

The Super Grids Market 2012-2022

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Abstracts

Report Details

A combination of ageing infrastructure, rising use of renewable energy sources which need to be integrated into the existing grid, rising demand for electricity, and improvement of energy security are beginning to translate into growth in the super grid market. To tap the full potential of renewables, a super grid is necessary to offset intermittency issues and accelerate deployment of distributed renewable generation. This will also reduce transmission losses offering lower cost electricity, leading to increased industrial competiveness. Over the forecast period many regions and countries will experience strong growth in the super grids market as a number of governments and utility companies rush to upgrade and expand the transmission and distribution infrastructure. As a consequence, visiongain has determined the value of the global super grids market in 2012 to reach \$10.01bn.

Visiongain expects an increase in public-private partnerships across a number of super grid markets, while technological developments are also projected to evolve to reflect the changing dynamics of electricity transmission and the integration of renewable sources of energy.

National super grids markets for China, India, the US and major European countries will remain central to the super grids market over the forecast period to 2022, as these economies continue to invest heavily in their electricity generation, transmission and distribution networks. Growth in super grid development in Latin America, the Middle East, Asia and Africa is forecast by visiongain to be significant, as national, regional and continental electricity grids are interconnected

Unique Selling Points



Forecasts and comprehensive analysis for the global super grids market between 2012-2022.

Forecasts and analysis for the 2 super grids submarkets from 2012-2022.

Forecasts and analysis for 7 regional super grids markets from 2012-2022.

Forecasts and analysis for 12 national super grids markets for the period 2012-2022.

Analysis and forecasting informed by extensive expert consultation with industry leaders. You will be able to read full transcripts of interviews from four companies involved in the super grids market.

138 tables, charts and graphs that quantify, analyse and forecast the changing dynamics of the super grids market between 2012-2022.

SWOT analysis of the forces that influence and characterise the super grids market.

Profiles of 38 leading companies operating within the super grids.

Methodology

This report has been compiled by combining information obtained from a very wide and rich mixture of primary and secondary research sources, producing a broad industry overview. Visiongain sought opinions from leading figures in the super grids market to underpin the analysis of market drivers and restraints. The study draws on a diverse range of official corporate and governmental announcements, media reports, policy documents, industry statements and expert opinion as a basis for discussing and predicting developments in the super grids market between 2012 and 2022.

Visiongain considers that this methodology results in an accurate, objective mixture of analyses and forecasts.

Why you should buy The Super Grids Market 2012-2022



You will gain a thorough understanding of the super grids market and learn how it will evolve over the next decade, with detailed global sales forecasts from 2012 to 2022

The forecasts and analysis are underpinned by extensive expert consultation. Transcripts of four original and exclusive interviews are included within the report with expert insight from:

Tres Amigas, an electric power transmission company

Transmission Developers Inc, a leading independent transmission provider for the North American market utilising HVDC technology

NorthConnect, a merchant transmission project company

Global Wind Energy Council, the global forum for the wind energy sector, uniting the wind industry and its representative associations

You will be able to study 138 tables, charts and graphs, analysing, quantifying and forecasting the super grids market in detail over the period 2012-2022

You will discover forecasts and analysis between 2012-2022 for the two super grids submarkets

Super Grid Cables Market

Super Grid Converter Stations Market

You will find forecasts and analysis of 7 regional super grids markets over the period 2012-2022

Africa

Asia-Pacific

CIS

Europe



Latin America

North America	
The Middle East	
You will be presented with forecasts for the 12 leading national super grid markets for the period 2012-2022	
Canada	
China	
Germany	
India	
Italy	
Japan	
Norway	
Sweden	
South Korea	
The Netherlands	
UK	
US	
You will gain profiles of 38 leading companies operating within the super grid market	S

You will receive a SWOT analysis for strengths, weaknesses, opportunities and

threats to the super grids market from 2012 onwards



What is the structure of the report?

Chapter 1 is the executive summary.

Chapter 2 is an introduction to the super grids market providing a clear definition of the market.

Chapter 3 provides extensive analysis of the global super grids market and sub-markets as well as analysis of the major market drivers and restraints.

Chapter 4 analyses the seven regional super grids market: Asia-Pacific, Latin America, North America, Europe, Commonwealth of Independent States (CIS), Africa and the Middle East, as well as analysis of 12 leading countries. Detailed market forecasting and analysis is provided for each region and country, including information on the major developments in the market.

