

3M Electrical Markets Division

Success story.

Endesa High Voltage 132 kV Project –
Los Alcores Substation.

Endesa High Voltage 132kV Project - Los Alcores Substation

On June 29, 2014, an existing 132 kV, self-supporting, fluid insulated termination failed at the Endesa Los Alcores substation that provided power to a local brewery plant.

It was imperative that the line was restored as fast as possible. 3M was the only known manufacturer that was able to quickly respond to this urgent situation. On July 14, 2014, 3M delivered one 3M™ Cold Shrink 132 kV joint (Model 98--AD 210--1/2 Endesa) and one 3M self-supporting 132 kV termination (Model 98--ED 810-2/2 Endesa) with a cold shrink stress cone. The average time for delivering high voltage

accessories is usually eight to twelve weeks and in this instance 3M was able to respond four times faster.

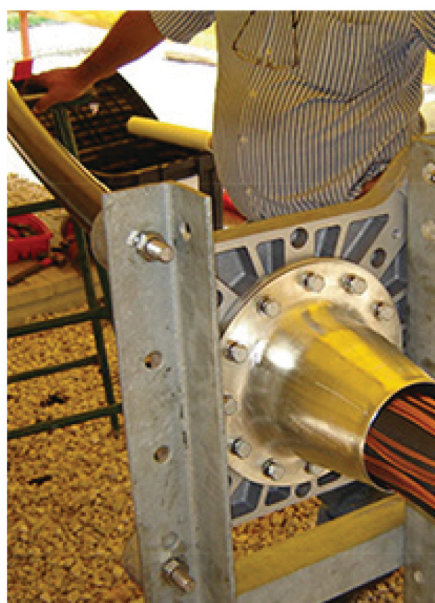
Installation started immediately in very high temperatures (44° C). The installer appreciated the ease of installation of cold shrink technology. These accessories have been in service since July 20th, 2014 with no issues. The 3M sales professional, Juan Pablo Sanchez, was on site for the installation coordinating training and monitoring the installation of the accessories.




Failed items



Installation







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