

Table E1. World Nuclear Generating Capacity by Region and Country, Reference Case, 1999-2025
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Industrialized Countries								
North America	112,446	109,353	109,530	114,758	115,163	115,353	115,468	112,611
United States.	97,470	97,975	98,152	100,152	99,288	99,479	99,593	99,593
Canada.	13,616	10,018	10,018	13,232	14,433	14,433	14,433	11,576
Mexico	1,360	1,360	1,360	1,374	1,442	1,442	1,442	1,442
Western Europe	124,902	125,882	125,882	124,185	126,101	120,913	111,721	96,355
Belgium	5,712	5,712	5,712	5,769	6,055	5,639	4,204	0
Finland	2,656	2,656	2,656	2,656	3,656	3,656	3,656	3,656
France	61,623	63,073	63,073	63,468	66,610	66,610	66,610	64,681
Germany	21,345	21,345	21,345	21,558	18,831	18,153	12,685	5,690
Netherlands	450	450	450	450	450	450	0	0
Spain	7,524	7,524	7,524	7,599	7,813	7,813	7,341	7,341
Sweden	9,432	9,432	9,432	8,466	8,249	8,249	8,249	7,321
Switzerland.	3,192	3,192	3,192	3,224	3,384	3,384	2,997	2,242
United Kingdom	12,968	12,498	12,498	10,994	11,053	6,959	5,979	5,424
Industrialized Asia	43,491	43,245	43,245	44,958	49,398	52,238	52,238	51,899
Japan	43,491	43,245	43,245	44,958	49,398	52,238	52,238	51,899
Total Industrialized	280,839	278,480	278,657	283,900	290,662	288,504	279,426	260,865
EE/FSU								
Eastern Europe.	10,292	10,680	11,592	11,805	10,659	10,659	11,309	11,309
Bulgaria	3,538	3,538	3,538	2,749	2,020	2,020	2,020	2,020
Czech Republic	1,648	1,648	2,560	3,507	3,680	3,680	3,680	3,680
Hungary	1,755	1,755	1,755	1,773	1,860	1,860	1,860	1,860
Romania	655	655	655	662	694	694	1,344	1,344
Slovakia	2,020	2,408	2,408	2,432	1,688	1,688	1,688	1,688
Slovenia	676	676	676	683	717	717	717	717
Former Soviet Union.	34,704	33,779	34,729	34,814	35,745	34,364	28,546	23,412
Armenia	376	376	376	376	376	0	0	0
Lithuania	2,370	2,370	2,370	1,185	0	0	0	0
Russia	19,843	19,843	20,793	21,951	23,507	22,504	16,685	14,463
Ukraine.	12,115	11,190	11,190	11,302	11,861	11,861	11,861	8,949
Total EE/FSU.	44,996	44,459	46,321	46,619	46,404	45,024	39,855	34,722

See notes at end of table.

Table E1. World Nuclear Generating Capacity by Region and Country, Reference Case, 1999-2025
(Continued)
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Developing Countries								
Developing Asia	21,861	22,767	22,969	32,323	39,077	51,535	55,485	61,695
China	2,167	2,167	2,167	7,603	8,603	16,603	16,603	19,593
India	1,695	2,301	2,503	2,413	4,153	5,886	6,536	6,986
Pakistan	125	425	425	425	425	300	900	900
South Korea	12,990	12,990	12,990	16,949	18,007	20,857	23,557	27,607
Taiwan	4,884	4,884	4,884	4,933	7,889	7,889	7,889	6,609
Middle East	0	0	0	915	915	2,111	2,111	3,111
Iran	0	0	0	915	915	2,111	2,111	2,111
Turkey	0	0	0	0	0	0	0	1,000
Africa	1,800	1,800	1,800	1,818	1,908	1,908	1,908	1,908
South Africa	1,800	1,800	1,800	1,818	1,908	1,908	1,908	1,908
Central and South America	1,561	2,836	2,836	2,836	2,836	4,065	3,730	3,730
Argentina	935	935	935	935	935	935	600	600
Brazil	626	1,901	1,901	1,901	1,901	3,130	3,130	3,130
Total Developing	25,466	27,403	27,605	37,892	44,736	59,619	63,234	70,444
Total World	349,233	350,342	352,583	368,411	381,802	393,147	382,516	366,030

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding.

Sources: **History:** International Atomic Energy Agency, *Nuclear Power Reactors in the World 2001* (Vienna, Austria, April 2002).

Projections: Energy Information Administration (EIA), *Annual Energy Outlook 2003*, DOE/EIA-0383(2003) (Washington, DC, January 2003), Table A9; and EIA, Office of Coal, Nuclear, Electric and Alternate Fuels, based on detailed assessments of country-specific nuclear power plants.

