

## International Energy Outlook 2005

Report #: DOE/EIA-0484(2005)

Released Date: July 2005

Next Release Date: July 2006

**Table A9. World Net Electricity Consumption by Region, Reference Case, 1990-2025 (also available in xls)**  
(Billion Kilowatthours)

Region/Country	History			Projections				Average Annual Percent Change, 2002-2025
	1990	2001	2002	2010	2015	2020	2025	
<b>Mature Market Economies</b>								
North America	3,369	4,247	4,328	5,193	5,693	6,208	6,741	1.9
United States a/	2,827	3,554	3,651	4,272	4,643	5,043	5,470	1.8
Canada	435	508	487	644	713	774	828	2.3
Mexico	107	185	190	277	337	390	443	3.8
Western Europe	2,069	2,551	2,556	2,613	2,786	2,872	3,072	0.8
Mature Market Asia	930	1,136	1,202	1,273	1,358	1,434	1,506	1.0
Japan	765	910	971	1,000	1,060	1,110	1,154	0.8
Australia/New Zealand	166	226	231	273	299	324	352	1.8
Total Mature Market	6,368	7,934	8,086	9,079	9,837	10,514	11,319	1.5
<b>Transitional Economies</b>								
Former Soviet Union	1,488	1,131	1,154	1,794	2,048	2,254	2,421	3.3
Russia	955	769	780	1,043	1,188	1,323	1,469	2.8
Other FSU	533	363	374	750	860	932	951	4.1
Eastern Europe	418	389	390	540	606	663	724	2.7
Total Transitional	1,906	1,520	1,544	2,334	2,654	2,917	3,145	3.1
<b>Emerging Economies</b>								
Emerging Asia	1,259	2,711	2,914	4,909	5,843	6,723	7,552	4.2
China	551	1,302	1,457	2,801	3,327	3,816	4,260	4.8
India	257	509	510	773	961	1,150	1,340	4.3
South Korea	93	247	267	381	436	480	520	2.9
Other Asia	358	653	680	955	1,119	1,278	1,433	3.3
Middle East	263	547	574	861	997	1,106	1,203	3.3
Africa	286	410	422	622	755	867	980	3.7
Central and South America	463	715	735	1,070	1,314	1,550	1,818	4.0
Brazil	229	338	352	457	563	697	864	4.0
Other Central/South America	234	377	383	613	751	853	955	4.0
Total Emerging	2,272	4,383	4,645	7,462	8,909	10,246	11,554	4.0
<b>Total World</b>	<b>10,546</b>	<b>13,836</b>	<b>14,275</b>	<b>18,875</b>	<b>21,400</b>	<b>23,677</b>	<b>26,018</b>	<b>2.6</b>

a/ Includes the 50 States and the District of Columbia.

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

Sources: History: Energy Information Administration (EIA), International Energy Annual 2002, DOE/EIA-0219(2002) (Washington, DC, March 2004), web site [www.eia.doe.gov/iea/](http://www.eia.doe.gov/iea/). Projections: EIA, Annual Energy Outlook 2005, DOE/EIA-0383(2005) (Washington, DC, February 2005), October futures case, AEO2005 National Energy Modeling System, run CF2005.D111104A, web site [www.eia.doe.gov/oiaf/aeo/](http://www.eia.doe.gov/oiaf/aeo/); and System for the Analysis of Global Energy Markets (2005).