

**Table 1387. Net Electricity Generation by Type and Country: 2008**

[19,103.2 represents 19,103,200,000,000. kWh = kilowatt hours]

Country	Total <sup>1</sup> (bil. kWh)	Percent distribution			Country	Total <sup>1</sup> (bil. kWh)	Percent distribution		
		Thermal <sup>2</sup>	Hydro	Nuclear			Thermal <sup>2</sup>	Hydro	Nuclear
<b>World, total</b> <sup>3</sup> . . . . .	<b>19,103.2</b>	<b>67.4</b>	<b>16.3</b>	<b>13.6</b>	Norway . . . . .	139.7	0.4	98.9	—
<b>United States</b> . . . . .	<b>4,119.4</b>	<b>71.0</b>	<b>6.2</b>	<b>19.6</b>	Thailand . . . . .	139.0	91.6	5.1	—
China <sup>4</sup> . . . . .	3,221.2	81.3	16.2	2.0	Egypt . . . . .	123.9	87.6	11.7	—
Japan . . . . .	1,015.2	65.8	7.4	24.2	Venezuela . . . . .	118.1	26.6	73.4	—
Russia . . . . .	984.5	67.6	16.6	15.7	Argentina . . . . .	115.4	66.9	26.0	6.0
India . . . . .	785.5	82.0	14.4	1.7	Netherlands . . . . .	101.3	85.6	0.1	3.9
Canada . . . . .	632.2	24.2	59.9	14.1	Malaysia . . . . .	91.9	92.0	8.0	—
Germany . . . . .	594.7	61.3	3.5	23.7	Pakistan . . . . .	87.7	66.7	31.4	2.0
France . . . . .	541.9	9.5	11.6	77.0	United Arab Emirates . . . . .	81.1	100.0	—	—
Brazil . . . . .	454.8	12.2	80.4	3.1	Belgium . . . . .	78.4	38.7	0.5	55.2
Korea, South . . . . .	418.2	64.8	0.7	34.3	Czech Republic . . . . .	78.4	63.4	2.6	32.2
United Kingdom . . . . .	361.8	80.4	1.4	13.8	Kazakhstan . . . . .	75.9	90.3	9.7	—
Italy . . . . .	295.0	80.5	14.0	—	Finland . . . . .	73.6	33.2	23.0	29.6
Spain . . . . .	293.5	60.7	7.9	19.1	Vietnam . . . . .	70.0	63.2	36.8	—
Mexico . . . . .	245.5	77.3	15.8	3.8	Switzerland . . . . .	64.4	1.3	55.4	40.9
Australia . . . . .	242.2	92.7	4.9	—	Romania . . . . .	62.0	55.3	27.4	17.2
South Africa . . . . .	238.3	95.0	0.5	4.7	Austria . . . . .	61.9	29.4	60.7	—
Taiwan <sup>4</sup> . . . . .	221.4	78.8	1.9	17.7	Chile . . . . .	60.3	55.9	39.2	—
Iran . . . . .	201.7	97.6	2.3	—	Greece . . . . .	59.0	91.1	5.6	—
Saudi Arabia . . . . .	191.9	100.0	—	—	Philippines . . . . .	57.4	65.8	17.0	—
Turkey . . . . .	188.8	81.6	17.4	—	Paraguay . . . . .	54.9	(Z)	100.0	—
Ukraine . . . . .	181.3	47.3	6.2	46.5	Israel . . . . .	53.0	99.6	(Z)	—
Poland . . . . .	146.1	95.8	1.5	—	Colombia . . . . .	51.0	14.3	84.5	—
Sweden . . . . .	145.1	2.4	47.1	41.8	Uzbekistan . . . . .	47.0	76.1	23.9	—
Indonesia . . . . .	141.2	86.3	8.1	—	Portugal . . . . .	43.0	66.7	15.6	—
					Bulgaria . . . . .	41.7	58.3	6.7	35.3

— Represents zero. Z Less than 0.05 percent. <sup>1</sup> Includes thermal, hydro, nuclear, and geothermal, solar, wind, and wood and waste generation, some of which are not shown separately. <sup>2</sup> Electricity generated from coal, oil, and gas. <sup>3</sup> Includes countries not shown separately. <sup>4</sup> See footnote 4, Table 1332.

Source: U.S. Energy Information Administration, International Energy Statistics database, <<http://www.eia.gov/cfapps/ipdbproject/IEDIndex3.cfm>>, accessed April 2011.