Chapter 5 provides an extensive SWOT analysis, discussing the main strengths, weaknesses, opportunities and threats influencing the super grids market over the coming decade.

Chapter 6 features four original interviews with Tres Amigas, Transmission Developers Inc, NorthConnect and Global Wind Energy Council (GWEC) who offer an insider's perspective on the super grids market.

Chapter 7 lays out profiles of the 38 leading companies involved in the super grids market, providing information for each company and their services in the super grids market.

Chapter 8 provides a summary of the report, outlining the main conclusions of the analyses.

Chapter 9 is a glossary of acronyms used in the report.

You can order this report today

Anybody with an interest in the super grids market should gain valuable information and insight from this new study by visiongain, which analyses one of the most exciting markets in the utility industry. The super grids market offers substantial business and investment opportunities and is becoming an increasingly important component of the



utility sector in several regional markets.

This visiongain utility report will be valuable both to those already involved in the super grids market and those wishing to enter the market in the future. Gain an understanding of how to tap into the potential of this market by ordering The Super Grids Market 2012-2022.

Visiongain is a trading partner with the US Federal Government

CCR Ref number: KD4R6



Contents

1. EXECUTIVE SUMMARY

- 1.1 The Super Grids Market Overview
- 1.2 Drivers and Restraints in the Super Grids Market
 - 1.2.1 Drivers in the Super Grids Market
 - 1.2.2 Restraints in the Super Grids Market
- 1.3 Highlights of the Report
- 1.4 Benefits of the Report
- 1.5 Methodology
- 1.6 The Global Super Grids Market Forecast 2012-2022
- 1.7 The Global Super Grids Sub-Market Forecast 2012-2022
- 1.8 Regional and National Super Grids Markets Forecast 2012-2022

2. INTRODUCTION TO THE SUPER GRIDS MARKET

- 2.1 The Global Electricity Market Outlook 2012
- 2.2 The Global Transmission and Distribution Market Outlook 2012
- 2.3 Defining Super Grids
- 2.4 History and Development of Super Grids
- 2.5 Super Grid Technology
 - 2.5.1 HVAC vs. HVDC Transmission Cables
 - 2.5.2 Common Transmission Voltages
 - 2.5.3 Converter Stations

3. THE GLOBAL SUPER GRIDS MARKET FORECAST 2012-2022

- 3.1 The Super Grid Cables Sub-Market Forecast 2012-2022
- 3.2 The Super Grid Converter Stations Sub-Market Forecast 2012-2022
- 3.3 Drivers & Restraints of the Super Grids Market
- 3.4 Drivers
 - 3.4.1 Shift Towards Renewable Energy
 - 3.4.2 Price of Electricity & Efficiency Gains
 - 3.4.3 Energy Security
 - 3.4.4 Smart Grids
 - 3.4.5 Growth from Emerging Markets
- 3.5 Restraints
 - 3.5.1 Financial Conditions



- 3.5.2 Increase in Raw Material Cost
- 3.5.3 Lengthy Licensing Procedures for Transmission Projects
- 3.5.4 Pricing Pressures on Companies

4. REGIONAL AND LEADING NATIONAL SUPER GRID MARKETS 2012-2022

- 4.1 The Asia-Pacific Super Grids Market Forecast 2012-2022
 - 4.1.1The Chinese Super Grids Market Forecast 2012-2022
 - 4.1.2 The Indian Super Grids Market Forecast 2012-2022
 - 4.1.3 The Japanese Super Grids Market Forecast 2012-2022
 - 4.1.4 The South Korean Super Grids Market Forecast 2012-2022
- 4.2 The European Super Grids Market Forecast 2012-2022
 - 4.2.1 The German Super Grids Market Forecast 2012-2022
 - 4.2.2 The UK Super Grids Market Forecast 2012-2022
 - 4.2.3 The Italian Super Grids Market Forecast 2012-2022
 - 4.2.4 The Norwegian Super Grids Market Forecast 2012-2022
 - 4.2.5 The Swedish Super Grids Market Forecast 2012-2022
 - 4.2.6 The Netherlands Super Grids Market Forecast 2012-2022
- 4.3 The North America Super Grids Market Forecast 2012-2022
 - 4.3.1 The US Super Grids Market Forecast 2012-2022
- 4.3.2 The Canadian Super Grids Market Forecast 2012-2022
- 4.4 The CIS Super Grids Market Forecast 2012-2022
- 4.5 The Middle East Super Grids Market Forecast 2012-2022
- 4.6 The Latin America Super Grids Market Forecast 2012-2022
- 4.7 The African Super Grids Market Forecast 2012-2022

