

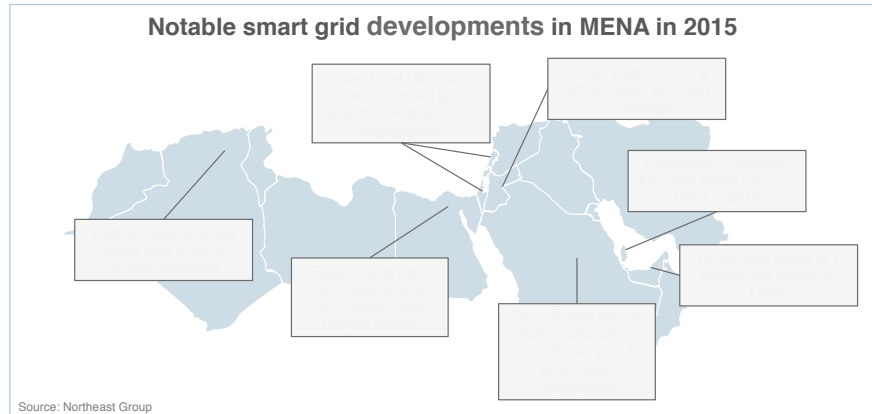
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## Middle East & North Africa Smart Grid: Market Forecast (2015 – 2025)

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## Middle East & North Africa Smart Grid: Market Forecast (2015 – 2025)

Smart grid development is accelerating in the Middle East & North Africa (MENA) region, and shows strong potential in the near-to-medium term. In the Gulf states, high incomes, high electricity consumption, and small populations are driving

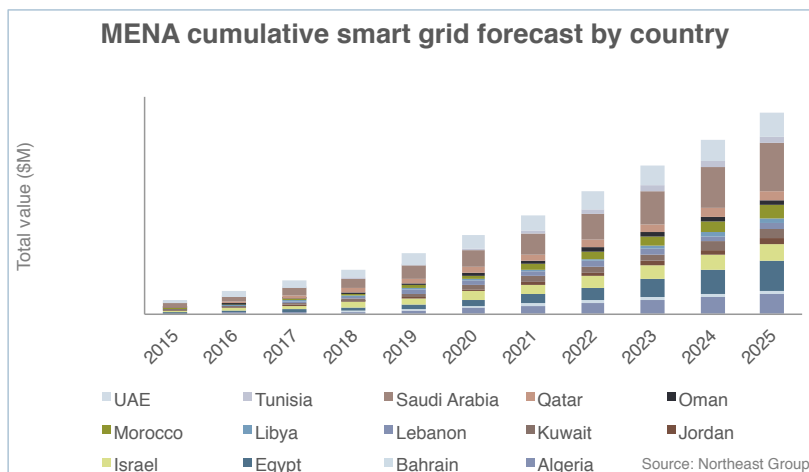


smart meter deployments. In just the past year, both Dubai and Qatar have announced large-scale smart meter rollouts. Elsewhere in the region, the prevalence of high non-technical losses and poor energy efficiency are creating positive smart grid business cases. Also, extensive solar power development and grid interconnections across the MENA region are requiring rapid grid modernization.

Smart grid investment in the MENA region will largely be a state-driven process, owing to government control of nearly all power sector activity. This creates both opportunities and challenges for smart grid development. Gulf governments have ample cash on hand – although recent low oil prices are eating into reserves - and exhibit a strong desire to modernize their countries and their economies. Smart grid offers these countries an excellent opportunity to modernize their infrastructure, lay the foundation for additional energy-saving applications, and ultimately diversify their economies away from dependence on oil and gas.

But governments and investors in the Gulf are also wary of the upheavals seen throughout the

MENA region in recent years.



Support for current governments is built in part on populist policies such as free or nearly free electricity. Some of the benefits of smart meters can only be realized with market or near-market prices for electricity, which governments may be unwilling to implement. Meanwhile,

current low oil prices are putting pressure on government budgets throughout the region and may lead some to limit infrastructure spending.

