

**Table 11.17 World Electrical Installed Capacity by Type, 1980, 1990, and 2005**  
(Million Kilowatts)

Region and Country	Fossil Fuels			Nuclear Electric Power			Hydroelectric Power <sup>1</sup>			Total <sup>2</sup>		
	1980	1990	2005 <sup>P</sup>	1980	1990	2005 <sup>P</sup>	1980	1990	2005 <sup>P</sup>	1980	1990	2005 <sup>P</sup>
<b>North America</b> .....	<b>481.7</b>	<b>574.9</b>	<b>831.4</b>	<b>57.7</b>	<b>112.2</b>	<b>114.2</b>	<b>135.7</b>	<b>159.1</b>	<b>180.1</b>	<b>676.6</b>	<b>861.3</b>	<b>1,150.5</b>
Canada .....	26.6	28.0	35.1	5.9	11.9	12.8	47.9	57.9	70.7	80.8	98.9	120.3
Mexico .....	10.8	18.9	39.0	.0	.7	1.4	6.1	7.8	10.6	17.0	28.0	51.9
United States <sup>3</sup> .....	444.1	527.8	757.1	51.8	99.6	100.0	81.7	93.4	98.9	578.6	734.1	978.0
Other .....	.2	.3	.3	.0	.0	.0	.0	.0	.0	.2	.3	.3
<b>Central and South America</b> .....	<b>36.0</b>	<b>44.9</b>	<b>80.2</b>	<b>.4</b>	<b>1.7</b>	<b>3.0</b>	<b>43.0</b>	<b>84.1</b>	<b>125.0</b>	<b>81.2</b>	<b>132.8</b>	<b>214.9</b>
Argentina .....	8.0	9.5	17.3	.4	1.0	1.0	3.6	6.6	9.9	12.0	17.2	28.2
Brazil .....	4.1	4.7	13.8	.0	.7	2.0	27.5	44.8	69.0	33.4	52.1	90.7
Paraguay .....	.1	(s)	(s)	.0	.0	.0	.2	5.8	7.4	.2	5.8	7.4
Venezuela .....	5.8	8.5	8.3	.0	.0	.0	2.7	10.0	13.9	8.5	18.5	22.1
Other .....	18.0	22.1	40.8	.0	.0	.0	9.0	16.9	24.8	27.1	39.2	66.4
<b>Europe</b> <sup>4</sup> .....	<b>R 351.2</b>	<b>R 386.6</b>	<b>455.3</b>	<b>46.5</b>	<b>125.7</b>	<b>137.5</b>	<b>135.3</b>	<b>153.9</b>	<b>169.5</b>	<b>R 533.8</b>	<b>R 669.3</b>	<b>803.4</b>
Belgium .....	8.2	7.2	8.0	1.7	5.5	5.8	.7	.1	.1	10.6	12.8	14.3
Czech Republic .....	--	--	11.5	--	--	3.8	--	--	1.0	--	--	16.3
Finland .....	6.3	7.8	10.8	2.2	2.4	2.7	2.4	2.6	3.0	11.0	12.7	16.6
France .....	30.1	22.8	27.8	14.4	52.5	63.4	16.4	20.3	21.0	61.1	95.9	112.7
Germany .....	84.1	87.5	78.4	10.4	24.5	20.6	7.9	8.7	4.1	102.5	121.6	120.4
Italy .....	27.6	37.5	57.8	1.4	.0	.0	15.8	12.6	16.7	45.3	50.6	77.3
Netherlands .....	16.9	16.8	20.2	.5	.5	.4	.0	(s)	(s)	17.4	17.3	21.8
Norway .....	.2	.2	.1	.0	.0	.0	19.8	25.7	26.1	20.0	26.0	26.5
Poland .....	23.0	26.1	29.4	.0	.0	.0	.6	.6	.9	23.6	26.8	30.3
Romania .....	12.7	17.3	13.3	.0	.0	.7	3.5	5.6	6.3	16.1	22.9	20.3
Spain .....	13.9	19.9	35.5	1.1	7.5	7.6	13.5	11.6	15.6	28.5	39.1	66.9
Sweden .....	7.9	7.2	7.6	4.6	9.9	9.5	14.9	15.8	16.3	27.4	33.5	33.9
Switzerland .....	.6	.8	.5	1.9	3.0	3.2	11.5	11.6	13.3	14.0	15.3	17.5
Turkey .....	3.0	9.2	24.1	.0	.0	.0	2.1	6.6	12.6	5.1	15.8	36.8
United Kingdom .....	65.6	59.1	62.0	6.5	11.4	11.9	2.5	1.4	1.5	74.5	72.0	78.1
Other .....	R 51.2	R 67.2	68.2	1.7	8.6	8.1	23.8	30.7	30.9	R 76.8	R 106.9	113.6
<b>Eurasia</b> <sup>5</sup> .....	<b>201.9</b>	<b>240.8</b>	<b>238.1</b>	<b>12.5</b>	<b>37.9</b>	<b>38.6</b>	<b>52.3</b>	<b>65.0</b>	<b>68.5</b>	<b>266.7</b>	<b>343.7</b>	<b>345.4</b>