5. SWOT ANALYSIS OF THE SUPER GRIDS MARKET 2012-2022

- 5.1 Strengths
 - 5.1.1 Economic Growth
 - 5.1.2 Industrialisation
 - 5.1.3 Electricity Grid Upgrades
 - 5.1.4 Government Initiatives
 - 5.1.5 Technological Improvements
- 5.2 Weaknesses
 - 5.2.1 Public Sector Cutbacks
 - 5.2.2 Permitting Issues
- 5.3 Opportunities
 - 5.3.1 Technological Improvements



- 5.3.2 Renewable Energies
- 5.3.3 Smart Grids
- 5.3.4 Electric Vehicles
- 5.3.5 Transmission Losses
- 5.4 Threats
 - 5.4.1 Rising Price of Raw Materials
 - 5.4.2 Saturated Markets

6. EXPERT OPINION

- 6.1 Tres Amigas
 - 6.1.1 Tres Amigas' Services
 - 6.1.2 Technologies in the Super Grids Market
 - 6.1.3 Lifespan of the Project
 - 6.1.4 Drivers in the Super Grids Market
 - 6.1.5 Super Grids Market Constraints
 - 6.1.6 Converting from AC to DC
 - 6.1.7 Government Support Initiatives
 - 6.1.8 Global Metal Prices
 - 6.1.9 Competitors in the Market
- 6.2 Transmission Developers Inc. (TDI)
 - 6.2.1 Transmission Developers' Projects
 - 6.2.2 Cost Of The Champlain Hudson Power Express
 - 6.2.3 Super Grid Equipment
 - 6.2.4 Super Grid Cable Choice
 - 6.2.5 Leading Converter Technology
 - 6.2.6 Smart Grid and the Super Grid
 - 6.2.7 Drivers in the American Super Grid Market
 - 6.2.8 Super Grid Physical and Market Constraints
 - 6.2.9 Regulatory Standards
 - 6.2.10 Government Support Initiatives
 - 6.2.11 Impact of the Financial Downturn
 - 6.2.12 Impact of Rising Global Metal Prices
- 6.3 NorthConnect
 - 6.3.1 NorthConnect Market Involvement
 - 6.3.2 NorthConnect Project Drivers
 - 6.3.3 Major Super Grid Market Constraints
 - 6.3.4 Market Standards in the EU
 - 6.3.5 Government Support



- 6.4 Global Wind Energy Council (GWEC)
 - 6.4.1 the Role of GWEC
 - 6.4.2 Size of the Super Grids Market
 - 6.4.3 The Major Drivers in the Super Grids Market
 - 6.4.4 Regions Receiving Investment in Super Grids
 - 6.4.5 Issues Involved in Bringing Renewable Energy to Market
 - 6.4.6 Super Grid Regulation
 - 6.4.7 Regulation in Europe
 - 6.4.8 Major Super Grid Projects
 - 6.4.9 Government Assistance
 - 6.4.10 Super Grid Technology
 - 6.4.11 Effects of the Financial Crisis
 - 6.4.12 Smart Grid Technology and the Super Grid
 - 6.4.13 How Will Electric Vehicles Change the Super Grid Market

7. LEADING COMPANIES IN THE SUPER GRIDS MARKET

- 7.1 The Big Four Leading Companies in the Super Grids Market
 - 7.1.1 ABB
 - 7.1.2 Alstom Grid
 - 7.1.3 Schneider Electric SA
 - 7.1.4 Siemens AG
 - 7.1.4.1 Siemens Energy
- 7.2 Other Leading Companies in the Super Grids Market
 - 7.2.1 Alcan Cable
 - 7.2.2 American Superconductor Corporation (AMSC)
 - 7.2.3 AZZ Incorporated
 - 7.2.4 Bharat Heavy Electricals Limited (BHEL)
 - 7.2.5 China Electric Power Equipment and Technology Co., Ltd. (CET)
 - 7.2.6 Companhia de Transmissao de Energia Eletrica Paulista (CTEEP)
 - 7.2.7 General Cable Corporation
 - 7.2.7.1 Norddeutsche Seekabelwerke GmbH (NSW)
 - 7.2.8 International Wire Group, Inc. (IWG)
 - 7.2.9 JDR Cable Systems, Ltd
 - 7.2.10 KEC International Limited
 - 7.2.11 KEI Industries Limited (KEI)
 - 7.2.12 LS Cable & System Ltd
 - 7.2.12.1 Superior Essex Inc.
 - 7.2.13 Nexans SA



