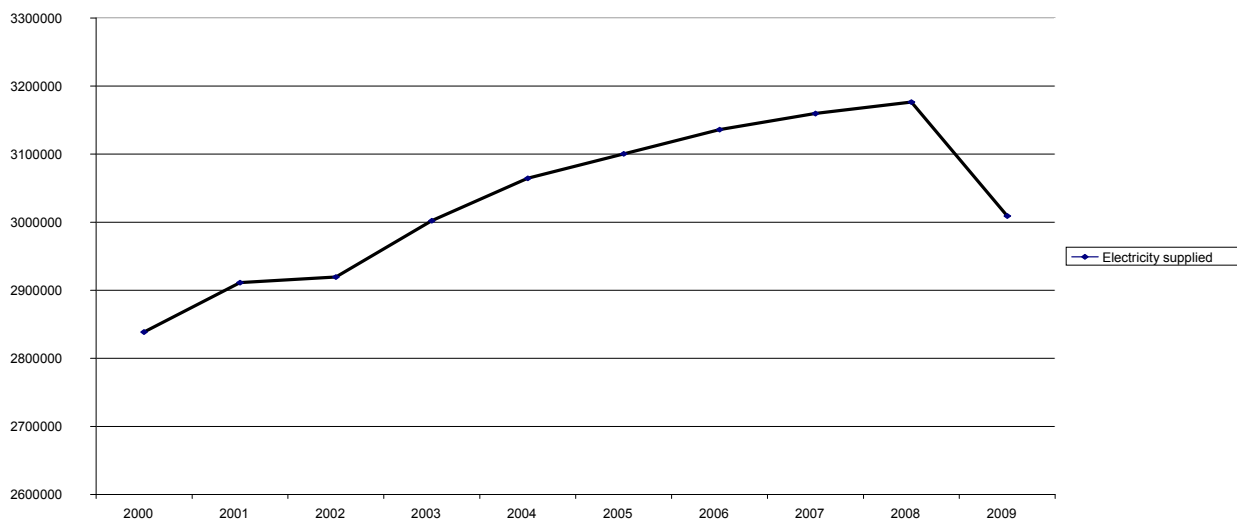


ELECTRICITY STATISTICS – Provisional data for 2009

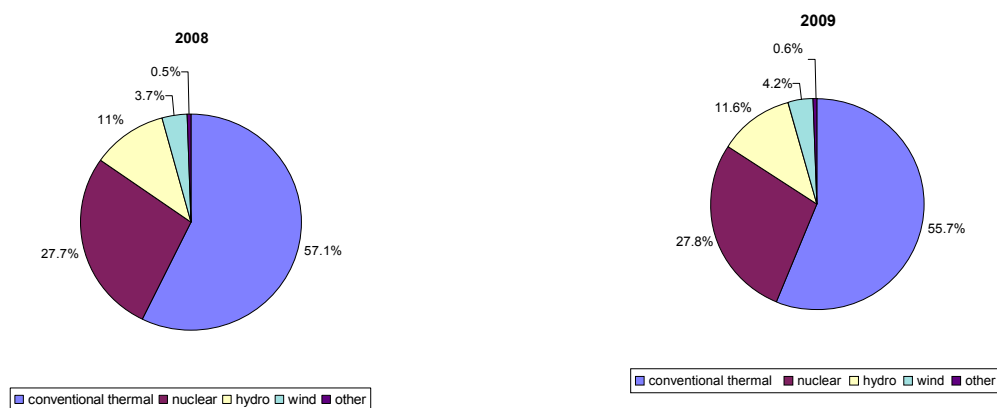
Electricity supplied decreased in EU-27 by 5.1% in 2009.

