



INTERNATIONAL ENERGY AGENCY
AGENCE INTERNATIONALE DE L'ENERGIE

9, rue de la Fédération
75739 Paris CEDEX 15, France

Monthly Electricity Statistics

December 2008

The IEA's Monthly Electricity Statistics provides timely electricity production and trade data for all OECD Member Countries. It aims to report as up-to-date and consistent information as possible for the last four months. It also provides previous annual data and year-to-date indicators.

Data is at the individual country level as well as in organisational and regional groupings. These groupings include: OECD Total, OECD Europe, OECD North America, OECD Pacific and IEA Total. The units are TWh for the groupings and GWh for the single countries.

Highlights

December 2008 vs. December 2007

Total OECD production reached 876.7 TWh, a decrease of 3.3% or 29.7 TWh over the same month last year.

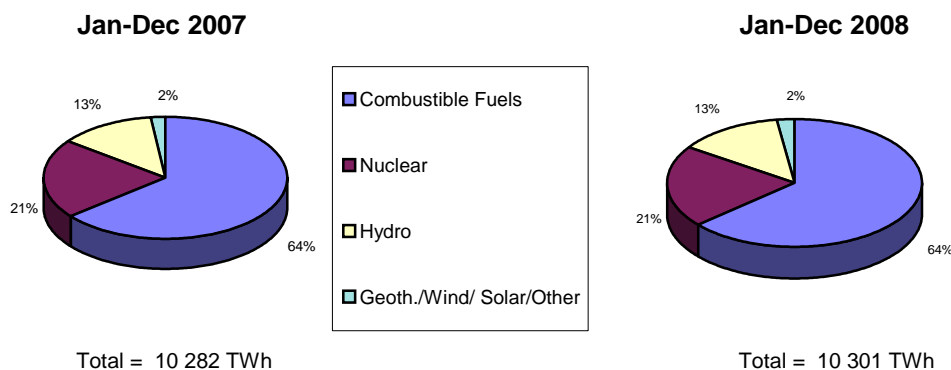
- Electricity production from Combustible Fuels declined by 6.0% to 550.8 TWh in OECD Total, led by a decline of 11.1% to 166.3 TWh in OECD Europe.
- Electricity production from Hydro increased by 6.0% to 45.4 TWh in OECD Europe, while it decreased in OECD North America and OECD Pacific by 0.6% and 3.0% to 56.8 TWh and 8.4 TWh respectively.
- Electricity production from Nuclear increased in OECD Pacific and OECD Europe by 3.8% and 0.7% to 32.8 TWh and 81.5 TWh respectively, while it decreased in OECD North America by 2.4% to 79.3 TWh.

January - December 2008 vs. the same period in 2007

Total OECD production reached 10 301.3 TWh, an increase of 0.2% or 19.1 TWh over the same period last year.

- Electricity production from Geoth./Wind/Solar/Other continues to show the strongest percentage growth at 21.1% to 239.9 TWh in OECD Total.
- Electricity production from Combustible Fuels decreased by 0.8% to 6,544.7 TWh in OECD Total, despite a 4.9% increase in OECD Pacific to 1,316.0 TWh.
- While electricity imports and exports decreased by 4.4% and 6.1% to 321.8 TWh and 311.6 TWh in OECD Europe, they increased by 14.8% and 14.1% to 81.6 TWh and 81.8 TWh in OECD North America.

OECD Electricity Production by Fuel Type Year-to-Date Comparison



CONTENTS

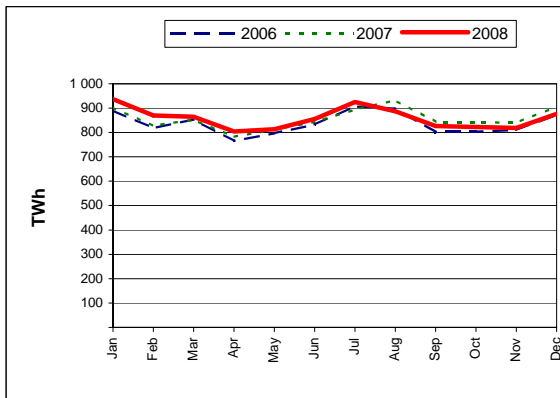
	Page #
ORGANISATIONAL AND REGIONAL TABLES	
OECD Total	1
OECD Europe	2
OECD North America	3
OECD Pacific	4
IEA Total	5
COUNTRY TABLES	
Australia	6
Austria	7
Belgium	8
Canada	9
Czech Republic	10
Denmark	11
Finland	12
France	13
Germany	14
Greece	15
Hungary	16
Iceland	17
Ireland	18
Italy	19
Japan	20
Korea	21
Luxembourg	22
Mexico	23
Netherlands	24
New Zealand	25
Norway	26
Poland	27
Portugal	28
Slovak Republic	29
Spain	30
Sweden	31
Switzerland	32
Turkey	33
United Kingdom	34
United States	35
PRINCIPLES AND DEFINITIONS	36