- 7.2.14 NKT Cables Group GmbH
- 7.2.15 Prysmian S.p.A.
- 7.2.16 PT BICC Berca Cables
- 7.1.17 Southwire Company, Inc.
- 7.2.18 Sumitomo Electric Industries (SEI)
- 7.2.19 The Alpine Group, Inc.
- 7.2.19.1 Synergy Cables
- 7.2.19.2 The Okonite Company, Inc.
- 7.2.20 Toshiba Transmission Distribution & Industrial Systems Company
- 7.2.21 Xian Electric Engineering Co., Ltd
- 7.3 Merchant Transmission Developers
 - 7.3.1 Anbaric Northeast Transmission Development Company, LLC
 - 7.3.2 Energinet.dk
 - 7.3.3 State Grid Corporation of China (SGCC)
 - 7.3.4 Statnett SF
 - 7.3.5 TenneT Holding B.V.
 - 7.3.6 Transmission Developers Inc. (TDI)
 - 7.3.7 Tres Amigas, LLC
 - 7.3.8 Vattenfall AB

8. CONCLUSIONS

- 8.1 The Global Super Grids Market and Submarkets
- 8.2 High Growth Regional Super Grids Markets
- 8.3 Medium Growth Regional Super Grids Markets
- 8.4 Low Growth Regional Super Grids Markets
- 8.5 High Growth National Super Grids Markets
- 8.6 Medium Growth National Super Grids Markets
- 8.7 Low Growth National Super Grids Markets
- 8.8 Concluding Remarks on the Super Grids Market

9. GLOSSARY



List Of Tables

LIST OF TABLES

Table 2.1 Transmission Voltage Ranges (kV)

Table 3.1 Global Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 3.2 Global Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.3 Global Super Grid Cables Sub-Market Forecast 2012-2022 (\$m, AGR %)

Table 3.4 Global Super Grid Cables Sub-Market Forecast CAGR (%) 2012-2022,

2012-2017, and 2017-2022

Table 3.5 Global Super Grids Converter Stations Sub-Market Forecast 2012-2022 (\$m, AGR %)

Table 3.6 Global Super Grids Converter Stations Sub-Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 3.7 Drivers & Restraints of the Super Grids Market 2012-2022

Table 4.1 Regional Super Grids Markets Forecast 2012-2022 (\$m, AGR %)

Table 4.2 Leading National Super Grids Markets Forecast 2012-2022 (\$m, AGR %)

Table 4.3 Asia-Pacific Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.4 Asia-Pacific Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.5 Asia-Pacific Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.6 Chinese Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.7 Chinese Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.8 Chinese Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.9 Indian Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.10 Indian Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.11 Indian Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.12 Japanese Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.13 Japanese Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.14 Japanese Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.15 South Korean Super Grids Market Forecast Summary 2012, 2017 and 2022



(\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.16 South Korean Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.17 South Korean Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.18 European Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.19 European Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.20 European Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.21 German Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.22 German Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.23 German Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.24 UK Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.25 UK Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.26 UK Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.27 Italian Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.28 Italian Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.29 Italian Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.30 Norwegian Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.31 Norwegian Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.32 Norwegian Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.33 Swedish Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.34 Swedish Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.35 Swedish Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.36 Netherlands Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.37 Netherlands Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.38 Netherlands Super Grids Market Forecast CAGR (%) 2012-2022,

2012-2017, and 2017-2022



Table 4.39 North American Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.40 North American Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.41 North American Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.42 US Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.43 US Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.44 US Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.45 Canadian Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.46 Canadian Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.47 Canadian Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.48 CIS Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.49 CIS Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.50 CIS Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.51 Middle East Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.52 Middle East Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.53 Middle East Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.54 Latin American Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.55 Latin American Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.56 Latin American Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.57 African Super Grids Market Forecast Summary 2012, 2017 and 2022 (\$m, Rank, % Share, CAGR %, Cumulative)

Table 4.58 African Super Grids Market Forecast 2012-2022 (\$m, AGR %)

Table 4.59 African Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.1 SWOT Analysis of the Super Grids Market 2012-2022