Figure 1: EU-27, 1999-2009 Evolution of electricity supplied (GWh)



Source: Eurostat ([nrq_105m](#), [nrq_105a](#))

Figure 2: EU-27, Electricity generation by source



Source: Eurostat ([nrq_105m](#), [nrq_105a](#))

ELECTRICITY STATISTICS (GWh)

	EU-27				Eurozone 16				BE						
	2007	2008	2009	08/07	09/08	2007	2008	2009	08/07	09/08	2007	2008	2009	08/07	09/08
	1. Total net production	3194386	3203128	3041875	0.3%	-5.0%	2245052	2263257	2154266	0.8%	-4.8%	85098	81383	87046	-4.4%
of which :															
Conventional thermal	1857693	1830017	1694771	-1.5%	-7.4%	1215385	1197864	1119433	-1.4%	-5.6%	36863	35384	39098	-4.0%	10.5%
Nuclear	885356	888212	846271	0.3%	-4.7%	696326	706043	658310	1.4%	-6.8%	45853	43359	44960	-5.4%	3.7%
Hydro	335815	351969	351465	4.8%	-0.1%	232994	244438	247525	4.9%	1.3%	1670	1744	1749	4.4%	0.3%
Wind	104000	117630	128526	13.3%	9.1%	89071	100077	108526	12.4%	8.4%	486	630	981	29.6%	55.7%
Solar	3770	7415	7110e	96.7%	-4.2%	3749	7380	7083e	96.9%	-4.1%	6	41	162	583.3%	295.1%
Geothermal	5423	5389	5401	-0.6%	0.2%	5423	5389	5401	-0.6%	0.2%					
Other	2329	2296	2179e	-1.4%	-5.1%	1072	1128	1116e	5.2%	-1.1%	220	225	96	2.3%	-57.3%
2. Imports	318194	304540	286532	-4.3%	-5.9%	234975	221224	210279	-5.9%	-4.9%	15816	17156	9485	8.5%	-44.7%
3. Exports	307705	288054	272544	-6.4%	-5.4%	205195	197495	185295	-3.8%	-6.2%	9037	6561	11321	-27.4%	72.5%
4. Energy absorbed by pumping	45086	43086	41727	-4.4%	-3.2%	37099	34627	33426	-6.7%	-3.5%	1712	1772	1421	3.5%	-19.8%
5. Energy supplied	3159789	3176528	3014136	0.5%	-5.1%	2237733	2252359	2145824	0.7%	-4.7%	90165	90206	83789	0.0%	-7.1%
Contribution of the sources to the production in %															
Conventional thermal	58.2%	57.1%	55.7%	54.1%	52.0%	54.1%	52.9%	52.0%	54.1%	52.0%	43.3%	43.5%	44.9%	43.3%	44.9%
Nuclear	27.7%	27.7%	27.8%	31.0%	30.6%	31.0%	31.2%	30.6%	31.0%	30.6%	53.9%	53.3%	51.7%	53.9%	51.7%
Hydro	10.5%	11.0%	11.6%	10.4%	10.8%	10.4%	10.8%	11.5%	10.4%	11.5%	2.0%	2.1%	2.0%	2.0%	2.0%
Wind	3.3%	3.7%	4.2%	4.0%	4.4%	4.0%	4.4%	5.0%	4.0%	4.4%	0.6%	0.8%	1.1%	0.6%	1.1%
Solar	0.1%	0.2%	0.3%	0.2%	0.3%	0.2%	0.3%	0.4%	0.2%	0.3%	0.0%	0.1%	0.2%	0.0%	0.2%
Geothermal	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.3%	0.3%	0.1%	0.3%	0.1%
1. Total net production	39067	40695	38221	4.2%	-6.1%	81412	77085	75990	-5.3%	-1.4%	37198	35225	34451	-5.3%	-2.2%
of which :															
Conventional thermal	22126	22590	20179	2.1%	-10.7%	54147	49446	46981	-8.7%	-5.0%	29997	28271	27708	-5.8%	-2.0%
Nuclear	13693	14742	14223	7.7%	-3.5%	24624	25015	25665	1.6%	2.6%					
Hydro	3201	3241	3608	1.2%	11.3%	2513	2365	2969	-5.9%	25.5%	28	26	19	-7.1%	-26.9%
Wind	47	122	211	159.6%	73.0%	125	245	287	96.0%	17.1%	7171	6928	6721	-3.4%	-3.0%
Solar						2	13	88	550.0%	576.9%	2	0	3		
Geothermal															
Other						1	1	0							
2. Imports	3058	3097	2662	1.3%	-14.0%	10204	8520	8586			10427	12815	11208	22.9%	-12.5%
3. Exports	7533	8441	7735	12.1%	-8.4%	26357	19989	22230	-24.2%	11.2%	11377	11360	10875	-0.1%	-4.3%
4. Energy absorbed by pumping	546	711	841	30.2%	18.3%	592	477	747	-19.4%	56.6%					
5. Energy supplied	34046	34640	32307	1.7%	-6.7%	64667	65139	61599	0.7%	-5.4%	36248	36680	34784	1.2%	-5.2%
Contribution of the sources to the production in %															
Conventional thermal	56.6%	55.5%	52.8%	66.5%	64.1%	66.5%	64.1%	61.8%	66.5%	64.1%	80.6%	80.3%	80.4%	80.6%	80.4%
Nuclear	35.1%	36.2%	37.2%	30.2%	33.8%	30.2%	32.5%	33.8%	30.2%	33.8%	0.1%	0.1%	0.1%	0.1%	0.1%
Hydro	8.2%	8.0%	9.4%	3.1%	3.9%	3.1%	3.1%	3.9%	3.1%	3.9%	0.1%	0.1%	0.1%	0.1%	0.1%
Wind	0.1%	0.3%	0.6%	0.2%	0.3%	0.2%	0.3%	0.4%	0.2%	0.3%	19.3%	19.7%	19.5%	19.3%	19.5%
Solar															
Geothermal															
Other															