OECD Total

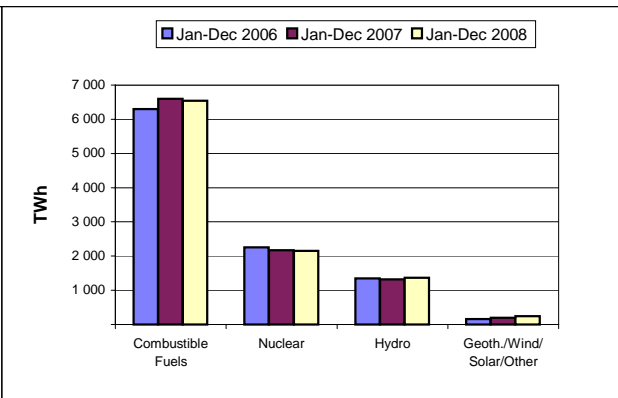
	TWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	550.8	-6.0%	535.4	531.8	521.0	6 544.7	-0.8%	6 599
+ Nuclear	193.5	-0.1%	172.1	172.2	174.3	2 149.4	-1.0%	2 170
+ Hydro	110.6	1.8%	101.0	97.7	101.6	1 367.3	4.0%	1 315
+ Geoth./Wind/Solar/Other	21.8	21.7%	18.4	21.4	21.7	239.9	21.1%	198
= Indigenous Production	876.7	-3.3%	827.0	823.1	818.6	10 301.3	0.2%	10 282
+ Imports	32.5	-4.3%	31.4	31.2	31.5	403.4	-1.0%	408
- Exports	31.8	-5.3%	29.5	30.7	31.4	393.4	-2.5%	404
= Electricity Supplied	877.5	-3.2%	828.9	823.6	818.7	10 311.3	0.2%	10 286

- Electricity production was 876.7 TWh in December 2008.
 - This was lower by 29.7 TWh, or 3.3%, compared to December 2007.
 - This was an increase of 58.1 TWh, or 7.1%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 11%, or 19.2 TWh.
- Total production for the year-to-date was 10 301.3 TWh. Comparing this to the same period last year shows that:
 - Total production was higher by 19.1 TWh, or 0.2%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 21.1% higher.
 - Trade volume decreased by 14.4 TWh, or 1.8%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

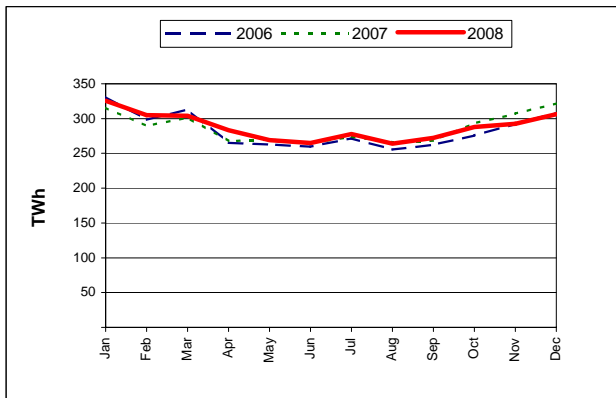
- OECD includes Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea, Luxembourg, Mexico, the Netherlands, New Zealand, Portugal, Spain, Sweden, Norway, Poland, the Slovak Republic, Switzerland, Turkey, the United Kingdom and the United States.

OECD Europe

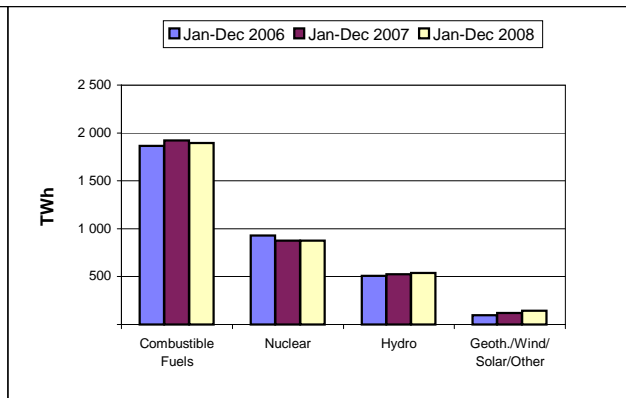
	TWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	166.3	-11.1%	153.8	166.1	164.1	1 894.7	-1.4%	1 921
+ Nuclear	81.5	0.7%	67.0	71.0	73.2	874.9	-0.3%	877
+ Hydro	45.4	6.0%	39.6	37.7	42.0	538.9	3.0%	523
+ Geoth./Wind/Solar/Other	13.2	19.6%	11.8	13.0	13.5	144.0	19.5%	121
= Indigenous Production	306.4	-4.8%	272.2	287.8	292.7	3 452.5	0.3%	3 442
+ Imports	27.7	0.1%	24.8	25.6	26.2	321.8	-4.4%	337
- Exports	26.8	-3.9%	23.5	25.0	26.0	311.6	-6.1%	332
= Electricity Supplied	307.3	-4.5%	273.6	288.4	292.9	3 462.8	0.5%	3 447

- Electricity production was 306.4 TWh in December 2008.
 - This was lower by 15.4 TWh, or 4.8%, compared to December 2007.
 - This was an increase of 13.7 TWh, or 4.7%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 11.4%, or 8.3 TWh.
- Total production for the year-to-date was 3 452.5 TWh. Comparing this to the same period last year shows that:
 - Total production was higher by 10.6 TWh, or 0.3%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 19.5% higher.
 - Trade volume decreased by 35.0 TWh, or 5.2%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