The past couple of years have seen strong evidence for a healthy future of smart grid in the MENA region. Political risk remains a challenge—and has stalled some projects—but remains low in the high-spending Gulf countries. More utilities are announcing large-scale plans, grid interconnections have continued, some electricity price subsidies have been reduced, and solar power plans have grown more ambitious. All of these trends show that MENA governments understand that smart grid infrastructure investment is critical to future growth plans. In particular, MENA countries continue to move forward with “smart city” concepts and are looking to highlight the modernization of their economies. As these projects proliferate, the MENA smart grid market will see steady growth in the near-to-medium term, setting the stage for a \$17.8 billion cumulative market between 2015-2025.

Key questions answered in this study:

- Where are the newest smart grid announcements and deployments in MENA?
- How large will the smart grid market be in 10 countries across 15 sub-segments?
- Which countries are poised to take the next steps for smart grid regulatory development?
- How will the region’s ambitious solar plans affect smart grid development?
- Which local vendors are active and who are the leading international vendors?

## Table of Contents

i. Executive Summary	1
i.i What’s new in 2015?	4
i.ii MENA smart grid overview	11
ii. Methodology	25
<b>1. Introduction</b>	<b>29</b>
1.1 What is smart grid?	29
1.2 How has smart grid been used elsewhere in the world?	40
<b>2. Middle East &amp; North Africa smart grid snapshot</b>	<b>47</b>
2.1 The region in comparison	49
2.2 Regional drivers	52
2.3 Regional challenges	59
<b>3. Regional market forecast</b>	<b>63</b>

## Table of Contents (cont.)

<b>4. Saudi Arabia</b>	<b>72</b>
4.1 Electricity industry structure	74
4.2 Smart grid regulatory environment	78
4.3 Market forecast	82
4.4 Utility activity	85
<b>5. United Arab Emirates</b>	<b>87</b>
5.1 Electricity industry structure	89
5.2 Smart grid regulatory environment	91
5.3 Market forecast	94
5.4 Utility activity	97
<b>6. Israel</b>	<b>103</b>
6.1 Electricity industry structure	105
6.2 Smart grid regulatory environment	106
6.3 Market forecast	108
6.4 Utility activity	111
<b>7. Egypt</b>	<b>112</b>
7.1 Electricity industry structure	114
7.2 Smart grid regulatory environment	115
7.3 Market forecast	116
7.4 Utility activity	120
<b>8. Qatar</b>	<b>121</b>
8.1 Electricity industry structure	123
8.2 Smart grid regulatory environment	126
8.3 Market forecast	127
8.4 Utility activity	130
<b>9. Lebanon</b>	<b>133</b>
9.1 Electricity industry structure	135
9.2 Smart grid regulatory environment	136
9.3 Market forecast	139
9.4 Utility activity	141
<b>10. Kuwait</b>	<b>143</b>

## Table of Contents (cont.)

10.1 Electricity industry structure	145
10.2 Smart grid regulatory environment	147
10.3 Market forecast	148
10.4 Utility activity	151
<b>11. Jordan</b>	<b>153</b>
11.1 Electricity industry structure	155
11.2 Smart grid regulatory environment	156
11.3 Market forecast	158
11.4 Utility activity	161
<b>12. Bahrain</b>	<b>163</b>
12.1 Electricity industry structure	165
12.2 Smart grid regulatory environment	167
12.3 Market forecast	167
12.4 Utility activity	170
<b>13. Oman</b>	<b>172</b>
13.1 Electricity industry structure	174
13.2 Smart grid regulatory environment	176
13.3 Market forecast	178
13.4 Utility activity	180
<b>14. Other MENA countries</b>	<b>182</b>
14.1 Market drivers and barriers	183
14.2 Algeria	187
14.3 Morocco	188
14.4 Tunisia	189
14.5 The rest of the region	190
<b>15. Vendor activity</b>	<b>191</b>
15.1 MENA-based vendors	192
15.2 International vendors active in smart grid in MENA	197
<b>16. Appendix</b>	<b>184</b>
16.1 List of companies covered in this report	204
16.2 List of acronyms	206

