintenance on other transformers and for the extension of the existing electricity grid. Clearly, electricity demand exceeds supply in Spain.

Union Fenosa has also ordered two mobile transformers (30MVA 132-66kV/21-15.75kV). They will be installed in the course of this year, one in Madrid and the other in La Coruña.

Spain is not Pauwels' only major user of substations. Energie Versorgung Niederösterreich (EVN) has also ordered two (12.5MVA 110/20kV) mobile substations. The T&D Systems Division partners with Austrian SAG for the supply of medium voltage modules in Bulgaria. In fact, EVN Austria also has an interest in the Bulgarian electricity company and it is currently upgrading the Bulgarian grid. The substations are expected to be brought into operation early next year.

> For more information, please contact
Marc Van Dyck, Sales Manager T&D Systems Division,
T + 32 15 283 499
E marc.van.dyck@pauwels.com



> T&D Systems Division convinces with flexibility and high-quality substations

* formerly known as Contracting Division