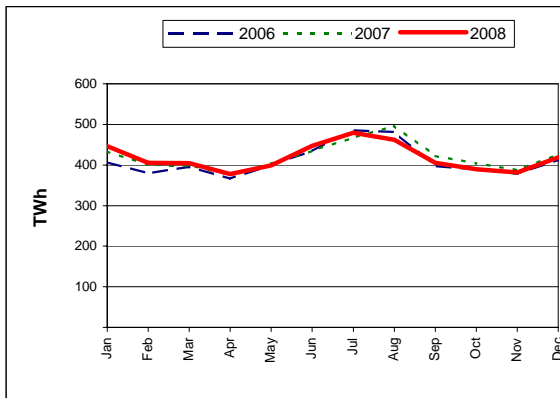
- OECD Europe includes Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, Norway, Poland, the Slovak Republic, Switzerland, Turkey and the United Kingdom.

OECD North America

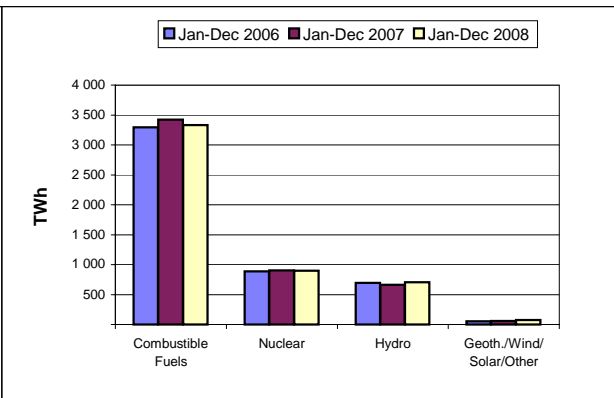
	TWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	275.6	-2.5%	275.0	261.8	252.4	3 334.0	-2.6%	3 423
+ Nuclear	79.3	-2.4%	74.8	70.7	70.9	900.4	-0.5%	905
+ Hydro	56.8	-0.6%	50.5	50.7	51.8	706.1	6.1%	665
+ Geoth./Wind/Solar/Other	7.1	34.1%	4.7	6.6	6.8	75.3	23.0%	61
= Indigenous Production	418.8	-1.8%	405.0	389.8	381.9	5 015.7	-0.8%	5 054
+ Imports	4.9	-23.2%	6.6	5.5	5.2	81.6	14.8%	71
- Exports	5.0	-12.5%	6.0	5.7	5.4	81.8	14.1%	72
= Electricity Supplied	418.6	-1.9%	405.6	389.7	381.8	5 015.5	-0.7%	5 053

- Electricity production was 418.8 TWh in December 2008.
 - This was lower by 7.5 TWh, or 1.8%, compared to December 2007.
 - This was an increase of 36.8 TWh, or 9.6%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 11.8%, or 8.4 TWh.
- Total production for the year-to-date was 5 015.7 TWh. Comparing this to the same period last year shows that:
 - Total production was lower by 38.3 TWh, or 0.8%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 23% higher.
 - Trade volume increased by 20.6 TWh, or 14.4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

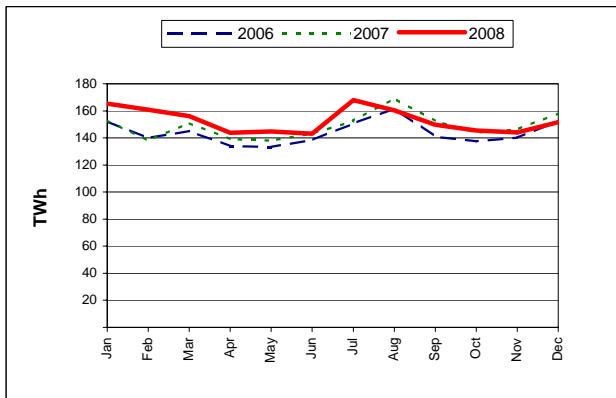
- OECD North America includes Canada, Mexico and the United States.

OECD Pacific

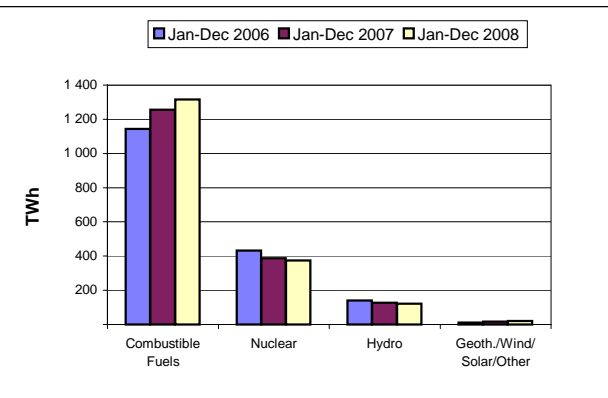
	TWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	108.9	-6.5%	106.6	103.9	104.5	1 316.0	4.9%	1 255
+ Nuclear	32.8	3.8%	30.2	30.5	30.3	374.1	-3.7%	388
+ Hydro	8.4	-3.0%	10.9	9.3	7.8	122.3	-3.3%	126
+ Geoth./Wind/Solar/Other	1.5	-6.3%	1.9	1.9	1.4	20.6	25.7%	16
= Indigenous Production	151.5	-4.3%	149.7	145.5	144.0	1 833.0	2.6%	1 786
+ Imports	0.0	0.0%	0.0	0.0	0.0	0.0	0.0%	0
- Exports	0.0	0.0%	0.0	0.0	0.0	0.0	0.0%	0
= Electricity Supplied	151.5	-4.3%	149.7	145.5	144.0	1 833.0	2.6%	1 786

