

# BP Statistical Review of World Energy June 2017



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## Electricity

Generation

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66<sup>th</sup> edition

**Electricity generation\***

Terawatt-hours	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Growth rate per annum			Share 2016
											2016	2015-15	2016	
US	4331.0	4431.8	4390.1	4206.5	4394.3	4363.4	4310.6	4330.3	4363.3	4348.7	<b>4350.8</b>	-0.2%	0.1%	17.5%
Canada	601.5	625.6	627.7	604.2	596.7	628.6	629.0	651.2	648.6	652.3	<b>663.0</b>	1.4%	0.6%	2.7%
Mexico	256.2	263.2	269.3	267.8	275.6	292.1	296.4	297.1	303.3	310.3	<b>314.8</b>	1.1%	2.3%	1.3%
<b>Total North America</b>	<b>5188.7</b>	<b>5320.6</b>	<b>5287.1</b>	<b>5078.4</b>	<b>5266.5</b>	<b>5284.1</b>	<b>5236.0</b>	<b>5278.6</b>	<b>5315.3</b>	<b>5311.3</b>	<b>5328.6</b>	<b>0.1%</b>	<b>0.2%</b>	<b>21.5%</b>
Argentina	112.8	115.2	129.0	129.8	132.5	129.5	136.0	139.7	141.6	145.4	<b>146.9</b>	0.7%	2.7%	0.6%
Brazil	419.4	445.1	463.1	466.2	515.8	531.8	552.5	570.8	590.5	581.5	<b>581.7</b>	-0.2%	3.7%	2.3%
Chile	57.6	60.1	60.9	61.0	61.6	65.0	69.7	73.0	73.6	75.4	<b>77.5</b>	2.4%	3.3%	0.3%
Colombia	59.7	61.1	61.9	63.8	67.0	68.0	69.4	71.6	74.5	77.0	<b>78.5</b>	1.7%	3.3%	0.3%
Ecuador	15.1	17.3	18.6	18.3	19.5	20.5	22.8	23.3	24.3	26.0	<b>27.1</b>	4.1%	6.8%	0.1%
Peru	27.4	29.9	32.5	32.9	35.9	38.8	41.0	43.3	45.5	48.3	<b>51.5</b>	6.3%	6.6%	0.2%
Trinidad & Tobago	6.9	7.7	7.7	7.7	8.5	8.8	9.1	9.5	9.9	9.7	<b>8.9</b>	-8.4%	3.2%	♦
Venezuela	110.6	113.7	119.3	124.8	116.7	122.9	127.9	127.6	110.4	127.8	<b>115.6</b>	-9.8%	2.0%	0.5%
Other S. & Cent. America	178.6	186.8	188.2	187.9	192.1	198.4	205.4	209.6	206.6	212.9	<b>224.6</b>	5.2%	1.9%	0.9%
<b>Total S. &amp; Cent. America</b>	<b>988.1</b>	<b>1037.0</b>	<b>1081.2</b>	<b>1092.5</b>	<b>1149.6</b>	<b>1183.7</b>	<b>1233.9</b>	<b>1268.4</b>	<b>1277.0</b>	<b>1304.0</b>	<b>1312.2</b>	<b>0.4%</b>	<b>3.2%</b>	<b>5.3%</b>
Austria	64.4	64.9	66.9	69.1	71.1	65.9	72.4	68.0	65.1	64.9	<b>67.6</b>	3.8%	-0.3%	0.3%
Azerbaijan	24.5	21.8	21.6	18.9	18.7	20.3	23.0	23.4	24.7	24.7	<b>25.0</b>	0.9%	0.8%	0.1%
Belarus	31.8	31.8	35.1	30.4	34.9	32.2	30.8	31.5	34.7	34.1	<b>33.1</b>	-3.1%	1.0%	0.1%
Belgium	85.6	88.8	84.9	91.2	95.2	90.2	82.9	83.5	72.7	70.6	<b>86.9</b>	22.7%	-2.1%	0.4%
Bulgaria	45.8	43.3	45.0	43.0	46.7	50.8	47.3	43.8	47.5	49.2	<b>45.1</b>	-8.7%	1.0%	0.2%
Czech Republic	84.4	88.0	83.5	82.3	85.9	87.6	87.6	87.1	86.0	83.9	<b>83.3</b>	-1.0%	0.2%	0.3%
Denmark	45.6	39.3	36.6	36.4	38.9	35.2	30.7	34.7	32.2	28.9	<b>30.3</b>	4.4%	-2.2%	0.1%
