

**Table 11.16 World Net Generation of Electricity by Type, 1980, 1990, and 2006**  
(Billion Kilowatthours)

Region and Country	Fossil Fuels			Nuclear Electric Power			Hydroelectric Power <sup>1</sup>			Total <sup>2</sup>		
	1980	1990	2006 <sup>P</sup>	1980	1990	2006 <sup>P</sup>	1980	1990	2006 <sup>P</sup>	1980	1990	2006 <sup>P</sup>
<b>North America</b> .....	<b>1,880.1</b>	<b>2,292.0</b>	<b>3,212.2</b>	<b>287.0</b>	<b>648.9</b>	<b>890.6</b>	<b>546.9</b>	<b>606.5</b>	<b>664.6</b>	<b>2,721.6</b>	<b>3,624.0</b>	<b>4,896.7</b>
Canada .....	79.8	101.9	138.7	35.9	69.2	93.1	251.0	293.9	351.8	367.9	468.7	594.6
Mexico .....	46.0	85.7	187.2	.0	2.8	10.3	16.7	23.2	30.1	63.6	116.6	236.4
United States .....	1,753.8	2,103.8	2,885.3	251.1	576.9	787.2	279.2	289.4	282.7	2,289.6	3,038.0	4,064.7
Other .....	.5	.7	1.0	.0	.0	.0	.0	.0	.0	.5	.7	1.0
<b>Central and South America</b> .....	<b>99.8</b>	<b>115.1</b>	<b>265.3</b>	<b>2.2</b>	<b>9.0</b>	<b>20.9</b>	<b>201.5</b>	<b>365.1</b>	<b>639.6</b>	<b>308.1</b>	<b>497.0</b>	<b>951.0</b>
Argentina .....	22.2	20.9	63.8	2.2	7.0	7.2	17.3	20.2	37.0	41.8	48.3	109.4
Brazil .....	7.5	8.3	35.6	.0	1.9	13.8	128.4	204.6	345.3	138.2	219.4	411.7
Paraguay .....	(s)	(s)	(s)	.0	.0	.0	.7	27.2	53.2	.8	27.2	53.2
Venezuela .....	17.6	21.0	27.1	.0	.0	.0	14.4	36.6	81.3	32.0	57.6	108.4
Other .....	52.4	64.8	138.8	.0	.0	.0	40.6	76.4	122.7	95.3	144.4	268.2
<b>Europe</b> <sup>3</sup> .....	<b>1,453.3</b>	<b>1,441.4</b>	<b>1,880.8</b>	<b>229.6</b>	<b>761.3</b>	<b>958.1</b>	<b>458.0</b>	<b>474.5</b>	<b>532.0</b>	<b>2,154.7</b>	<b>2,696.9</b>	<b>3,554.4</b>
Belgium .....	38.3	25.0	31.6	11.9	40.6	44.3	.3	.3	.4	50.8	66.5	79.6
Czech Republic .....	--	--	50.8	--	--	24.7	--	--	2.5	--	--	79.0
Finland .....	22.0	22.8	34.2	6.6	18.3	21.8	10.1	10.8	11.4	38.7	51.8	77.9
France .....	118.0	44.3	52.2	63.4	298.4	427.7	68.3	52.8	55.3	250.8	397.6	542.4
Germany .....	390.3	358.9	364.6	55.6	145.1	158.9	18.8	17.2	19.7	469.9	526.0	594.8
Italy .....	125.5	167.5	239.1	2.1	.0	.0	45.0	31.3	36.6	176.4	202.1	291.2
Netherlands .....	58.0	63.2	80.1	3.9	3.3	3.3	.0	.1	.1	62.9	67.7	92.6
Norway .....	.1	.2	.6	.0	.0	.0	82.7	119.9	118.2	82.9	120.4	119.9
Poland .....	111.1	125.0	146.7	.0	.0	.0	2.3	1.4	2.0	113.8	126.7	151.2
Romania .....	51.4	50.1	35.9	.0	.0	5.2	12.5	10.9	18.2	63.9	61.0	59.3
Spain .....	74.5	66.5	174.2	5.2	51.6	57.1	29.2	25.2	25.3	109.2	143.9	283.4
Sweden .....	10.1	3.2	4.0	25.3	64.8	63.6	58.1	71.8	61.1	94.3	141.5	138.5
Switzerland .....	.9	.6	.9	12.9	22.4	26.4	32.5	29.5	30.6	46.4	53.0	60.2
Turkey .....	12.0	32.3	123.8	.0	.0	.0	11.2	22.9	43.8	23.3	55.2	167.9
United Kingdom .....	228.9	230.0	280.4	32.3	62.5	71.7	3.9	5.1	4.6	265.1	299.0	372.0
Other .....	212.1	251.6	261.6	10.3	54.4	53.3	83.2	75.4	102.2	306.3	384.3	444.3
<b>Eurasia</b> <sup>4</sup> .....	<b>1,037.1</b>	<b>1,204.1</b>	<b>890.0</b>	<b>72.9</b>	<b>201.3</b>	<b>240.2</b>	<b>184.0</b>	<b>230.7</b>	<b>243.5</b>	<b>1,294.0</b>	<b>1,636.1</b>	<b>1,377.0</b>
