

## UNITED STATES

4. Electricity production and generation by source  
(TWh)

	1974	1980	1990	2000	2009	2010	2011	Average annual percent change	
								74-90	90-11
<b>Total gross production</b>	<b>1957.34</b>	<b>2427.32</b>	<b>3218.62</b>	<b>4052.67</b>	<b>4188.21</b>	<b>4378.42</b>	<b>4349.57</b>	<b>3.2</b>	<b>1.4</b>
- Hydro pumped storage	-	-	15.81	26.78	22.82	24.07	22.95	-	1.8
<b>Total generation<sup>(1)</sup></b>	<b>1957.34</b>	<b>2427.32</b>	<b>3202.81</b>	<b>4025.89</b>	<b>4165.39</b>	<b>4354.36</b>	<b>4326.63</b>	<b>3.1</b>	<b>1.4</b>
<b>Main activity producers</b>									
Gross production	1957.34	2427.32	2987.97	3862.12	4039.01	4214.47	4185.00	2.7	1.6
- Hydro pumped storage	-	-	15.81	26.78	22.82	24.07	22.95	-	1.8
Total generation <sup>(1)</sup>	1957.34	2427.32	2972.16	3835.33	4016.19	4190.40	4162.06	2.6	1.6
Nuclear	121.25	266.18	611.47	797.72	830.21	838.93	821.41	10.6	1.4
Hydro	304.07	278.78	266.92	248.93	273.61	260.48	319.89	-0.8	0.9
Geothermal	2.60	5.35	9.10	14.62	17.05	17.58	17.89	8.1	3.3
Solar, wind, tide <sup>(2)</sup>	-	-	0.00	6.18	75.20	96.43	122.63	-	63.5
Coal	864.68	1242.87	1674.68 e	2074.51 e	1873.71 e	1969.15 e	1854.47 e	4.2	0.5
Oil	322.00	263.21	125.21	112.09	41.38	39.78	31.85	-5.7	-6.3
Natural gas	342.47	370.46	282.58	547.96	867.47	929.06	955.27	-1.2	6.0
Biofuels & waste	0.26	0.46	2.21	33.34	37.56	38.99	38.65	14.2	14.6
<b>Autoproducers</b>									
Gross production	-	-	230.65	190.55	149.20	163.95	164.57	-	-1.6
- Hydro pumped storage	-	-	-	-	-	-	-	-	-
Total generation <sup>(1)</sup>	-	-	230.65	190.55	149.20	163.95	164.57	-	-1.6
Nuclear	-	-	0.12	-	-	-	-	-	-
Hydro	-	-	6.24	4.28	1.98	1.78	1.84	-	-5.6
Geothermal	-	-	6.92	-	-	-	-	-	-
Solar, wind, tide <sup>(2)</sup>	-	-	3.73	0.18 e	2.17 e	3.57 e	5.29 e	-	1.7
Coal	-	-	24.97 e	54.99 e	18.96 e	25.04 e	20.94 e	-	-0.8
Oil	-	-	5.44	6.39	9.06	8.30	7.68	-	1.7
Natural gas	-	-	99.09	86.33	82.31	88.81	89.98	-	-0.5
Biofuels & waste	-	-	84.15	38.38	34.73	36.44	38.84	-	-3.6

Source: IEA/OECD Energy Balances and IEA/OECD Energy Statistics of OECD Countries.

(1) Electricity generated = gross production - amount of electricity produced in pumped storage plants.

(2) Includes wave, ocean and other sources (e.g. fuel cells, from chemical heat).

Note: Please refer to definitions in the introductory information.

## UNITED STATES

9. Electricity and heat produced for sale from combustible fuels  
in combined heat and power plants (CHP plants)

	1980	1990	2000	2009	2010	2011	Average annual percent change 1990-2011
<b>Hard coal<sup>(1)</sup> and patent fuel</b>							
Fuel input (1000 t)	..	11445 e	30402 e	22012	23375	21865	3.1
Fuel input (TJ)	..	302045 e	788540 e	489858 e	524444 e	471610 e	2.1
Electricity production (GWh)	..	35063 e	75408 e	48127 e	51750 e	46120 e	1.3
CHP Heat production (TJ)	..	19742 e	81572 e	95870 e	95149 e	89528 e	7.5
<b>Brown coal</b>							
Fuel input (1000 t)	..	1096 e	1246 e	-	-	13	-19.0
Fuel input (TJ)	..	16154 e	18583 e	-	-	101	-21.5
Electricity production (GWh)	..	2651 e	3134 e	-	-	9	-23.7
CHP Heat production (TJ)	..	258 e	-	-	-	-	-
<b>Peat</b>							
Fuel input (1000 t)	..	-	-	-	-	-	-
Fuel input (TJ)	..	-	-	-	-	-	-
Electricity production (GWh)	..	-	-	-	-	-	-
CHP Heat production (TJ)	..	-	-	-	-	-	-
<b>Coal manufactured gases<sup>(2)</sup></b>							
Fuel input (TJ)	..	-	83858 e	32604	38442	40727	-
Electricity production (GWh)	..	-	6323	2370	3207	3493	-
CHP Heat production (TJ)	..	-	-	8167	7540	6606	-
<b>Petroleum products</b>							
Fuel input (1000 t)	..	-	3926	3100	2243	2150	-
Fuel input (TJ)	..	-	141818	119118	90213	86196	-
Electricity production (GWh)	..	5441	13930	15598	12617	12162	3.9
CHP Heat production (TJ)	..	-	6747 e	39334	36375	37234	-
<b>Natural gas<sup>(2)</sup></b>							
Fuel input (TJ)	..	1136099	1964502	1793760	1863246	1874841	2.4
Electricity production (GWh)	..	99093	208102	202290	212317	211926	3.7
CHP Heat production (TJ)	..	-	208341 e	329761	325217	332777	-
<b>Wood and other solid waste</b>							
Fuel input (TJ)	..	1153493 e	388431	222928	231045	232740	-7.3
Electricity production (GWh)	..	57006	32074	30227	31363	32106	-2.7
CHP Heat production (TJ)	..	-	9489	30839	26954	23028	-
<b>Industrial waste</b>							
Fuel input (TJ)	..	71583	58985	38004	44934	49986	-1.7
Electricity production (GWh)	..	3961	6247	4106	4772	5227	1.3
CHP Heat production (TJ)	..	-	187	3818	3807	4927	-
<b>Municipal waste</b>							
Fuel input (TJ)	..	11829 e	39483	33411	30125	28819	4.3
Electricity production (GWh)	..	920	2202	1988	1724	1643	2.8
CHP Heat production (TJ)	..	-	15251	11736	11362	12014	-
<b>Biogases and liquid biofuels</b>							
Fuel input (TJ)	..	-	12790	14106	15059	17181	-
Electricity production (GWh)	..	-	1325	1399	1340	1472	-
CHP Heat production (TJ)	..	-	2191	999	1883	2523	-
<b>Total combustible fuels<sup>(3)</sup></b>							
Electricity production (GWh)	..	204135 e	348745 e	306105	319090	314158	2.1
CHP Heat production (TJ)	..	101308	323778 e	520524	508287	508637	8.0

Source: IEA/OECD Electricity Statistics.

(1) Includes sub-bituminous coal.

(2) Coal manufactured gases and natural gas are expressed on a gross calorific value basis.

(3) Includes non-specified combustible fuels not shown in this table.

Note: Please refer to notes in the introductory information for data coverage.