

The T&D Report- World Markets for Transmission and Distribution Equipment Ed 4 - 2004

An up-date and an expansion

The 4th edition of the ABS T&D Report will be published at the end of January 2004. The new edition of this report is not only an up-date but an expansion of the previous reports, with much new data. During the year a considerable amount of new information has become available for a number of countries and the scope of the study has been widened in response to demands from our clients. **New growth areas** have also become apparent and the forecasts have been up-dated in line with market developments.

The report addresses three aspects of the transmission and distribution market.

The T&D systems of every country are outlined, with a database of installed line lengths and system transformer capacity, provided historically from 1970 and forecast to 2010 in 5 year segments for each country. Annual growth and replacements are forecast in real terms from 2003 to 2008, for line lengths and MVA system capacity. The databases are provided in the hard copy report and are also available in Excel. About **30 new system maps of national and international grids** have been included.

NEW DATA - In addition to overall transmission and distribution line lengths, two important new sets of analysis are now included in the database for the first time.

- **Line lengths by voltage**
- **Underground cables and overhead line lengths**

The T&D equipment markets are estimated and forecast annually from 2003 to 2008. The forecasts cover total capex and six equipment categories. A **new category, EHV towers**, has been added to the equipment list and the report now provides forecasts for six groups of equipment; power and distribution transformers, switchgear, insulated cables, overhead lines, insulators and fittings, EHV towers.

The markets are forecast in real terms in \$ value at 2003 prices. An overall comparison is provided for the regional totals at rates of inflation from 2% to 5%, providing a comparison of different current market values in the future depending on inflation.

Transmission and Distribution Manufacturers Directory

Researched in December 2003/January 2004, this database includes approximately 1,500 manufacturers of transmission and distribution system equipment with contact details. Where available management names and email addresses are included.

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1. EXECUTIVE SUMMARY

2. COUNTRY ANALYSIS

Profiles of transmission and distribution networks in each of 185 countries. The following information is provided, together with a description of the network organisation.

1. Transmission system operators listed
2. Number of distribution companies
3. Status of deregulation
4. Line lengths and voltage break down * **NEW**
5. International connections Maps of the systems * **MANY NEW SYSTEM MAPS**

3. INTERNATIONAL GRIDS AND INTERCONNECTIONS

The major international power grids and interconnections outlined, with network maps.

1. UCTE
2. CENTREL
3. BG/RO
4. UPS/IPS
5. NORDEL
6. BALTREL– Baltijos Ziedas * **NEW SYSTEM MAP**
7. Black Sea Ring
8. Mediterranean Ring
9. GB and ESB
10. ETSO
11. ASEAN Grid
12. Central America Grid * **NEW SYSTEM MAP**
13. Africa Power Pools and Interconnections

4. TYPICAL CONSTRUCTION COSTS FOR TRANSMISSION LINES ***NEW DATA**

5. FORECASTS

Individual data is provided for every country.

5.1 TRANSMISSION AND DISTRIBUTION NETWORK DATA AND FORECASTS * **NEW GROWTH**

1. Transmission line installed base of lengths in 5 year segments - 1970 to 2010
2. Distribution line installed base of lengths in 5 year segments - 1970 to 2010
3. Installed system capacity in MVA - 1970 to 2010

5.2 MARKET FORECASTS

4. T&D capital expenditure - 2003 to 2008
5. Total T&D equipment markets - 2003 to 2008
6. Transmission towers 380/400 kV annual demand - 2003 to 2008 * **NEW CATEGORY**
7. Power and distribution transformers annual demand- 2003 to 2008
8. Switchgear annual demand - 2003 to 2008
9. HV insulated cable annual demand - 2003 to 2008
10. Overhead lines annual demand - 2003 to 2008
11. Insulators, bushings and fittings annual demand - 2003 to 2008

Price - £1,600

**For US Dollar and Euro prices please refer to www.absenergyresearch.com*

Transmission and Distribution Markets Database Ed 4 - 2004

Individual data is provided for every country. In addition to the data provided in the hard copy report, the Excel database includes the two following new sets of data.

- Overhead lines, underground and submarine cables (km) line lengths.
- Transmission and distribution lines line lengths (km) by voltage.

The Excel database also includes analysis of the annual T&D system construction by new construction and replacement in km and MVA.

The markets are forecast in real terms in \$ value at 2003 prices. An overall comparison is provided for the regional totals at rates of inflation from 2% to 5%, providing a comparison of different current market values in the future. The user can easily adjust the market forecasts to account for varying rates of inflation as these become apparent.

1. ANALYSIS OF OVERHEAD LINES, UNDERGROUND AND SUBMARINE CABLES * NEW

2. TRANSMISSION AND DISTRIBUTION LINE LENGTHS BY VOLTAGE BY COUNTRY * NEW

3. TRANSMISSION AND DISTRIBUTION NETWORK DATA AND FORECASTS

1. Transmission line installed base of lengths in 5 year segments - 1970 to 2010
2. New & replacement transmission lines km - 2003 to 2008
3. Distribution line installed base of lengths in 5 year segments - 1970 to 2010
4. New & replacement distribution lines km - 2003 to 2008
5. Installed system capacity in MVA - 1970 to 2010
6. New & replacement equipment capacity MVA - 2003-to 2008

4. MARKET FORECASTS

7. T&D capital expenditure - 2003 to 2008
8. Total T&D equipment markets - 2003 to 2008
9. Transmission towers 380/400 kV annual demand - 2003-2008 * NEW CATEGORY
10. Power and distribution transformers annual demand- 2003 to 2008
11. Switchgear annual demand - 2003 to 2008
12. HV insulated cable annual demand - 2003 to 2008
13. Overhead lines annual demand - 2003 to 2008
14. Insulators, bushings and fittings annual demand - 2003 to 2008

Price - £1,250

**For US Dollar and Euro prices please refer to www.absenergyresearch.com*

Transmission and Distribution Manufacturers Directory Ed 1 - 2004

A database in Excel of 1,500 worldwide manufacturers of transmission and distribution equipment, including:

HV power and distribution transformers
EHV towers
Switchgear
HV insulated cable
Uninsulated conductors
Insulators and bushings

Price - £550

**For US Dollar and Euro prices please refer to www.absenergyresearch.com*

Prices

- 1) Transmission & Distribution Report E 4 £1,600**
- 2) T&D markets Database - £1,250**
- 3) T&D Manufactures Directory - £550**
- 4) Report and Database - £2,275**
- 5) Report, Database and Directory - £2,550**

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