- Electricity production was 151.5 TWh in December 2008.
 - This was lower by 6.7 TWh, or 4.3%, compared to December 2007.
 - This was an increase of 7.6 TWh, or 5.2%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 8.3%, or 2.5 TWh.
- Total production for the year-to-date was 1 833.0 TWh. Comparing this to the same period last year shows that:
 - Total production was higher by 46.8 TWh, or 2.6%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 25.7% higher.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

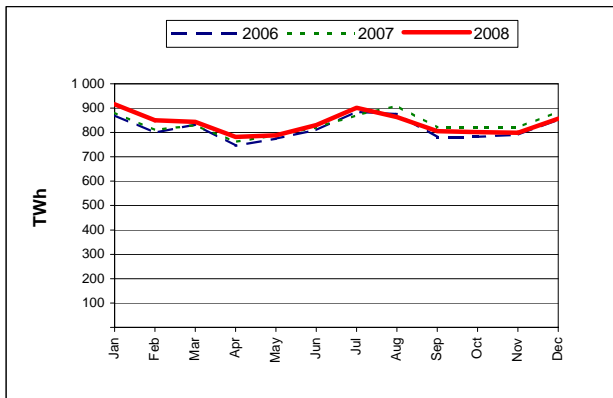
- OECD Pacific includes Australia, Japan, Korea and New Zealand.

IEA Total

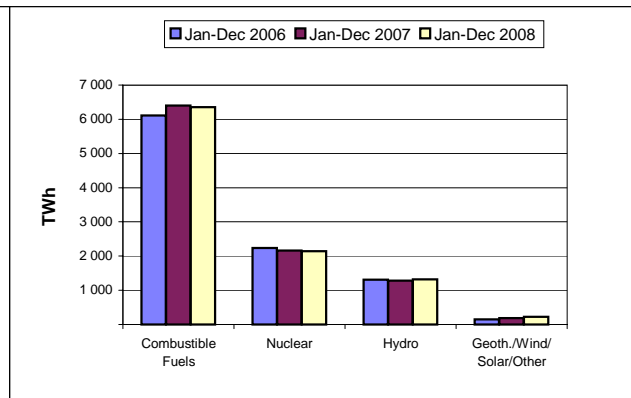
	TWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	536.0	-6.0%	521.3	516.0	506.1	6 351.0	-0.7%	6 397
+ Nuclear	192.7	-0.1%	171.6	171.8	173.9	2 140.0	-0.9%	2 160
+ Hydro	107.4	1.3%	94.5	92.7	97.8	1 316.1	2.8%	1 280
+ Geoth./Wind/Solar/Other	20.8	22.8%	17.5	20.5	20.7	229.0	22.3%	187
= Indigenous Production	856.8	-3.3%	804.9	801.0	798.5	10 036.1	0.1%	10 024
+ Imports	32.5	-4.3%	31.3	31.1	31.4	403.1	-1.0%	407
- Exports	31.6	-5.2%	29.4	30.6	31.3	391.9	-2.5%	402
= Electricity Supplied	857.8	-3.2%	806.9	801.6	798.7	10 047.3	0.2%	10 030

- Electricity production was 856.8 TWh in December 2008.
 - This was lower by 28.9 TWh, or 3.3%, compared to December 2007.
 - This was an increase of 58.3 TWh, or 7.3%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 10.8%, or 18.8 TWh.
- Total production for the year-to-date was 10 036.1 TWh. Comparing this to the same period last year shows that:
 - Total production was higher by 11.7 TWh, or 0.1%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 22.3% higher.
 - Trade volume decreased by 14.5 TWh, or 1.8%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- IEA includes all OECD countries except Iceland and Mexico.
- Poland has been included in the IEA aggregate since the September 2008 edition.
- Historical data has been revised to be consistent with the new definition.

