

# Table of Contents

<b>PART 1: EXECUTIVE SUMMARY</b>	<b>11</b>		
<b>PART 2: KEY GLOBAL TRENDS</b>	<b>13</b>		
2.1 Growth in electricity sales	14	6.2.6 Costa Rica	183
2.2 Growth in network	15	6.2.7 Dominican Republic	188
2.3 Trends in operational performance	16	6.2.8 Ecuador	194
2.4 Trends in financial performance	18	6.2.9 Guatemala	199
2.5 Trends in capital expenditure	19	6.2.10 Honduras	203
2.6 Key initiatives and focus areas	21	6.2.11 Mexico	207
2.7 Trends in future consumption/sales	26	6.2.12 Panama	211
		6.2.13 Peru	216
		6.2.14 Uruguay	221
<b>PART 3: INTER-DSO COMPARISON: NETWORK SIZE AND SALES</b>	<b>27</b>	<b>6.3 Asia Pacific</b>	<b>225</b>
3.1 Growth in the distribution network, 2017-21	28	6.3.1 Australia	226
3.2 Growth in electricity sales, 2017-21	34	6.3.2 Bangladesh	239
3.3 Growth in the customer base, 2017-21	39	6.3.3 Cambodia	245
		6.3.4 China	249
		6.3.5 India	254
		6.3.6 Indonesia	282
<b>PART 4: INTER-DSO COMPARISON: OPERATIONAL AND FINANCIAL PERFORMANCE</b>	<b>44</b>	6.3.7 Japan	286
4.1 Operational performance	45	6.3.8 Malaysia	298
4.2 Financial performance	59	6.3.9 Nepal	304
		6.3.10 New Zealand	308
<b>PART 5: INTER-DSO COMPARISON: PAST AND FUTURE CAPEX</b>	<b>75</b>	6.3.11 Pakistan	313
5.1 Trend in capital expenditure, 2017-21	76	6.3.12 Philippines	321
5.2 Expected trends in capex/investment	82	6.3.13 Singapore	327
		6.3.14 South Korea	330
<b>PART 6: DSO AND COUNTRY PROFILES</b>	<b>88</b>	6.3.15 Thailand	334
6.1 North America	89	6.3.16 Vietnam	339
6.1.1 Canada	90	<b>6.4 Europe</b>	<b>343</b>
6.1.2 USA	102	6.4.1 Austria	344
		6.4.2 Belgium	349
6.2 Latin America	150	6.4.3 Croatia	355
6.2.1 Argentina	151	6.4.4 Czech Republic	359
6.2.2 Bolivia	158	6.4.5 Denmark	364
6.2.3 Brazil	162	6.4.6 Estonia	369
6.2.4 Chile	172	6.4.7 Finland	373
6.2.5 Colombia	177	6.4.8 France	379
		6.4.9 Germany	383

# Table of Contents

6.4.10 Greece	393	Each DSO profile has information and data on:	
6.4.11 Ireland	397	• Size and growth in the distribution network (2017-21)	
6.4.12 Italy	401	• Growth in electricity sales and customer base (2017-21)	
6.4.13 Latvia	405	• Trends in operational performance (2017-21)	
6.4.14 Lithuania	409	- Distribution losses	
6.4.15 Netherlands	413	- SAIFI/SAIDI indices	
6.4.16 Norway	419	• Trends in financial performance (2017-21)	
6.4.17 Poland	426	- Revenue from electricity distribution	
6.4.18 Portugal	433	- Net profit/net income	
6.4.19 Romania	437	- Operating Expenditure	
6.4.20 Spain	442	- Capex/Investment in the distribution network	
6.4.21 Sweden	449	• Forecast and projections	
6.4.22 Turkey	455	- Network plans and targets	
6.4.23 United Kingdom	467	- Expected capex/investment trends	
		- Major focus areas	
<b>6.5 Middle East</b>	<b>484</b>		
6.5.1 Bahrain	485	Each country profile has information and data on	
6.5.2 Kuwait	489	• Past growth in generation and consumption	
6.5.3 Oman	493	• Institutional and regulatory structure, and key players	
6.5.4 Qatar	499	• Expected growth in consumption	
6.5.5 Saudi Arabia	503		
6.5.6 United Arab Emirates	507		
<b>6.6 Africa</b>	<b>515</b>		
6.6.1 Algeria	516		
6.6.2 Cameroon	520		
6.6.3 Egypt	524		
6.6.4 Ghana	528		
6.6.5 Ivory Coast	532		
6.6.6 Kenya	536		
6.6.7 Morocco	540		
6.6.8 South Africa	544		
6.6.9 Tanzania	548		
6.6.10 Tunisia	552		
6.6.11 Uganda	556		
		<b>PART 7: APPENDIX</b>	<b>560</b>
		7.1 Sources and methodology	561
		7.2 Russia - Country and utility Profile	562
		7.2 List of abbreviations	567