## List of Figures, Boxes, and Tables

MENA smart grid: key takeaways	3
Notable smart grid activity in MENA in 2015	4
Smart meter goals in MENA	5
Smart grid activity in MENA in 2015	6
Cost of electricity generation in Jordan	7
Solar projects in MENA in 2015	8
Recent distributed generation incentives in MENA	9
Comparison to last year's forecast	10
Smart grid drivers and barriers in MENA	11
Per-capita consumption in MENA	12
Cumulative solar investment in MENA	13
Renewable sources of energy in MENA	13
T&D losses in MENA	14
Electricity prices in MENA	14
Saudi Arabia smart grid roadmap timeline	15
Utility activity in the UAE	16
Israel smart grid roadmap	16
MENA cumulative smart grid forecast by country	17
MENA cumulative smart grid forecast data by country	17
Northeast Group smart grid forecasting model	28
Figure 1.1: Smart grid value chain	29
Figure 1.2: Smart grid model	30
Table 1.1: Benefits of AMI in MENA	33
Table 1.2: Demand response options	36
Figure 1.3: Global smart grid activity	41
Figure 1.4: Cumulative AMI investment by region up to 2015	42
Figure 1.5: Cumulative DA investment by region up to 2015	42
Figure 1.6: Cumulative AMI investment by region up to 2025	43
Figure 1.7: Cumulative DA investment by region up to 2025	43
Figure 2.1: Emerging markets smart meter potential	48
Figure 2.2: Per-capita electricity consumption	50
Figure 2.3: Per-capita CO <sub>2</sub> emissions	50
Figure 2.4: Projected GDP growth	51
Figure 2.5: Per-capita electricity consumption in MENA	52

## List of Figures, Boxes, and Tables (cont.)

Figure 2.6: Renewable sources of energy in MENA	53
Figure 2.7: Cumulative solar investment in MENA	55
Figure 2.8: T&D losses in MENA	57
Figure 2.9: GCC Interconnection	58
Table 2.1: Smart grid market drivers and barriers in MENA	59
Figure 2.10: Electricity prices in MENA	60
Figure 3.1: MENA AMI penetration rate	63
Figure 3.2: Gulf AMI penetration rate	63
Figure 3.3: MENA cumulative smart grid forecast by country	64
Table 3.1: MENA cumulative smart grid forecast data by country	64
Figure 3.4: MENA cumulative smart grid forecast	65
Table 3.2: MENA cumulative smart grid forecast data	65
Figure 3.5: Annual AMI deployments in MENA	66
Figure 3.6: AMI cost breakdown	66
Figure 3.7: AMI forecast by segment	68
Table 3.3: AMI forecast data by segment	68
Figure 3.8: DA forecast by segment	69
Table 3.4: DA forecast data by segment	69
Figure 3.9: HEM forecast by segment	70
Table 3.5: HEM forecast data by segment	70
Figure 3.10: IT forecast by segment	71
Table 3.6: IT forecast data by segment	71
Table 4.1: Saudi Arabia key data	72
Figure 4.1: Saudi Arabia AMI penetration rate	72
Table 4.2: Smart grid indicators in Saudi Arabia	73
Box 4.1: Political risk in Saudi Arabia	74
Figure 4.2: Saudi Arabia smart grid roadmap timeline	79
Figure 4.3: Saudi Arabia cumulative smart grid forecast	83
Table 4.3: Saudi Arabia cumulative smart grid forecast data	83
Figure 4.4: Saudi Arabia cumulative AMI forecast	84
Table 4.4: Saudi Arabia cumulative AMI forecast data	84
Table 5.1: UAE key data	87
Figure 5.1: UAE AMI penetration rate	87
Table 5.2: Smart grid indicators in UAE	88