AUSTRALIA

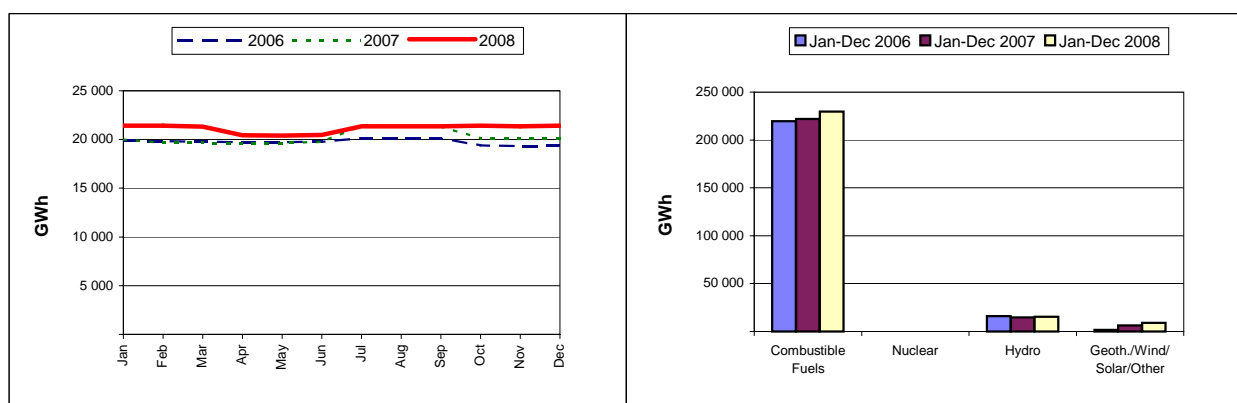
GWh

	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	19 006	5.5%	19 137	19 149	18 866	229 527	3.4%	221 902 e
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	1 535	5.5%	1 411	1 447	1 622	15 212	3.3%	14 722
+ Geoth./Wind/Solar/Other	885	37.2%	798	827	856	9 000	44.2%	6 240
= Indigenous Production	21 426	6.5%	21 346	21 423	21 344	253 739	4.5%	242 864 e
+ Imports	0	0.0%	0	0	0	0	0.0%	0
- Exports	0	0.0%	0	0	0	0	0.0%	0
= Electricity Supplied	21 426	6.5%	21 346	21 423	21 344	253 739	4.5%	242 864 e

- Electricity production was 21 426 GWh in December 2008.
 - This was higher by 1 307 GWh, or 6.5%, compared to December 2007.
 - This was an increase of 82 GWh, or 0.4%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with a decrease of 5.4%, or 87 GWh.
- Total production for the year-to-date was 253 739 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 10 875 GWh, or 4.5%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 44.2% higher.

Electricity Production Compared to Previous Year

'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

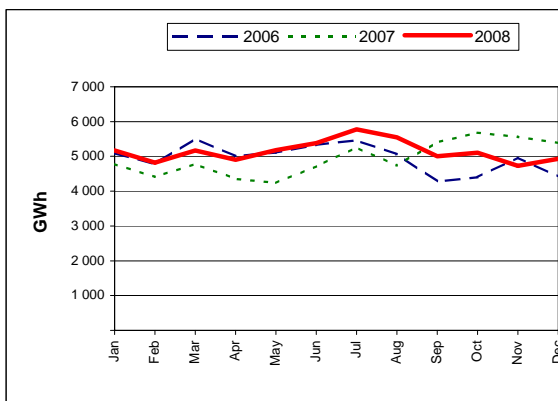
- Excludes the overseas territories.
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.
- The breakdown of Combustible Fuels and Hydro electricity production is estimated by the IEA Secretariat.
- Monthly total net production is estimated based on quarterly data.

AUSTRIA

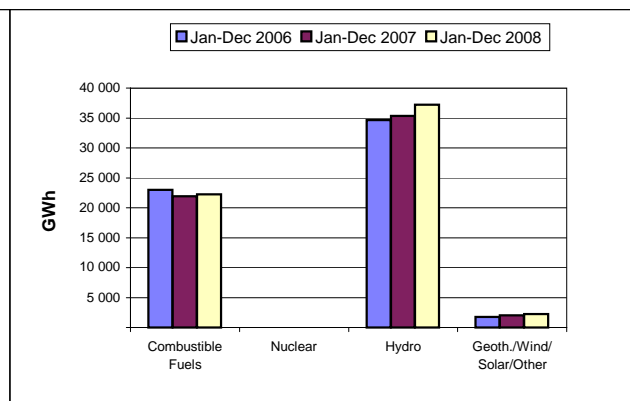
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	2 228	-15.5%	1 986	2 419	2 261	22 239	1.5%	21 914
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	2 462	-5.2%	2 848	2 515	2 272	37 219	5.2%	35 370
+ Geoth./Wind/Solar/Other	239	56.2%	172	167	192	2 242	9.3%	2 052
= Indigenous Production	4 929	-8.5%	5 006	5 101	4 725	61 700	4.0%	59 336
+ Imports	2 299	-1.7%	1 223	1 777	2 079	19 798	-10.5%	22 130
- Exports	1 425	-1.0%	826	1 026	1 125	14 932	-3.7%	15 512
= Electricity Supplied	5 803	-7.7%	5 403	5 852	5 679	66 566	0.9%	65 954

- Electricity production was 4 929 GWh in December 2008.
 - This was lower by 457 GWh, or 8.5%, compared to December 2007.
 - This was an increase of 204 GWh, or 4.3%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 24.5%, or 47 GWh.
- Total production for the year-to-date was 61 700 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 2 364 GWh, or 4%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 9.3% higher.
 - Trade volume decreased by 2 912 GWh, or 7.7%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Monthly submission of indigenous production is broken down by sources by the IEA Secretariat.