e : estimated data / na : non available data

Source: Eurostat ([nrg_105m](#), [nrg_105a](#))

ELECTRICITY STATISTICS (GWh)

	DE			EE			IE		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
1. Total net production	598435	598916	560932	10954	9498	7840	27749	28385	26209
of which :									
Conventional thermal	395747	386692	365214	10842	9337	7625	24786	24669	22417
Nuclear	133229	140710	127690						
Hydro	26671	26502	24000	21	28	24	1005	1286	837
Wind	39713	40574	37809	91	133	191	1958	2410	2955
Solar	3075	4420	6200						
Geothermal		18	19						
Other									
2. Imports	45953	41669	41853	345	1369	3023	1412	753	939
3. Exports	62508	61770	54132	2765	2310	2931	82	303	175
4. Energy absorbed by pumping	9114	7948	7610				546	523	577
5. Energy supplied	572766	570867	541043	8534	8657	7932	28533	28292	26396
Contribution of the sources to the production in %									
Conventional thermal	66.1%	64.6%	65.1%	99.0%	98.3%	97.3%	89.3%	87.0%	85.5%
Nuclear	22.3%	23.5%	22.8%	0.2%	0.3%	0.3%	3.6%	4.5%	3.2%
Hydro	4.5%	4.4%	4.3%	0.8%	1.4%	2.4%	7.1%	8.5%	11.3%
Wind	6.6%	6.8%	6.7%						
Solar	0.5%	0.7%	1.1%						
Geothermal									
Other									
1. Total net production	59088	58897	54518	293229	301630	286040	544433	549412	518123
of which :									
Conventional thermal	53908	53053	46700	182489	184921	164606	58360	57389	58634
Nuclear				52600	56294	50523	418609	418298	389999
Hydro	3366	4107	5613	30068	25724	28613	63395	67995	61710
Wind	1813	1732	1973	27269	31854	36218	4052	5689	7590
Solar				501	2548	6080	17	41	190
Geothermal	1	5	50						
Other			182	302	289	na			
2. Imports	6412	7575	7601	8773	5881	6752	10782	10663	18517
3. Exports	2057	1962	3233	14524	16920	14856	67595	58689	44452
4. Energy absorbed by pumping	1122	1196	1302	4349	3731	3736	7726	6489	6812
5. Energy supplied	62321	63314	57584	283129	286860	274200	479894	494917	485376
Contribution of the sources to the production in %									
Conventional thermal	91.2%	90.1%	85.7%	62.2%	61.3%	57.5%	10.7%	10.4%	11.3%
Nuclear	5.7%	7.0%	10.3%	17.9%	18.7%	17.7%	76.9%	76.1%	75.3%
Hydro	3.1%	2.9%	3.6%	10.3%	8.5%	10.0%	11.6%	12.4%	11.9%
Wind			0.1%	9.3%	10.6%	12.7%	0.7%	1.0%	1.5%
Solar				0.2%	0.8%	2.1%			
Geothermal									
Other				0.1%	0.1%				

e : estimated data / na : non available data

Source: Eurostat ([nrg_105m](#), [nrg_105a](#))