Finland	82.3	81.2	77.4	72.1	80.7	73.5	70.4	71.2	68.1	68.6	<b>68.6</b>	-0.3%	-0.3%	0.3%
France	575.0	570.3	574.9	542.8	574.3	566.8	565.1	573.1	561.7	568.7	<b>553.4</b>	-3.0%	-0.1%	2.2%
Germany	639.6	640.6	640.7	595.6	633.1	613.1	630.1	638.7	626.7	646.9	<b>648.4</b>	♦	0.4%	2.6%
Greece	60.8	63.5	63.7	61.4	57.4	59.4	61.0	57.2	50.5	51.9	<b>52.5</b>	0.9%	-1.4%	0.2%
Hungary	35.9	40.0	40.0	35.9	37.4	36.0	34.6	30.3	29.4	30.3	<b>31.5</b>	3.7%	-1.6%	0.1%
Ireland	27.5	28.7	30.3	28.4	28.7	27.5	27.6	26.1	26.3	28.4	<b>30.4</b>	6.9%	0.9%	0.1%
Italy	314.1	313.9	319.1	292.6	302.1	302.6	299.3	289.8	279.8	283.0	<b>286.3</b>	0.9%	-0.7%	1.2%
Kazakhstan	71.7	76.6	80.3	78.7	82.6	86.6	90.6	92.6	94.6	91.6	<b>94.5</b>	2.8%	3.0%	0.4%
Lithuania	12.5	14.0	14.0	15.4	5.7	4.8	5.0	4.8	4.4	4.9	<b>4.3</b>	-13.5%	-10.4%	♦
Netherlands	98.8	105.2	108.2	113.5	118.2	113.0	102.5	100.9	103.4	109.6	<b>114.7</b>	4.3%	0.9%	0.5%
Norway	121.4	137.2	142.1	131.8	123.6	127.6	147.7	134.0	142.0	144.5	<b>149.5</b>	3.2%	0.5%	0.6%
Poland	161.7	159.3	155.3	151.7	157.7	163.5	162.1	164.6	159.1	164.9	<b>166.6</b>	0.7%	0.5%	0.7%
Portugal	49.0	47.3	46.0	50.2	54.1	52.5	46.6	51.7	52.8	52.4	<b>60.5</b>	15.1%	1.2%	0.2%
Romania	62.7	61.7	65.0	58.0	61.0	62.2	59.0	58.9	63.3	66.3	<b>64.8</b>	-2.5%	1.1%	0.3%
Russian Federation	992.1	1018.7	1040.0	993.1	1035.7	1050.2	1064.1	1050.7	1058.7	1063.4	<b>1087.1</b>	1.9%	1.1%	4.4%
Slovakia	31.2	27.9	29.3	26.1	27.7	28.1	28.4	28.6	27.3	27.2	<b>27.5</b>	0.7%	-1.4%	0.1%
Spain	302.9	312.2	317.9	296.3	303.0	291.8	297.6	283.6	278.8	280.5	<b>274.4</b>	-2.4%	-0.5%	1.1%
Sweden	143.3	148.7	149.7	136.7	148.3	151.2	166.3	153.2	153.7	162.1	<b>159.9</b>	-4.7%	0.2%	0.6%
Switzerland	66.8	70.9	72.0	71.5	71.2	67.6	73.1	73.5	74.9	70.9	<b>66.3</b>	-6.8%	1.3%	0.3%
Turkey	176.3	191.6	198.4	194.8	211.2	229.4	239.5	240.2	252.0	261.8	<b>272.7</b>	3.9%	4.9%	1.1%
Turkmenistan	13.7	14.9	15.0	16.0	16.7	17.2	17.8	18.9	20.1	21.5	<b>22.6</b>	4.7%	5.3%	0.1%
Ukraine	192.1	195.1	191.7	172.9	187.9	194.9	198.9	194.4	182.8	163.7	<b>163.7</b>	-0.3%	-1.2%	0.7%
United Kingdom	397.3	396.8	388.9	376.8	381.8	367.4	363.6	358.4	338.2	339.1	<b>338.6</b>	-0.4%	-1.6%	1.4%
Uzbekistan	49.3	49.0	50.1	50.0	51.7	52.4	52.5	54.2	55.6	57.6	<b>58.9</b>	1.9%	1.9%	0.2%
Other Europe & Eurasia	186.7	187.3	194.4	196.0	213.3	204.9	201.5	214.1	202.7	201.8	<b>209.3</b>	3.4%	0.9%	0.8%
<b>Total Europe &amp; Eurasia</b>	<b>5246.8</b>	<b>5330.6</b>	<b>5378.1</b>	<b>5129.4</b>	<b>5356.2</b>	<b>5326.4</b>	<b>5379.7</b>	<b>5335.3</b>	<b>5269.3</b>	<b>5318.2</b>	<b>5373.1</b>	<b>0.8%</b>	<b>0.3%</b>	<b>21.7%</b>