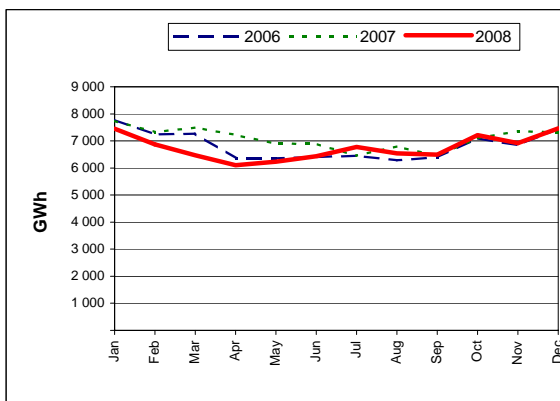
BELGIUM

GWh

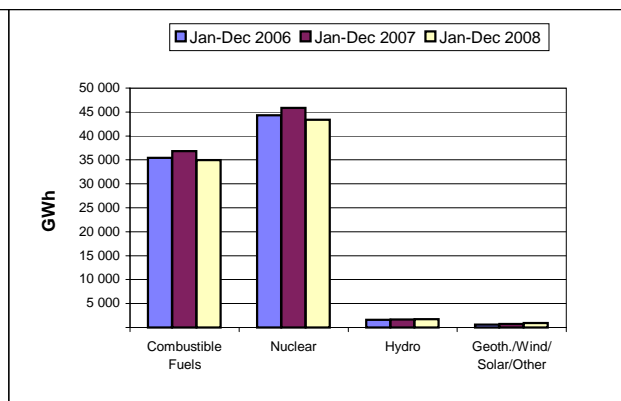
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	2 869	-14.3%	3 080	3 121	2 731	34 957	-5.2%	36 862 e
+ Nuclear	4 359	17.4%	3 227	3 871	3 946	43 359	-5.4%	45 854
+ Hydro	170	5.6%	120	150	157	1 743	4.1%	1 674
+ Geoth./Wind/Solar/Other	65	-32.3%	65	78	88	908	27.9%	710 e
= Indigenous Production	7 463	2.0%	6 492	7 220	6 922	80 967	-4.9%	85 100 e
+ Imports	867	-45.0%	1 247	1 185	1 080	17 146	8.7%	15 778
- Exports	641	29.0%	436	644	439	6 561	-27.4%	9 036
= Electricity Supplied	7 689	-8.4%	7 303	7 761	7 563	91 552	-0.3%	91 842 e

- Electricity production was 7 463 GWh in December 2008.
 - This was higher by 147 GWh, or 2%, compared to December 2007.
 - This was an increase of 541 GWh, or 7.8%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with a decrease of 26.1%, or 23 GWh.
- Total production for the year-to-date was 80 967 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 4 133 GWh, or 4.9%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 27.9% higher.
 - Trade volume decreased by 1 107 GWh, or 4.5%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



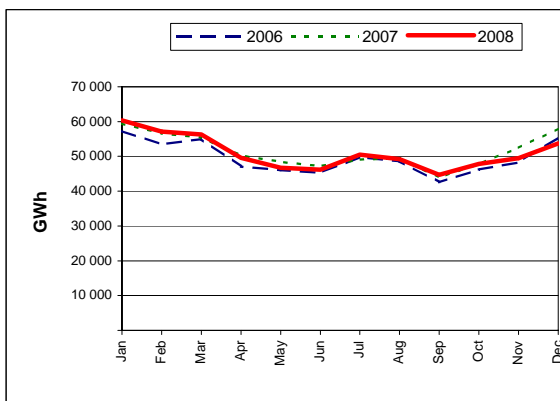
COUNTRY NOTES:

CANADA

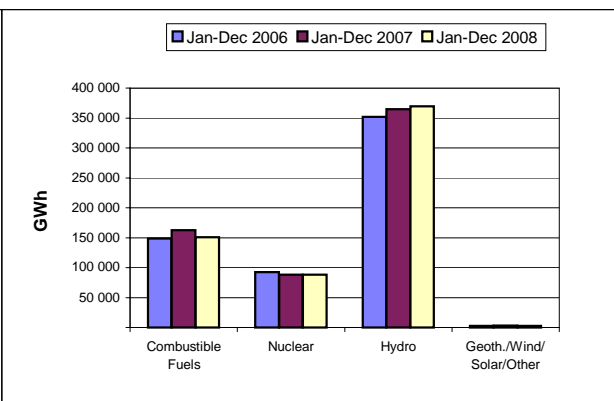
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	13 021	-9.0%	11 376	12 022	12 395	150 973	-7.0%	162 338 e
+ Nuclear	8 214	-1.5%	7 364	7 471	7 050	88 158	0.0%	88 200
+ Hydro	32 269	-7.8%	25 734	28 070	29 800	369 685	1.3%	364 868
+ Geoth./Wind/Solar/Other	238	-8.5%	227	231	234	2 789	-8.6%	3 051
= Indigenous Production	53 742	-7.2%	44 701	47 794	49 479	611 605	-1.1%	618 457 e
+ Imports	1 354	-39.9%	1 639	1 876	1 929	24 225	24.7%	19 433
- Exports	3 376	-1.2%	4 094	3 543	3 214	56 230	12.3%	50 087
= Electricity Supplied	51 720	-8.9%	42 246	46 127	48 194	579 600	-1.4%	587 803 e