Table E2. World Nuclear Generating Capacity by Region and Country, High Growth Case, 1999-2025
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Industrialized Countries								
North America	112,446	109,353	109,530	114,758	115,163	116,053	117,868	119,568
United States	97,470	97,975	98,152	100,152	99,288	99,479	99,593	99,593
Canada	13,616	10,018	10,018	13,232	14,433	15,133	15,833	16,533
Mexico	1,360	1,360	1,360	1,374	1,442	1,442	2,442	3,442
Western Europe	124,902	125,882	125,882	126,351	131,447	138,531	147,539	158,293
Belgium	5,712	5,712	5,712	5,769	6,055	6,055	6,055	8,055
Finland	2,656	2,656	2,656	2,656	3,656	4,656	4,656	5,656
France	61,623	63,073	63,073	63,704	66,610	69,510	72,410	75,310
Germany	21,345	21,345	21,345	21,558	22,265	22,265	23,200	23,284
Italy	0	0	0	0	0	0	1,000	2,000
Netherlands	450	450	450	450	450	450	450	1,450
Spain	7,524	7,524	7,524	7,599	7,975	8,813	9,813	10,813
Sweden	9,432	9,432	9,432	9,526	9,998	9,362	9,362	10,362
Switzerland	3,192	3,192	3,192	3,224	3,384	3,384	4,384	4,384
United Kingdom	12,968	12,498	12,498	11,864	11,053	14,036	16,209	16,979
Industrialized Asia	43,491	43,491	43,245	46,974	51,645	59,956	70,356	73,706
Japan	43,491	43,491	43,245	46,974	51,645	59,956	70,356	73,706
Total Industrialized	280,839	278,726	278,657	288,083	298,254	314,541	335,762	351,567
EE/FSU								
Eastern Europe	10,292	10,680	11,592	12,629	12,607	16,165	19,688	25,688
Bulgaria	3,538	3,538	3,538	3,573	2,885	3,838	3,973	4,973
Czech Republic	1,648	1,648	2,560	3,507	3,680	3,680	4,680	5,680
Hungary	1,755	1,755	1,755	1,773	1,860	1,860	2,860	3,860
Poland	0	0	0	0	0	0	1,000	3,000
Romania	655	655	655	662	1,344	1,994	1,994	2,994
Slovakia	2,020	2,408	2,408	2,432	2,120	4,076	4,464	4,464
Slovenia	676	676	676	683	717	717	717	717
Former Soviet Union	34,704	33,779	34,729	36,924	44,118	48,713	58,487	70,600
Armenia	376	376	376	376	376	376	0	2,000
Belarus	0	0	0	0	0	0	0	2,000
Estonia	0	0	0	0	0	0	0	1,000
Kazakhstan	0	0	0	0	0	0	1,920	2,880
Lithuania	2,370	2,370	2,370	2,370	1,185	1,000	1,000	2,000
Russia	19,843	19,843	20,793	22,876	28,796	33,576	39,906	43,058
Ukraine	12,115	11,190	11,190	11,302	13,761	13,761	15,661	17,661
Total EE/FSU	44,996	44,459	46,321	49,553	56,725	64,878	78,175	96,288

See notes at end of table.

Table E2. World Nuclear Generating Capacity by Region and Country, High Growth Case, 1999-2025
(Continued)
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Developing Countries								
Developing Asia	21,861	22,767	22,969	33,863	47,834	63,271	83,002	98,160
Bangladesh	0	0	0	0	0	0	0	600
China	2,167	2,167	2,167	8,603	11,703	17,703	20,703	22,703
India	1,695	2,301	2,503	2,953	6,721	8,791	12,691	13,799
Indonesia	0	0	0	0	0	0	2,000	3,000
Malaysia	0	0	0	0	0	0	1,000	2,000
Pakistan	125	425	425	425	1,025	1,625	2,700	4,700
Philippines	0	0	0	0	0	0	0	2,000
South Korea	12,990	12,990	12,990	16,949	20,496	24,907	30,307	34,357
Taiwan	4,884	4,884	4,884	4,933	7,889	9,245	10,601	10,601
Thailand	0	0	0	0	0	1,000	2,000	3,000
Vietnam	0	0	0	0	0	0	1,000	2,000
Middle East	0	0	0	915	2,111	2,111	5,111	7,111
Iran	0	0	0	915	2,111	2,111	3,111	4,111
Turkey	0	0	0	0	0	0	1,000	1,000
Syria	0	0	0	0	0	0	1,000	2,000
Africa	1,800	1,800	1,800	1,818	2,038	2,168	3,428	6,688
Egypt	0	0	0	0	0	0	0	2,000
Morocco	0	0	0	0	0	0	1,000	2,000
South Africa	1,800	1,800	1,800	1,818	2,038	2,168	2,428	2,688
Central and South America	1,561	2,836	2,836	2,836	4,065	4,065	6,065	7,065
Argentina	935	935	935	935	935	935	1,935	1,935
Brazil	626	1,901	1,901	1,901	3,130	3,130	4,130	5,130
Total Developing	25,466	27,403	27,605	39,432	56,048	71,615	97,606	119,024
Total World	349,233	350,588	352,583	377,068	411,027	451,034	511,544	566,879

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding.

Sources: **History:** International Atomic Energy Agency, *Nuclear Power Reactors in the World 2001* (Vienna, Austria, April 2002).