List Of Figures

LIST OF FIGURES

- Figure 1.1 Global Super Grids Market Forecast 2012-2022 (\$m)
- Figure 1.2 Global Super Grids Cables and Converter Stations Sub-Markets Forecast 2012-2022 (\$m)
- Figure 1.3 Regional Super Grids Market Forecast 2012-2022 (\$m)
- Figure 1.4 Regional Super Grids Market Share Forecast 2012 (%)
- Figure 1.5 Regional Super Grids Market Share Forecast 2022 (%)
- Figure 2.1 Flowchart of an Electric Power T&D Network
- Figure 2.2 HVAC vs. HVDC Transmission Footprint
- Figure 3.1 Global Super Grids Market Forecast 2012-2022 (\$m)
- Figure 3.2 Global Super Grids Cables and Converter Stations Sub-Markets Forecast 2012-2022 (\$m)
- Figure 3.3 Global Super Grids Cables and Converter Stations Sub-Market Forecast CAGR (%) 2012-2022, 2012-2017 & 2017-2022
- Figure 3.4 Global Super Grid Cables Sub-Market Forecast 2012-2022 (\$m)
- Figure 3.5 Global Super Grids Converter Stations Sub-Market Forecast 2012-2022 (\$m)
- Figure 3.6 Global Net Electricity Generation By Fuel Type Forecast 2008-2035 (%)
- Figure 3.7 Regional Electric Power Consumption 1990-2009 (kWh per capita)
- Figure 4.1 Regional Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022
- Figure 4.2 Leading National Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022
- Figure 4.3 Leading National Super Grids Market Share Forecast 2012 (%)
- Figure 4.4 Leading National Super Grids Market Share Forecast 2022 (%)
- Figure 4.5 Asia-Pacific Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 4.6 Asia-Pacific Super Grids Market Forecast 2012-2022 (\$m)
- Figure 4.7 Asia-Pacific Leading National Super Grids Market Forecasts 2012-2022 (\$m)
- Figure 4.8 Asia-Pacific Leading National Super Grids Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022
- Figure 4.9 Chinese Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 4.10 Chinese Super Grids Market Forecast 2012-2022 (\$m)
- Figure 4.11 Indian Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 4.12 Indian Super Grids Market Forecast 2012-2022 (\$m)
- Figure 4.13 Japanese Super Grids Market Share Forecast 2012, 2017 and 2022 (%



Share)

Figure 4.14 Japanese Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.15 South Korean Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.16 South Korean Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.17 European Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.18 European Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.19 European Leading National Super Grids Market Forecasts 2012-2022 (\$m)

Figure 4.20 European Leading National Super Grids Market Forecast CAGR (%)

2012-2022, 2012-2017 and 2017-2022

Figure 4.21 German Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.22 German Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.23 German Energy Generation Mix 2011 (Outside) 2010 (Inside) (%)

Figure 4.24 UK Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.25 UK Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.26 UK Shares Of Net Electricity Supply by Fuel Type 2010 (%)

Figure 4.27 Italian Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.28 Italian Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.29 Norwegian Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.30 Norwegian Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.31 Swedish Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.32 Swedish Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.33 Netherlands Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.34 Netherlands Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.35 North American Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.36 North American Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.37 North American National Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.38 North America National Super Grids Market Forecast CAGR (%)

2012-2022, 2012-2017 and 2017-2022

Figure 4.39 US Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.40 US Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.41 North American Electric Power Grid Division (Map)

Figure 4.42 Canadian Super Grids Market Share Forecast 2012, 2017 and 2022 (%



Share)

Figure 4.43 Canadian Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.44 CIS Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.45 CIS Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.46 Middle East Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.47 Middle East Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.48 Latin American Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.49 Latin American Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.50 African Super Grids Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 4.51 African Super Grids Market Forecast 2012-2022 (\$m)

Figure 4.52 DESERTEC-EUMENA Mega-Grid Projects (Map)

Figure 7.1 ABB Share Of Revenues By Region 2011 (9 Months to October) (%)

Figure 7.2 Alstom Grid Share Of Revenues By Region 2011 (9 Months to October) (%)

Figure 7.3 Schneider Revenues Contribution By Region 2011 (9 Months to October) (%)

Figure 7.4 Siemens Share Of Revenues By Division 2011 (9 Months to October) (%)

COMPANIES LISTED

ABB

Agder Energi

Alcan Cable

Alstom Grid

Alstom S.A.