ELECTRICITY STATISTICS (GWh)

	MT			NL			AT		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
1. Total net production	2165	2185	2047	100853	103376	108013	60594	62765	67323
of which :									
Conventional thermal	2165	2185	2047	93127	94897	99327	22509	23295	22500
Nuclear				3969	3931	3999			
Hydro				108	102	98	36006	37409	42348
Wind				3438	4260	4589	2036	2014	2452
Solar				36	38	na	24	28	21
Geothermal						na	2	2	2
Other				175	148	na	17	17	0
2. Imports				23139	24967	15452	22130	19796	19538
3. Exports				5565	9116	10564	15511	14933	18762
4. Energy absorbed by pumping							2983	3269	3961
5. Energy supplied	2165	2185	2047	118427	119227	112901	64230	64359	64138
Contribution of the sources to the production in %									
Conventional thermal	100.0%	100.0%	100.0%	92.3%	91.8%	92.0%	37.1%	37.1%	33.4%
Nuclear				3.9%	3.8%	3.7%			
Hydro				0.1%	0.1%	0.1%	59.4%	59.6%	62.9%
Wind				3.4%	4.1%	4.2%	3.4%	3.2%	3.6%
Solar									
Geothermal									
Other				0.2%	0.1%	0.1%			

	PL			PT			RO		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
1. Total net production	145383	142562	136851	45908	44463	47807	56165	60099	52001
of which :									
Conventional thermal	141950	139001	132794	31378	31330	31149	34132	32769	25734
Nuclear							6282	10307	10810
Hydro	2911	2724	2992	10314	7191	8817	15748	17019	15453
Wind				4014	5733	7538	3	4	4
Solar	522	837	1065	24	38	139			
Geothermal				178	171	164			
Other									
2. Imports	7761	8480	7403	9641	10744	7598	1269	921	651
3. Exports	13109	9703	9594	2153	1313	2822	3359	5169	2946
4. Energy absorbed by pumping	888	890	881	540	639	929			
5. Energy supplied	139147	140449	133779	52856	53255	51654	54075	55851	49705
Contribution of the sources to the production in %									
Conventional thermal	97.6%	97.5%	97.0%	68.3%	70.5%	65.2%	60.8%	54.5%	49.5%
Nuclear							11.2%	17.2%	20.8%
Hydro	2.0%	1.9%	2.2%	22.5%	16.2%	18.4%	28.0%	28.3%	29.7%
Wind	0.4%	0.6%	0.8%	8.7%	12.9%	15.8%			
Solar				0.1%	0.1%	0.3%			
Geothermal				0.4%	0.4%	0.3%			
Other									

e : estimated data / na : non available data

Source: Eurostat ([nrq_105m](#), [nrq_105a](#))