Projections: Energy Information Administration (EIA), *Annual Energy Outlook 2003*, DOE/EIA-0383(2003) (Washington, DC, January 2003), Table A9; and EIA, Office of Coal, Nuclear, Electric and Alternate Fuels, based on detailed assessments of country-specific nuclear power plants.

Table E3. World Nuclear Generating Capacity by Region and Country, Low Growth Case, 1999-2025
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Industrialized Countries								
North America	112,446	109,353	109,530	114,758	114,490	111,824	110,308	108,392
United States.	97,470	97,975	98,152	100,152	99,288	99,479	99,593	99,593
Canada.	13,616	10,018	10,018	13,232	13,760	10,903	9,273	7,357
Mexico	1,360	1,360	1,360	1,374	1,442	1,442	1,442	1,442
Western Europe	124,902	125,882	125,882	122,408	114,986	99,539	72,868	40,962
Belgium	5,712	5,712	5,712	5,769	4,204	4,204	0	0
Finland	2,656	2,656	2,656	2,656	2,656	3,656	2,328	1,000
France	61,623	63,073	63,073	63,468	66,610	64,681	54,283	33,242
Germany	21,345	21,345	21,345	19,327	14,021	5,690	0	0
Netherlands	450	450	450	450	450	0	0	0
Spain	7,524	7,524	7,524	7,599	7,341	7,341	7,341	3,219
Sweden	9,432	9,432	9,432	8,920	9,362	7,321	5,416	0
Switzerland.	3,192	3,192	3,192	3,224	3,384	2,997	2,242	2,242
United Kingdom	12,968	12,498	12,498	10,994	6,959	3,649	1,259	1,259
Industrialized Asia	43,491	43,491	43,245	43,891	49,398	48,561	41,582	35,814
Japan	43,491	43,491	43,245	43,891	49,398	48,561	41,582	35,814
Total Industrialized	280,839	278,726	278,657	281,057	278,874	259,923	224,757	185,168
EE/FSU								
Eastern Europe.	10,292	10,680	11,592	10,981	10,659	10,659	11,309	8,360
Bulgaria	3,538	3,538	3,538	2,749	2,020	2,020	2,020	2,020
Czech Republic	1,648	1,648	2,560	3,507	3,680	3,680	3,680	3,244
Hungary	1,755	1,755	1,755	1,773	1,860	1,860	1,860	930
Romania	655	655	655	662	694	694	1,344	1,344
Slovakia	2,020	2,408	2,408	1,608	1,688	1,688	1,688	823
Slovenia	676	676	676	683	717	717	717	0
Former Soviet Union.	34,704	33,779	34,729	34,049	32,351	25,748	18,805	8,924
Armenia	376	376	376	0	0	0	0	0
Lithuania	2,370	2,370	2,370	1,185	0	0	0	0
Russia	19,843	19,843	20,793	21,562	22,504	16,685	12,763	7,917
Ukraine.	12,115	11,190	11,190	11,302	9,847	9,063	6,042	1,007
Total EE/FSU.	44,996	44,459	46,321	45,030	43,010	36,408	30,115	17,284

See notes at end of table.

Table E3. World Nuclear Generating Capacity by Region and Country, Low Growth Case, 1999-2025
(Continued)
(Megawatts)

Region/Country	History			Projections				
	1999	2000	2001	2005	2010	2015	2020	2025
Developing Countries								
Developing Asia	21,861	22,767	22,969	30,063	36,315	42,905	45,533	46,012
China	2,167	2,167	2,167	6,603	8,603	9,593	12,593	12,314
India	1,695	2,301	2,503	2,113	2,466	4,616	4,616	6,986
Pakistan	125	425	425	425	300	900	1,500	2,700
South Korea	12,990	12,990	12,990	15,989	17,057	19,907	20,216	21,300
Taiwan	4,884	4,884	4,884	4,933	7,889	7,889	6,609	2,712
Middle East	0	0	0	915	915	915	2,111	2,111
Iran	0	0	0	915	915	915	2,111	2,111
Africa	1,800	1,800	1,800	1,818	1,908	1,908	1,908	0
Egypt	0	0	0	0	0	0	0	1,000
South Africa	1,800	1,800	1,800	1,818	1,908	1,908	1,908	0
Central and South America	1,561	2,836	2,836	2,836	2,501	2,501	2,504	2,504
Argentina	935	935	935	935	600	600	0	0
Brazil	626	1,901	1,901	1,901	1,901	1,901	2,504	2,504
Total Developing	25,466	27,403	27,605	35,632	41,639	48,229	52,056	50,627
Total World	349,233	350,588	352,583	361,718	363,523	344,560	306,928	253,080

Notes: EE/FSU = Eastern Europe/Former Soviet Union. Totals may not equal sum of components due to independent rounding.

Sources: **History:** International Atomic Energy Agency, *Nuclear Power Reactors in the World 2001* (Vienna, Austria, April 2002).

Projections: Energy Information Administration (EIA), *Annual Energy Outlook 2003*, DOE/EIA-0383(2003) (Washington, DC, January 2003), Table A9; and EIA, Office of Coal, Nuclear, Electric and Alternate Fuels, based on detailed assessments of country-specific nuclear power plants.