- Electricity production was 53 742 GWh in December 2008.
 - This was lower by 4 169 GWh, or 7.2%, compared to December 2007.
 - This was an increase of 4 263 GWh, or 8.6%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 16.5%, or 1 164 GWh.
- Total production for the year-to-date was 611 605 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 6 852 GWh, or 1.1%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 8.6% lower.
 - Trade volume increased by 10 935 GWh, or 15.7%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

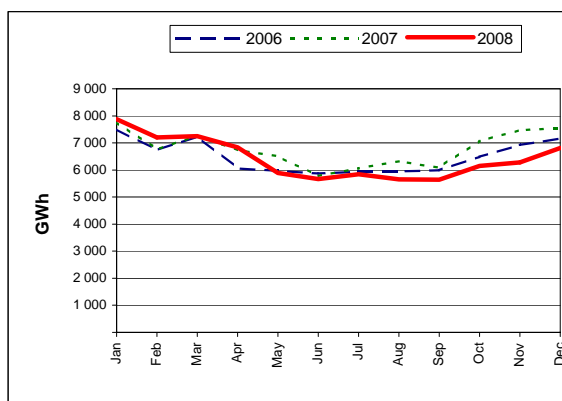
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.

CZECH REPUBLIC

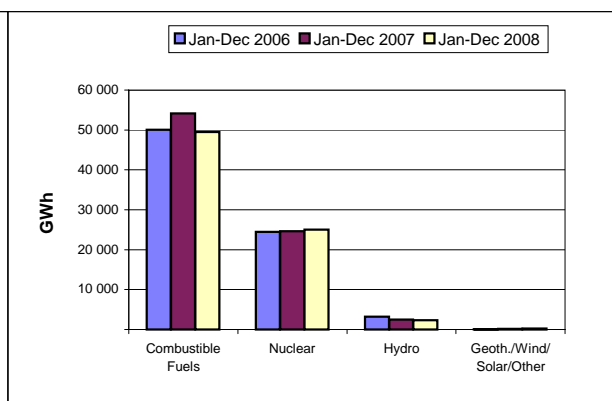
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	4 342	-10.1%	3 581	4 248	4 458	49 462	-8.7%	54 146
+ Nuclear	2 269	-4.5%	1 936	1 729	1 627	25 017	1.6%	24 623
+ Hydro	167	-48.8%	108	156	162	2 359	-6.2%	2 514
+ Geoth./Wind/Solar/Other	32	113.3%	13	19	29	247	97.6%	125
= Indigenous Production	6 810	-9.8%	5 638	6 152	6 276	77 085	-5.3%	81 408
+ Imports	770	-22.1%	483	772	896	8 523	-16.5%	10 204
- Exports	1 832	-20.7%	1 028	1 347	1 466	19 989	-24.2%	26 357
= Electricity Supplied	5 748	-7.7%	5 093	5 577	5 706	65 619	0.6%	65 255

- Electricity production was 6 810 GWh in December 2008.
 - This was lower by 737 GWh, or 9.8%, compared to December 2007.
 - This was an increase of 534 GWh, or 8.5%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 39.5%, or 642 GWh.
- Total production for the year-to-date was 77 085 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 4 323 GWh, or 5.3%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 97.6% higher.
 - Trade volume decreased by 8 049 GWh, or 22%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



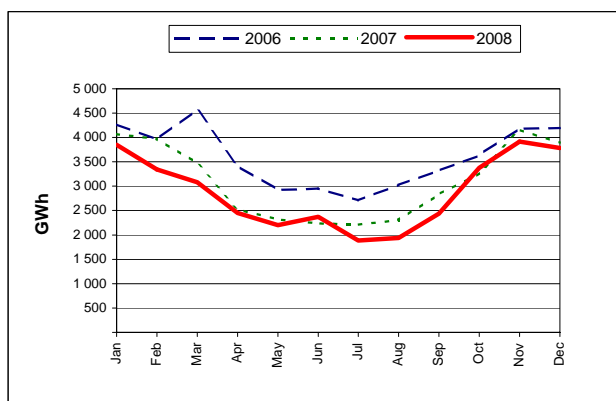
COUNTRY NOTES:

DENMARK

	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	3 335	1.0%	2 058	2 687	3 151	27 675	-8.0%	30 083
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	2	-33.3%	2	2	2	27	-10.0%	30
+ Geoth./Wind/Solar/Other	445	-24.8%	377	687	761	6 930	-3.4%	7 172
= Indigenous Production	3 782	-3.0%	2 437	3 376	3 914	34 632	-7.1%	37 285
+ Imports	830	63.7%	1 262	959	723	12 813	22.9%	10 427
- Exports	1 318	25.9%	860	1 251	1 460	11 361	-0.1%	11 377
= Electricity Supplied	3 294	-1.9%	2 839	3 084	3 177	36 084	-0.7%	36 335

- Electricity production was 3 782 GWh in December 2008.
 - This was lower by 115 GWh, or 3%, compared to December 2007.
 - This was a decrease of 132 GWh, or 3.4%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with a decrease of 41.5%, or 316 GWh.
- Total production for the year-to-date was 34 632 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 2 653 GWh, or 7.1%.
 - Hydro production showed the largest percentage change by fuel type, being 10% lower.
 - Trade volume increased by 2 370 GWh, or 10.9%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Does not include Greenland and the Faroe Islands.