Iran	184.3	196.0	206.3	215.1	226.1	235.5	247.7	254.6	274.6	281.9	<b>286.0</b>	1.2%	5.2%	1.2%
Israel	51.8	55.1	55.8	55.3	58.5	59.3	63.0	61.4	61.3	65.4	<b>67.4</b>	2.7%	2.8%	0.3%
Kuwait	47.6	48.8	51.7	53.2	57.1	57.5	62.7	61.0	65.1	68.3	<b>71.1</b>	3.9%	4.6%	0.3%
Qatar	15.3	19.5	21.6	24.2	28.1	30.7	34.8	34.7	38.7	41.8	<b>42.4</b>	0.9%	11.3%	0.2%
Saudi Arabia	181.4	190.5	204.2	217.3	240.1	250.1	271.7	284.0	311.8	328.1	<b>330.5</b>	0.4%	6.4%	1.3%
United Arab Emirates	66.8	78.8	80.5	85.7	93.9	99.1	106.2	110.0	116.5	127.4	<b>136.8</b>	7.1%	7.7%	0.6%
Other Middle East	121.1	128.5	139.6	155.3	167.6	170.8	177.2	171.1	179.1	179.4	<b>181.5</b>	0.9%	4.8%	0.7%
<b>Total Middle East</b>	<b>668.4</b>	<b>717.2</b>	<b>759.8</b>	<b>806.1</b>	<b>871.4</b>	<b>902.9</b>	<b>963.2</b>	<b>976.7</b>	<b>1047.2</b>	<b>1092.4</b>	<b>1115.7</b>	<b>1.9%</b>	<b>5.7%</b>	<b>4.5%</b>
Algeria	35.2	37.3	40.2	43.1	45.7	53.1	57.4	59.9	64.2	68.8	<b>70.2</b>	1.8%	7.3%	0.3%
Egypt	110.7	119.0	127.9	133.3	143.5	148.6	161.9	164.0	170.2	180.6	<b>187.3</b>	3.4%	5.7%	0.8%
South Africa	253.8	263.5	258.3	249.6	259.6	262.5	257.9	256.1	254.7	249.7	<b>251.9</b>	0.6%	0.2%	1.0%
Other Africa	188.3	189.3	194.7	200.6	219.7	218.1	242.3	262.6	275.8	276.3	<b>272.7</b>	-1.6%	4.6%	1.1%
<b>Total Africa</b>	<b>588.0</b>	<b>609.0</b>	<b>621.1</b>	<b>626.6</b>	<b>668.5</b>	<b>682.3</b>	<b>719.4</b>	<b>742.5</b>	<b>764.9</b>	<b>775.4</b>	<b>782.1</b>	<b>0.6%</b>	<b>3.3%</b>	<b>3.2%</b>
Australia	238.0	243.2	245.4	249.9	251.0	256.3	250.7	249.6	247.4	253.0	<b>256.9</b>	1.2%	0.9%	1.0%
Bangladesh	29.5	31.0	34.2	37.2	40.8	44.2	48.6	53.1	55.8	60.8	<b>67.4</b>	10.6%	8.7%	0.3%
China	2865.7	3281.6	3495.8	3714.7	4207.2	4713.0	4987.6	5431.6	5649.6	5814.6	<b>6142.5</b>	5.4%	8.8%	24.8%
China Hong Kong SAR	38.6	38.9	38.0	38.7	38.3	39.0	38.8	39.1	39.8	38.0	<b>38.2</b>	0.3%	-0.1%	0.2%
India	744.1	794.8	825.8	879.7	935.3	1031.1	1088.2	1141.4	1252.0	1308.4	<b>1400.8</b>	6.8%	6.4%	5.6%
Indonesia	133.1	142.4	149.4	156.8	169.8	183.4	200.3	216.2	228.5	234.0	<b>248.9</b>	6.1%	6.3%	1.0%
Japan	1164.3	1180.1	1183.7	1114.0	1156.0	1104.2	1106.9	1087.8	1062.7	1030.1	<b>999.6</b>	-3.2%	-1.1%	4.0%
Malaysia	100.0	103.6	106.9	111.3	120.1	120.9	127.3	138.3	143.6	144.7	<b>156.8</b>	8.1%	4.4%	0.6%
New Zealand	43.4	43.8	43.8	43.4	44.9	44.4	44.3	43.3	43.6	44.3	<b>43.9</b>	-1.2%	0.3%	0.2%
Pakistan	96.1	98.1	96.2	97.1	100.3	100.3	99.3	102.2	107.2	110.2	<b>115.4</b>	4.5%	2.0%	0.5%
Philippines	56.8	59.6	60.8	61.9	67.7	69.2	72.9	75.3	77.3	82.4	<b>89.9</b>	8.8%	3.8%	0.4%
Singapore	39.4	41.1	41.7	41.8	45.4	46.0	46.9	48.0	49.3	50.3	<b>51.6</b>	2.3%	2.8%	0.2%
South Korea														