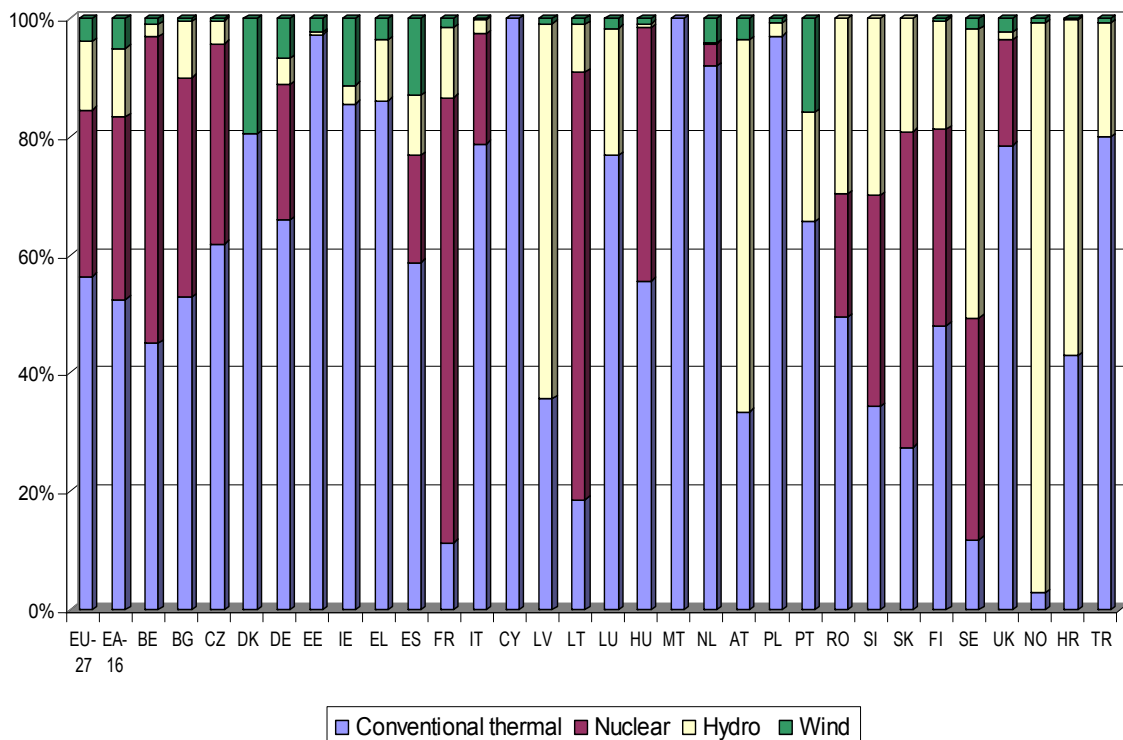
ELECTRICITY STATISTICS (GWh)

	HR					TR				
	2007	2008	2009	08/07	09/08	2007	2008	2009	08/07	09/08
1. Total net production	11703	11810	13149	0.9%	11.3%	183340	189763	185594	3.5%	-2.2%
of which :										
Conventional thermal	7299	6481	5658	-11.2%	-12.7%	147262	155764	148111	5.8%	-4.9%
Nuclear										
Hydro	4369	5289	7449	21.1%	40.8%	35586	33010	35600	-7.2%	7.8%
Wind	35	40	42	14.3%	5.0%	353	845	1480	139.4%	75.1%
Solar										
Geothermal						139	144	403	3.6%	179.9%
Other										
2. Imports	7812	8164	7651	4.5%	-6.3%	864	789	813	-8.7%	3.0%
3. Exports	1451	1587	2578	9.4%	62.4%	2422	1122	1550	-53.7%	38.1%
4. Energy absorbed by pumping	234	158	115	-32.5%	-27.2%					
5. Energy supplied	17830	18229	18107	2.2%	-0.7%	181782	189430	184857	4.2%	-2.4%
Contribution of the sources to the production in %										
Conventional thermal	62.4%	54.9%	43.0%			80.3%	82.1%	79.8%		
Nuclear										
Hydro	37.3%	44.8%	56.7%			19.4%	17.4%	19.2%		
Wind	0.3%	0.3%	0.3%			0.2%	0.4%	0.8%		
Solar										
Geothermal						0.1%	0.1%	0.2%		
Other										

e : estimated data / na : non available data

Source: Eurostat ([nrg_105m](#), [nrg_105a](#))

Figure 3: Breakdown of electricity generation by source in 2009



Source: Eurostat ([nrg_105m](#), [nrg_105a](#))

Further information

Reference publication

[ELECTRICITY STATISTICS - Provisional data for 2009](#)

Eurostat Website: <http://ec.europa.eu/eurostat>

Data on “Energy statistics”

<http://epp.eurostat.ec.europa.eu/portal/page/portal/energy/data/database>

Select “Energy statistics – quantities”

More information about “Energy statistics”

<http://epp.eurostat.ec.europa.eu/portal/page/portal/energy/introduction>

European Statistical Data Support:

Contact details for this support network can be found on our Internet site:

<http://ec.europa.eu/eurostat/>

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