

Electricity Production by Fuel

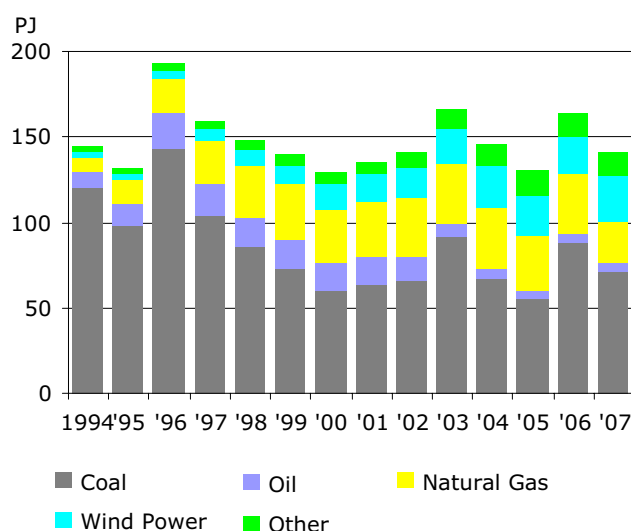
									Change
Direct Energy Content [TJ]	1994	1996	1998	2000	2004	2005	2006	2007	'94 - '07
Total Gross Electricity Production	144 708	192 879	147 998	129 776	145 583	130 468	164 199	140 964	-2.6%
Oil	9 547	20 808	17 906	15 964	5 881	4 933	5 811	4 616	-51.7%
- Orimulsion	-	14 495	12 890	13 467	7	-	-	-	•
Natural Gas	8 206	20 442	29 260	31 589	35 807	31 606	33 903	24 886	203%
Coal	119 844	142 795	85 151	60 022	67 232	55 665	88 439	71 631	-40.2%
Surplus Heat	-	123	136	139	40	-	-	-	•
Waste, non-renewable	463	610	702	994	1 163	1 459	1 472	1 416	206%
Renewable Energy	6 647	8 101	14 844	21 068	35 459	36 805	34 574	38 415	478%
Solar Energy	0	1	1	4	7	8	8	9	3 017%
Wind Power	4 093	4 417	10 152	15 268	23 699	23 810	21 989	25 823	531%
Hydro Power	117	69	98	109	95	81	84	101	-14.1%
Biomass	2 116	3 207	3 911	4 936	10 646	11 889	11 517	11 504	444%
- Straw	293	748	960	654	3 057	3 088	3 359	3 185	988%
- Wood	429	340	512	828	3 546	3 730	3 041	3 398	691%
- Waste, renewable	1 393	2 120	2 439	3 454	4 043	5 071	5 117	4 921	253%
Biogas	321	407	682	751	1 013	1 017	976	978	205%

Electricity from Renewables: Share of Domestic Electricity Supply¹⁾

									Change
[%]	1994	1996	1998	2000	2004	2005	2006	2007	'90 - '07
Renewable Energy	5,2	5,9	11,2	15,9	26,2	27,2	24,8	27,9	435%
Solar Energy	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	•
Wind Power	3,2	3,2	7,7	11,6	17,5	17,6	15,8	18,8	484%
Hydro Power	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	-21%
Biomass	1,7	2,3	3,0	3,7	7,9	8,8	8,3	8,4	403%
- Straw	0,2	0,5	0,7	0,5	2,3	2,3	2,4	2,3	907%
- Wood	0,3	0,2	0,4	0,6	2,6	2,8	2,2	2,5	632%
- Waste, renewable	1,1	1,5	1,8	2,6	3,0	3,7	3,7	3,6	227%
Biogas	0,3	0,3	0,5	0,6	0,7	0,8	0,7	0,7	182%

1) Calculated in accordance with the EU Directive on electricity production from renewable energy sources, i.e. the renewable energy share has been calculated in relation to the overall gross electricity production including net imports of electricity. Calculated according to Energy Statistics guidelines, the share of electricity from renewable energy wind power was 29.3 per cent and 19.7 per cent, respectively in 2007, as opposed to 26.4 per cent and 16.8 per cent in 2006.

Electricity Production by Fuel



Electricity production was 141 PJ in 2007, which is 14.2 per cent less than the previous year. The main reason for this drop was a significant fall in Danish net exports from 2006 to 2007 due to increased hydro electric power production and the associated falling prices on the Nordic wholesale market for electricity.

71.6 PJ of the total electricity generated in 2007 were generated by using coal, and 24.9 PJ using natural gas, which corresponds to a fall of 19 per cent and 26.6 per cent, respectively, compared to the previous year. 38.4 PJ electricity were produced from renewable energy, which is an increase of 11.1 per cent relative to 2006. In the figure, production from renewable energy and production from non-renewable waste (which accounts for 1.4 PJ) are shown together.

With 25.8 PJ, wind power plants provided the biggest contribution to renewable energy.

4.6 PJ electricity generation in 2007 was generated using oil.