

# NRG Expert Electrical Supply Industry World Guidebook

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## Market Intelligence

Today, the electrical supply industry is structured with four separate functions: generation, transmission, distribution and supply (the last consisting of the marketing and sale of energy). In many countries, competition has been introduced to generation and supply, while transmission and distribution are natural monopolies since electricity must be delivered via common lines. Prevalence of privatization must also be added. The result is a mix of systems throughout the world, ranging from traditional single vertically integrated utilities to electricity supply industries with different functions operated separately and in competition.

This NRG Expert guidebook outlines the electrical supply industry of 196 countries individually. Compiled from many sources over 11 years, this guidebook provides detailed information on this industry.

## Country Sections

Where applicable, country sections include the following subsections:

- Structure of the ESI
- Generation
- Transmission
- Distribution
- Market Structure

*Structure of the ESI (Electrical Supply Industry)* describes points such as the type of market, government involvement and the types of companies involved.

*Generation* subsections detail the number and capacity of generating companies and, where applicable, recent developments or future plans.

*Transmission* includes intelligence on the key players in the transmission of electricity and, where applicable, recent developments and future plans.

*Distribution* reports on distribution voltage and the companies involved where applicable.

*Market Structure* describes major producers and consumers and the rules governing them.

In some cases, additional subsections are included to provide additional insight into particularly large or intricate national markets.

Where applicable, the following tables are also included:

- ESI Characteristics
- Access to Electricity
- Past Installed Capacity MW

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