Kazakhstan .....	--	--	14.9	--	--	.0	--	--	2.2	--	--	17.2
Russia .....	--	--	148.3	--	--	23.2	--	--	45.5	--	--	217.2
Ukraine .....	--	--	36.2	--	--	13.8	--	--	4.8	--	--	54.9
Other .....	201.9	240.8	38.7	12.5	37.9	1.6	52.3	65.0	15.9	266.7	343.7	56.1
<b>Middle East</b> .....	<b>R 27.6</b>	<b>R 67.6</b>	<b>115.6</b>	<b>.0</b>	<b>.0</b>	<b>.0</b>	<b>2.6</b>	<b>4.8</b>	<b>7.5</b>	<b>R 30.1</b>	<b>R 72.4</b>	<b>123.0</b>
Iran .....	9.4	15.5	37.9	.0	.0	.0	1.8	2.0	4.8	11.2	17.4	42.7
Saudi Arabia .....	5.9	19.1	30.5	.0	.0	.0	.0	.0	.0	5.9	19.1	30.5
Other .....	R 12.3	R 33.1	47.2	.0	.0	.0	.8	2.8	2.6	R 13.0	R 35.9	49.8
<b>Africa</b> .....	<b>30.5</b>	<b>57.4</b>	<b>82.8</b>	<b>.0</b>	<b>1.8</b>	<b>1.8</b>	<b>13.9</b>	<b>R 18.7</b>	<b>21.6</b>	<b>44.5</b>	<b>R 78.1</b>	<b>106.5</b>
Egypt .....	2.4	8.7	15.7	.0	.0	.0	2.4	2.7	2.7	4.9	11.5	18.5
South Africa .....	17.8	28.6	38.0	.0	1.8	1.8	.5	.6	.7	18.4	31.0	40.5
Other .....	10.3	20.1	29.1	.0	.0	.0	10.9	R 15.4	18.2	21.2	R 35.6	47.6
<b>Asia and Oceania</b> <sup>4</sup> .....	<b>218.9</b>	<b>365.4</b>	<b>849.0</b>	<b>18.5</b>	<b>43.9</b>	<b>79.1</b>	<b>74.4</b>	<b>109.3</b>	<b>211.1</b>	<b>312.5</b>	<b>520.2</b>	<b>1,149.7</b>
Australia .....	17.6	27.8	40.8	.0	.0	.0	6.2	7.3	7.8	23.8	35.1	49.3
China .....	45.6	92.1	329.5	.0	.0	6.8	20.3	34.6	105.2	65.9	126.6	442.4
India .....	20.7	51.9	99.8	.9	1.6	2.8	11.8	18.3	31.0	33.3	71.8	137.6
Indonesia .....	3.9	9.6	17.9	.0	.0	.0	1.0	3.0	4.6	4.9	12.7	23.2
Japan .....	94.3	119.1	177.5	15.7	29.4	47.1	19.6	20.4	22.0	129.8	169.1	247.9
South Korea .....	6.5	11.0	43.8	.6	7.6	16.7	.8	1.3	1.6	7.9	20.0	62.2
Taiwan .....	6.9	10.2	27.6	1.3	5.1	5.1	1.4	2.6	4.5	9.6	17.9	37.4
Thailand .....	2.6	6.0	22.4	.0	.0	.0	1.3	2.3	3.5	3.8	8.3	25.9
Other .....	20.8	37.7	89.7	.1	.1	.5	12.1	19.6	30.9	33.6	58.7	123.7
<b>World</b> .....	<b>1,347.8</b>	<b>1,737.6</b>	<b>2,652.3</b>	<b>135.5</b>	<b>323.1</b>	<b>374.2</b>	<b>457.2</b>	<b>R 594.9</b>	<b>783.2</b>	<b>1,945.5</b>	<b>R 2,677.8</b>	<b>3,893.3</b>

<sup>1</sup> Excludes pumped storage, except for the United States.

<sup>2</sup> Wood, waste, geothermal, solar, wind, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies are included in total.

<sup>3</sup> Net summer capability.

<sup>4</sup> Excludes countries that were part of the former U.S.S.R. See "U.S.S.R." in Glossary.

<sup>5</sup> Includes only countries that were part of the former U.S.S.R. See "U.S.S.R." in Glossary.

P=Preliminary. -- = Not applicable. (s)=Less than 0.05 million kilowatts.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/international>.

Source: **United States:** Table 8.11a **All Other Data:** Energy Information Administration, International Energy Database, April 24, 2008.