AltEnergy, LLC

American Superconductor Corporation (AMSC)

Anbaric Northeast Transmission Development Company, LLC

Areva

AZZ Incorporated

Bharat Heavy Electricals Limited (BHEL)

Blackstone Group

Bloomberg

BP

Brazilian National Bank for Economic and Social Development (BNDES)

CCM Group

China Electric Power Equipment and Technology Co., Ltd. (CET)

China Power Engineering Consulting Group Corporation



China Southern Power Grid Co Ltd.

Clean Line Energy Partners

Companhia de Transmissao de Energia Eletrica Paulista (CTEEP)

DII GmbH

Draka Holdings

E-CO

Electric Transmission Texas LLC (ETT)

Electricidade de Mozambique (EDM)

Energinet.dk

Eskom

Federal Grid Company (FGC)

General Cable Corporation

Hydro-Quebec

IE Madeira

International Wire Group (IWG)

JDR Cable Systems Ltd

Kagan-Dixon Wire Corp

Kazakhstan Electricity Grid Operating Company (KEGOC),

KEC International Limited

KEI Industries Limited (KEI)

Litgrid

LS Cable & System Ltd

LS Group

LS Industrial System Co. (LSIS)

Lyse

Mitsui & Co. Ltd

NamPower

National Grid

Nexans SA

NKT Cables Group A/S

NKT Cables Group GmbH

Norddeutsche Seekabelwerke GmbH (NSW)

NorthConnect

Nur Energie

Phoenix Power Cables

Power Grid Corporation of India Limited

Prysmian S.p.A.

PT BICC Berca Cables

Red Electrica Corporacion SA



RPG Group

SAE Towers

Saudi Electricity Company (SEC)

Schneider Electric SA

Scottish and Southern Energy (SSE)

Siemens AG

Siemens Energy

SNEL (Democratic Republic of Congo)

Softbank

Sonelgaz Spa

Southwire Company, Inc.

State Grid Corporation of China (SGCC)

Statnett SF

Sumitomo Electric Industries (SEI)

Superior Essex Inc.

Svenska Kraftnat

Synergy Cables

Telvent GIT SA

TenneT Holding B.V.

The Alpine Group, Inc.

The Okonite Company, Inc.

Toshiba Transmission Distribution & Industrial Systems Company

Transmission Developers Inc. (TDI)

Transmissora Delmiro Gouveia (TDG).

Tres Amigas, LLC

Vattenfall AB

Xian Electric Engineering Co., Ltd

Xian Electrical Group

Yonhap News Agency

ZESA

ZESCO

ZGlobal Inc

GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

Agency for Natural Resources and Energy (ANRE) Japan

Canadian Electricity Association

China Electric Power Research Institute (CEPRI)



China Electricity Council (CEC)

Commonwealth of Independent States (CIS)

Conference Board of Canada

Department of Energy (DOE) (US)

Desertec Foundation

Desertec Industrial Initiative (DII)

Electric Reliability Council of Texas (ERCOT)

Energy and Climate Change Committee

Energy Information Administration (EIA)

European Bank for Reconstruction and Development (EBRD)

European Commission

European Investment Bank (EIB)

European Network of Transmission System Operators for Electricity (Entso-e)

European Union (EU)

European Wind Energy Association (EWEA)

Federal Association of the Energy and Water Industry (BDEW)

Federal Energy Regulatory Commission (FERC)

Federal Ministry for Economics and Technology (Germany)

Fdration Internationale de Football Association (FIFA)

Friends of the Supergrid (FOSG)

Global Wind Energy Council (GWEC)

Gulf Cooperation Council (GCC)

Gulf Cooperation Council Interconnection Authority (GCCIA)

India Ministry of Power

Intergovernmental Panel on Climate Change (IPCC)

International Energy Agency (IEA)

International Monetary Fund (IMF)

International Renewable Energy Agency (IRENA)

Japan Renewable Energy Foundation (JREF)

National Academy of Sciences (Japan)

National Energy Administration (China)

Nigerian Electricity Regulatory Commission (NERC)

Nigerian Electricity Supply Industry (NESI)

North American Electric Reliability Corporation (NERC)

North Sea Countries Offshore Grid Initiative (NSCOGI)

Organisation for Economic Co-operation and Development (OECD)

UK Department of Energy and Climate Change (DECC)

United Nations (UN)

United Nations Framework Convention on Climate Change (UNFCCC)



Western Electricity Coordinating Council (WECC)
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