

NRG Expert Electricity Intelligence The Global Power Infrastructure Market (Transformers, Switchgear, & Substations) Report and Database Edition 2, 2013-2017

Market Intelligence

T&D networks are continuously evolving in both size and nature as they grow in order to cope with ever-rising demand. The T&D Infrastructure sector has seen some changes in recent years as a result. In many mature markets, the balance of the market has shifted from new installations towards refurbishment and replacement, while developing nations focus on new installations. The global market, therefore, is driven by various discrete dynamics.

This NRG Expert report and database allows you to make key business decisions based on our forecasts and analysis of the electricity T&D infrastructure market. Our team of analysts, backed by the vast data we have collected, have created this industry analysis and forecasted data to 2017.

The Database

The database is the main focus of the product and as such contains the important forecast information and current figures. The database consists of a **Global Data Set** with the following sections:

Global Data Summary

The Global Data Summary file contains three tabs:

- Annual Demand
- Capex
- MVA Capacity

The *Annual Demand* tab shows a regional and by-country overview of the annual demand 2012 actual figures and forecasts for 2013-2017 in 2012 United States Dollars (USD) broken down into the annual demand for Transformers, Switchgear, & Sub-Stations.

The *Capex* tab follows a similar format as the Annual Demand tab and shows Capital Expenditure in the T&D industry by country presenting 2012 actual and 2013-2017 forecast figures in 2012 USD.

The *MVA Capacity* tab provides data for world regions and individual nations. Figures provided include 2012 actual and 2013-2017 forecast figures in 2012 USD.



The Report

The Global Power Infrastructure Report provides valuable context and additional insight into this market and consists of several sections. A detailed historical overview discusses the origins of the electrical supply industry, which provides the basis for a discussion of today's market factors and the future of the infrastructure sector. Our definition of the Infrastructure sector is also included, along with an illustration of our annual demand data (forecasted to 2017) and intelligence on infrastructure companies.

Contents

The T&D Market Origins of the Electrical Supply Industry The early origins Parallel developments The first networks Regional evolution of networks Planned systems - the Pool concept **United States** Germany - Bavaria Great Britain France Market Factors **Capital Expenditure** T&D Sectors Transformers Switchgear Annual Demand **T&D** Companies **Global Market Shares Company Listings** ABB Alstom GE Schneider Siemens Methodology Stage 1 - T&D Forecasts Stage 2 - Modeling Stage 3 – Background Research Stage 4 - Verification Sources

Figures

Figure 1 Global T&D Capital Expenditure 2012-2017 (million US\$) Figure 2 Regional Breakdown of Capital Expenditure 2012-2017 (million US\$) Figure 3 2012 Annual Demand breakdown by Sector Figure 4 Total Annual T&D Demand 2012-2017 (million US\$)



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