## List of Figures, Boxes, and Tables (cont.)

Box 5.1: Political risk in UAE	89
Figure 5.2: Voluntary dynamic pricing in Abu Dhabi	92
Figure 5.3: UAE cumulative smart grid forecast	95
Table 5.3: UAE cumulative smart grid forecast data	95
Figure 5.4: UAE cumulative AMI forecast	96
Table 5.4: UAE cumulative AMI forecast data	96
Figure 5.5: Utility activity in the UAE	98
Box 5.2: Dubai's Silicon Park	101
Table 6.1: Israel key data	103
Figure 6.1: Israel AMI penetration rate	103
Table 6.2: Smart grid indicators in Israel	104
Box 6.1: Political risk in Israel	105
Figure 6.2: Israel smart grid roadmap	107
Figure 6.3: Israel cumulative smart grid forecast	109
Table 6.3: Israel cumulative smart grid forecast data	109
Figure 6.4: Israel cumulative AMI forecast	110
Table 6.4: Israel cumulative AMI forecast data	110
Table 7.1: Egypt key data	112
Figure 7.1: Egypt AMI penetration rate	112
Table 7.2: Smart grid indicators in Egypt	113
Box 7.1: Political risk in Egypt	114
Figure 7.2: Egypt cumulative smart grid forecast	117
Table 7.3: Egypt cumulative smart grid forecast data	117
Figure 7.3: Egypt cumulative AMI forecast	118
Table 7.4: Egypt cumulative AMI forecast data	118
Table 8.1: Qatar key data	121
Figure 8.1: Qatar AMI penetration rate	121
Table 8.2: Smart grid indicators in Qatar	122
Box 8.1: Political risk in Qatar	123
Figure 8.2: Qatar cumulative smart grid forecast	128
Table 8.3: Qatar cumulative smart grid forecast data	128
Figure 8.3: Qatar cumulative AMI forecast	129
Table 8.4: Qatar cumulative AMI forecast data	129
Box 8.2: Pearl Qatar	131



## List of Figures, Boxes, and Tables (cont.)

Table 9.1: Lebanon key data	133
Figure 9.1: Lebanon AMI penetration rate	133
Table 9.2: Smart grid indicators in Lebanon	134
Box 9.1: Political risk in Lebanon	137
Figure 9.2: Lebanon cumulative smart grid forecast	139
Table 9.3: Lebanon cumulative smart grid forecast data	139
Figure 9.3: Lebanon cumulative AMI forecast	140
Table 9.4: Lebanon cumulative AMI forecast data	140
Table 10.1: Kuwait key data	143
Figure 10.1: Kuwait AMI penetration rate	143
Table 10.2: Smart grid indicators in Kuwait	144
Box 10.1: Political risk in Kuwait	145
Figure 10.2: Kuwait cumulative smart grid forecast	149
Table 10.3: Kuwait cumulative smart grid forecast data	149
Figure 10.3: Kuwait cumulative AMI forecast	150
Table 10.4: Kuwait cumulative AMI forecast data	150
Table 11.1: Jordan key data	153
Figure 11.1: Jordan AMI penetration rate	153
Table 11.2: Smart grid indicators in Jordan	154
Box 11.1: Political risk in Jordan	157
Figure 11.2: Jordan cumulative smart grid forecast	159
Table 11.3: Jordan cumulative smart grid forecast data	159
Figure 11.3: Jordan cumulative AMI forecast	160
Table 11.4: Jordan cumulative AMI forecast data	160
Table 12.1: Bahrain key data	163
Figure 12.1: Bahrain AMI penetration rate	163
Table 12.2: Smart grid indicators in Bahrain	164
Box 12.1: Political risk in Bahrain	165
Figure 12.2: Bahrain cumulative smart grid forecast	168
Table 12.3: Bahrain cumulative smart grid forecast data	168
Figure 12.3: Bahrain cumulative AMI forecast	169
Table 12.4: Bahrain cumulative AMI forecast data	169
Figure 13.4: Capacity and peak demand in Bahrain in 2011 and 2013	170
Table 13.1: Oman key data	172

## List of Figures, Boxes, and Tables (cont.)

Figure 13.1: Oman AMI penetration rate	172
Table 13.2: Smart grid indicators in Oman	173
Box 13.1: Political risk in Oman	174
Figure 13.2: Oman cumulative smart grid forecast	178
Table 13.3: Oman cumulative smart grid forecast data	178
Figure 13.3: Oman cumulative AMI forecast	179
Table 13.4: Oman cumulative AMI forecast data	179
Table 14.1: Key data for other MENA countries	182
Figure 14.1: T&D losses in MENA	184
Figure 15.1: Market share of leading AMI vendors in MENA	191

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