Kazakhstan .....	--	--	60.1	--	--	.0	--	--	7.7	--	--	67.8
Russia .....	--	--	619.6	--	--	144.3	--	--	173.6	--	--	940.6
Ukraine .....	--	--	84.7	--	--	84.8	--	--	12.9	--	--	182.4
Other .....	1,037.1	1,204.1	125.6	72.9	201.3	11.1	184.0	230.7	49.3	1,294.0	1,636.1	186.2
<b>Middle East</b> .....	<b>81.8</b>	<b>214.7</b>	<b>618.1</b>	<b>.0</b>	<b>.0</b>	<b>.0</b>	<b>9.6</b>	<b>9.6</b>	<b>23.2</b>	<b>91.4</b>	<b>224.3</b>	<b>641.4</b>
Iran .....	15.7	49.8	171.8	.0	.0	.0	5.6	6.0	18.0	21.3	55.9	189.9
Saudi Arabia .....	20.5	64.9	169.0	.0	.0	.0	.0	.0	.0	20.5	64.9	169.0
Other .....	45.7	99.9	277.3	.0	.0	.0	4.1	3.6	5.2	49.7	103.6	282.5
<b>Africa</b> .....	<b>128.5</b>	<b>243.6</b>	<b>443.5</b>	<b>.0</b>	<b>8.4</b>	<b>10.1</b>	<b>60.1</b>	<b>54.9</b>	<b>90.9</b>	<b>188.8</b>	<b>307.5</b>	<b>546.8</b>
Egypt .....	8.6	31.5	95.8	.0	.0	.0	9.7	9.9	12.8	18.3	41.4	109.1
South Africa .....	92.1	146.6	216.2	.0	8.4	10.1	1.0	1.0	1.1	93.1	156.0	227.7
Other .....	27.9	65.5	131.5	.0	.0	.0	49.4	44.0	77.0	77.5	110.0	209.9
<b>Asia and Oceania</b> <sup>3</sup> .....	<b>908.1</b>	<b>1,624.3</b>	<b>4,634.1</b>	<b>92.7</b>	<b>279.9</b>	<b>540.4</b>	<b>262.7</b>	<b>404.1</b>	<b>796.6</b>	<b>1,268.4</b>	<b>2,330.4</b>	<b>6,040.7</b>
Australia .....	74.5	131.8	218.0	.0	.0	.0	12.8	14.0	15.5	87.7	146.4	237.1
China .....	227.9	465.2	2,225.1	.0	.0	54.8	57.6	125.1	431.4	285.5	590.3	2,717.5
India .....	69.7	198.9	565.8	3.0	5.6	15.6	46.5	70.9	112.5	119.3	275.5	703.3
Indonesia .....	10.6	35.3	109.8	.0	.0	.0	2.2	6.7	9.5	12.8	43.0	125.7
Japan .....	381.6	524.0	633.7	78.6	192.2	288.3	87.8	88.4	84.9	549.1	817.3	1,032.7
South Korea .....	29.8	45.5	234.4	3.3	50.2	141.3	1.5	4.6	3.4	34.6	100.4	379.7
Taiwan .....	31.3	43.6	170.6	7.8	31.6	37.9	2.9	8.2	7.9	42.0	83.3	216.6
Thailand .....	12.3	38.7	119.8	.0	.0	.0	1.3	4.9	7.9	13.6	43.7	130.7
Other .....	70.4	141.3	357.0	(s)	.4	2.5	50.0	81.2	123.5	123.9	230.6	497.4
<b>World</b> .....	<b>5,588.7</b>	<b>7,135.2</b>	<b>11,943.9</b>	<b>684.4</b>	<b>1,908.8</b>	<b>2,660.3</b>	<b>1,722.9</b>	<b>2,145.4</b>	<b>2,990.5</b>	<b>8,027.1</b>	<b>11,316.2</b>	<b>18,008.1</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> Excludes countries that were part of the former U.S.S.R. See "Union of Soviet Socialist Republics (U.S.S.R.)\*" in Glossary.

<sup>4</sup> Includes only countries that were part of the former U.S.S.R. See "Eurasia" and "Union of Soviet

Socialist Republics (U.S.S.R.)\*" in Glossary.

R=Revised. P=Preliminary. -- = Not applicable. (s)=Less than 0.05 billion kilowatthours.

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

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

Sources: **United States:** Table 8.2a. **All Other Data:** Energy Information Administration, International Energy Database, April 3, 2009.