**Table 1388. Commercial Nuclear Power Generation by Country: 1990 to 2010**

[Generation for calendar years; other data as of December (1,743.9 represents 1,743,900,000,000). kWh = kilowatt-hours. kW = kilowatts]

Country	Reactors				Gross electricity generated (bil. kWh)				Gross capacity (1,000 kW)			
	1990	2000	2009	2010	1990	2000	2009	2010	1990	2000	2009	2010
<b>Total</b> . . . . .	<b>368</b>	<b>433</b>	<b>441</b>	<b>441</b>	<b>1,743.9</b>	<b>2,540.5</b>	<b>2,546.6</b>	<b>2,591.9</b>	<b>301,745</b>	<b>373,804</b>	<b>397,295</b>	<b>396,693</b>
<b>United States</b> . . . . .	<b>112</b>	<b>104</b>	<b>104</b>	<b>104</b>	<b>606.4</b>	<b>789.1</b>	<b>833.6</b>	<b>864.1</b>	<b>105,998</b>	<b>103,129</b>	<b>107,023</b>	<b>107,642</b>
Argentina . . . . .	2	2	2	2	7.0	6.2	8.2	7.1	1,005	1,005	1,005	1,005
Armenia . . . . .	(X)	1	1	1	(X)	(NA)	2.5	2.4	(X)	408	408	408
Belgium . . . . .	7	7	7	7	42.7	48.2	47.2	47.9	5,740	5,995	6,207	6,211
Brazil . . . . .	1	2	2	2	2.0	6.1	12.9	14.5	657	1,966	2,007	2,007
Bulgaria . . . . .	(X)	6	2	2	(X)	(NA)	15.3	15.2	(X)	3,760	2,000	2,000
Canada . . . . .	19	21	21	19	74.0	73.8	90.9	52.2	13,855	15,795	15,367	14,331
China <sup>1</sup> . . . . .	(NA)	2	11	13	(NA)	14.7	(NA)	(NA)	(NA)	1,968	9,014	10,744
Czech Republic . . . . .	(X)	4	6	6	(X)	13.6	27.1	27.8	(X)	1,760	3,876	3,892
Finland . . . . .	4	4	4	4	18.9	22.5	23.5	22.8	2,400	2,760	2,800	2,820
France . . . . .	58	57	58	58	314.1	395.7	410.0	428.2	58,862	62,920	65,880	65,880
Germany . . . . .	22	19	17	17	147.2	169.7	134.9	140.5	23,973	22,234	21,497	21,517
Great Britain . . . . .	42	33	19	19	68.8	83.6	(NA)	(NA)	15,274	15,272	12,540	11,709
Hungary . . . . .	4	4	4	4	13.6	14.1	15.4	15.7	1,760	1,851	2,000	2,000
India . . . . .	6	13	17	19	6.0	15.5	17.0	23.3	1,330	2,960	4,120	4,560
Italy . . . . .	2	(NA)	(NA)	(NA)	—	(NA)	(NA)	(NA)	1,132	(NA)	(NA)	(NA)
Japan . . . . .	40	52	56	54	191.9	319.8	272.3	292.3	31,645	45,082	50,492	48,847
Korea, South . . . . .	9	16	20	20	52.8	108.9	147.8	149.7	7,616	13,768	18,393	18,509
Lithuania . . . . .	(X)	2	1	—	(X)	7.8	11.6	—	(X)	3,000	1,300	—
Mexico . . . . .	1	2	2	2	2.1	8.2	10.5	5.8	675	1,350	1,364	1,502
Netherlands . . . . .	2	1	1	1	3.4	3.9	4.2	3.9	540	480	515	515
Pakistan . . . . .	1	1	2	2	0.4	0.4	2.9	2.7	137	137	462	462
Romania . . . . .	(X)	1	2	2	(X)	5.5	11.7	11.6	(X)	706	1,412	1,412
Russia . . . . .	(X)	29	31	32	(X)	128.9	163.3	167.8	(X)	21,266	23,242	24,242
Slovakia . . . . .	(X)	6	4	4	(X)	16.5	(NA)	(NA)	(X)	2,640	1,894	1,894
Slovenia . . . . .	1	1	1	1	4.6	4.8	5.7	5.6	664	664	727	727
South Africa . . . . .	2	2	2	2	8.9	13.6	12.1	13.5	1,930	1,930	1,930	1,930
Spain . . . . .	10	9	8	8	54.3	62.2	52.9	61.9	7,984	7,808	7,735	7,800
Sweden . . . . .	12	11	10	10	68.2	57.3	52.3	58.2	10,344	9,844	9,685	9,743
Switzerland . . . . .	5	5	5	5	23.6	26.3	27.5	26.5	3,079	3,322	3,370	3,405
Taiwan <sup>1</sup> . . . . .	6	6	6	6	32.9	38.5	41.6	41.6	5,146	5,144	5,144	5,144
Ukraine . . . . .	(X)	14	15	15	(X)	77.3	82.2	89.1	(X)	12,880	13,880	13,835

— Represents zero. NA Not available. X Not applicable. <sup>1</sup> See footnote 4, Table 1332.

Source: Platts Energy, A Division of The McGraw-Hill Companies Inc., New York, NY, *Nucleonics Week*, February issue (copyright).