

OECD – Organization for economic Cooperation and Development – A Group of 28 nations namely who share their data with International Energy Agency namely.

Country/ Nation	Generation Capacity (MW)
1. <a href="#">AUSTRALIA</a> : 7 June 1971	49468
2. <a href="#">AUSTRIA</a> : 29 September 1961	15334
3. <a href="#">BELGIUM</a> : 13 September 1961	14789
4. <a href="#">CANADA</a> : 10 April 1961	122661
5. <a href="#">CZECH REPUBLIC</a> : 21 December 1995	16265
6. <a href="#">DENMARK</a> : 30 May 1961	13348
7. <a href="#">FINLAND</a> : 28 January 1969	15838
8. <a href="#">FRANCE</a> : 7 August 1961	112022
9. <a href="#">GERMANY</a> : 27 September 1961	120833
10. <a href="#">GREECE</a> : 27 September 1961	12607
11. <a href="#">HUNGARY</a> : 7 May 1996	8586
12. <a href="#">ICELAND</a> : 5 June 1961	1537
13. <a href="#">IRELAND</a> : 17 August 1961	5860
14. <a href="#">ITALY</a> : 29 March 1962	78162
15. <a href="#">JAPAN</a> : 28 April 1964	251318
16. S <a href="#">KOREA</a> : 12 December 1996	64237
17. <a href="#">LUXEMBOURG</a> : 7 December 1961	561
18. <a href="#">MEXICO</a> : 18 May 1994	51071
19. <a href="#">NETHERLANDS</a> : 13 November 1961	21800
20. <a href="#">NEW ZEALAND</a> : 29 May 1973	7176
21. <a href="#">NORWAY</a> : 4 July 1961	26067
22. <a href="#">POLAND</a> : 22 November 1996	26762
23. <a href="#">PORTUGAL</a> : 4 August 1961	6835
24. <a href="#">SLOVAK REPUBLIC</a> : 14 December 2000	21329
25. <a href="#">SPAIN</a> : 3 August 1961	38509
26. <a href="#">SWEDEN</a> : 28 September 1961	33762
27. <a href="#">SWITZERLAND</a> : 28 September 1961	15109
28. <a href="#">TURKEY</a> : 2 August 1961	16318
29. <a href="#">UNITED KINGDOM</a> : 2 May 1961	70693
30. <a href="#">UNITED STATES</a> : 12 April 1961	721457
Total OECD	19,60,314
World generation Capacity (01.01.2006) –	4012435 MW

Important Countries not member of OECD having large capacity are as follows

India	1,43,773
China	5,17,550
Russia	2,18,370

- Countries having installed generation capacity more than 100000 MW
  - Japan – 2,51,318 MW
  - India – 1,43,773 MW
  - China – 5,17,550 MW
  - Russia – 2,18,370 MW
  - France – 1,12,022 MW
  - Germany – 1,20,833 MW
  - US – 9,64,754 MW
  - Canada – 1,22,661 MW
- Continent-wise break up of generation capacity
  - North America – 11,38,794 MW
  - Central and South America – 2,20,112 MW
  - Europe – 8,10,188 MW
  - Eurasia – 3,44,544 MW
  - Middle east – 1,44,664 MW
  - Africa – 1,10,258 MW
  - Asia & Oceania – 12,43,875 MW

World Net Generation of electricity (Billion kWh) in 2005

		Conventional Thermal Coal based Gas based Oil based	Hydro electric	Nuclear	Geothermal, Solar, Wind, Wood & Waste	Total
	North America	3242.60	657.69	879.69	119.60	4899.58
	Central & South America	254.74	611.94	16.27	24.09	907.04
	Europe	1840.80	541.33	959.82	160.44	3502.39
	Eurasia	846.38	244.73	235.83	3.12	1330.06
	Middle East	577.66	20.91	0	0.01	598.59
	Africa	430.85	89.60	12.24	2.27	534.96
	Asia, Oceania	4262.08	731.60	535.40	62.24	5591.31
	<b>World Total</b>	<b>11455.12</b>	<b>2897.80</b>	<b>2639.25</b>	<b>371.75</b>	<b>17363.93</b>
	<b>Afghanistan</b>	<b>0.24</b>	<b>0.67</b>	<b>0</b>	<b>0</b>	<b>0.91</b>
	Pakistan	59.34	30.55	2.41	0	92.30
	India	537.25	100.70	15.73	8.15	661.83
	Iran	154.43	15.92	0	0	170.36
	China	1922.15	393.05	50.33	4.39	2369.91

World Energy Consumption kWh

Year	Electricity – consumption (x10 <sup>12</sup> ) Trillion kWh	Rank	Percent Change	Date of Information
2003	13.81	0		2001 est.
2004	13.94	0	0.94 %	2001 est.
2005	14.28	0	2.44 %	2002 est.
2006	15.45	0	8.19 %	2003 est.
2007	16.33	0	5.70 %	2004 est.
2008	16.88	0	3.37 %	2007 est.

Reference (CIA World facts book)

## Energy consumption

Energy consumption is indicator of development of the country

Rank	Countries	Amount ▼
# 1	<a href="#">Iceland:</a>	31,147.292 kWh per capita
# 2	<a href="#">Norway:</a>	24,011.233 kWh per capita
# 3	<a href="#">Finland:</a>	16,850.372 kWh per capita
# 4	<a href="#">Canada:</a>	16,279.411 kWh per capita
# 5	<a href="#">Qatar:</a>	15,938.943 kWh per capita
# 6	<a href="#">Kuwait:</a>	15,210.945 kWh per capita
# 7	<a href="#">Sweden:</a>	14,769.403 kWh per capita
# 8	<a href="#">Luxembourg:</a>	14,604.742 kWh per capita
# 9	<a href="#">United States:</a>	12,924.224 kWh per capita
# 10	<a href="#">United Arab Emirates:</a>	12,483.568 kWh per capita
# 11	<a href="#">Bahrain:</a>	11,819.586 kWh per capita
# 12	<a href="#">Cayman Islands:</a>	11,718.884 kWh per capita
# 13	<a href="#">Australia:</a>	10,720.756 kWh per capita
# 14	<a href="#">Bermuda:</a>	9,714.734 kWh per capita
# 15	<a href="#">Guam:</a>	9,682.897 kWh per capita
# 16	<a href="#">Taiwan:</a>	9,593.643 kWh per capita
# 17	<a href="#">New Zealand:</a>	9,436.716 kWh per capita
# 18	<a href="#">Virgin Islands:</a>	8,223.569 kWh per capita
# 19	<a href="#">Singapore:</a>	8,176.258 kWh per capita
# 20	<a href="#">Belgium:</a>	8,157.769 kWh per capita
# 21	<a href="#">Switzerland:</a>	7,897.628 kWh per capita
# 22	<a href="#">Japan:</a>	7,701.962 kWh per capita
# 23	<a href="#">Brunei:</a>	7,671.297 kWh per capita
# 24	<a href="#">Austria:</a>	7,566.721 kWh per capita
# 25	<a href="#">Korea, South:</a>	7,515.579 kWh per capita

World average 2005 2595 kWh

<http://earthtrends.wri.org/text/energy-resources/variable-574.html>

World average 2005 3240 kWh

[http://www.nationmaster.com/graph/ene\\_ele\\_con\\_percap-energy-electricity-consumption-per-capita](http://www.nationmaster.com/graph/ene_ele_con_percap-energy-electricity-consumption-per-capita)

Continent wise average consumption of electricity

<http://earthtrends.wri.org/text/energy-resources/variable-574.html>

	2005	2000	1990
--	------	------	------

Region/Classification			
Asia (excluding Middle East)	1,404.3	1,047.1	739.2
Central America & Caribbean	1,526.1	1,386.5	1,033.7
Europe	6,008.9	5,526.0	5,502.8
Middle East & North Africa	2,107.5	1,706.8	1,124.1
North America	13,993.8	13,984.3	12,123.8
South America	1,834.4	1,684.3	1,280.2
Developed Countries	8,009.5	7,620.6	6,977.2
Developing Countries	1,169.0	852.9	532.1
High Income Countries	9,789.0	9,371.8	7,789.3
Low Income Countries	392.4	325.1	271.2
Middle Income Countries	1,966.5	1,497.9	1,335.4