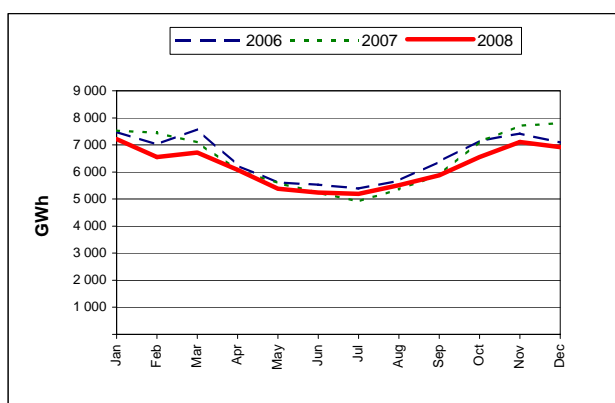
FINLAND

GWh

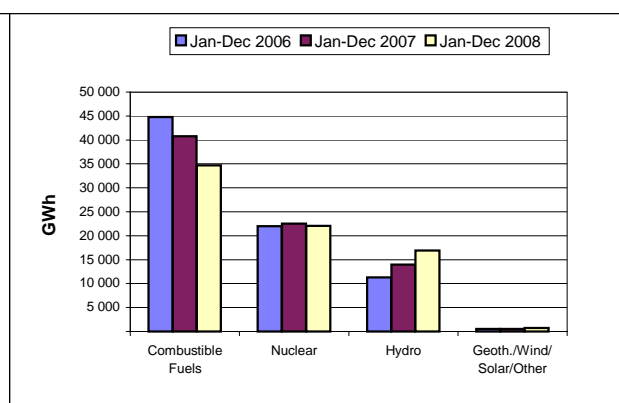
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	3 369	-24.5%	3 139	3 228	3 537	34 671	-15.0%	40 789
+ Nuclear	2 019	1.4%	1 433	1 848	1 955	22 037	-2.1%	22 499
+ Hydro	1 448	13.4%	1 263	1 375	1 535	16 913	20.9%	13 993
+ Geoth./Wind/Solar/Other	82	-3.5%	45	100	82	747	37.6%	543
= Indigenous Production	6 918	-11.5%	5 880	6 551	7 109	74 368	-4.4%	77 824
+ Imports	1 283	8.8%	1 234	1 231	1 260	16 108	4.5%	15 419
- Exports	689	-2.4%	473	487	808	3 334	16.5%	2 861
= Electricity Supplied	7 512	-9.4%	6 641	7 295	7 561	87 142	-3.6%	90 382

- Electricity production was 6 918 GWh in December 2008.
 - This was lower by 899 GWh, or 11.5%, compared to December 2007.
 - This was a decrease of 191 GWh, or 2.7%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with a decrease of 5.7%, or 87 GWh.
- Total production for the year-to-date was 74 368 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 3 456 GWh, or 4.4%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 37.6% higher.
 - Trade volume increased by 1 162 GWh, or 6.4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



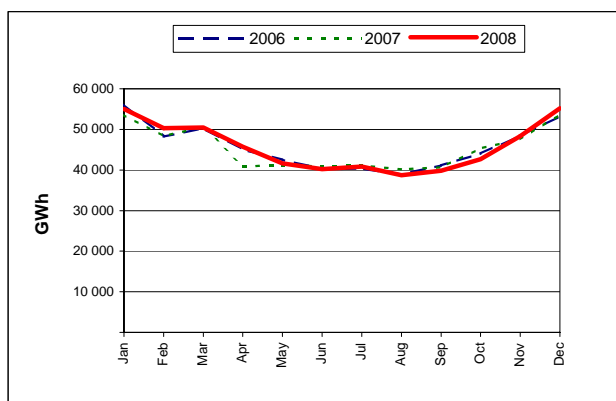
COUNTRY NOTES:

FRANCE

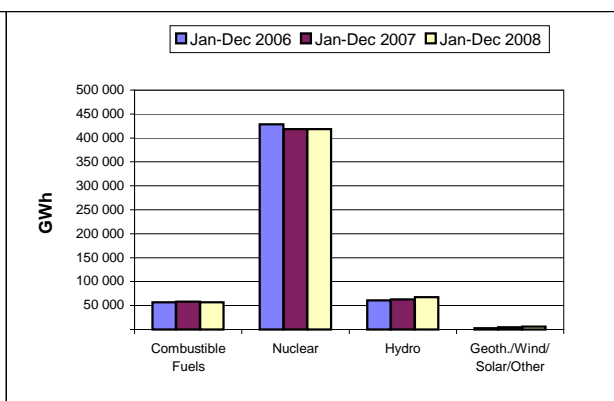
	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	7 618	-10.4%	3 327	4 502	6 532	57 002	-2.3%	58 361
+ Nuclear	41 308	3.2%	31 239	33 950	36 123	418 298	-0.1%	418 611
+ Hydro	5 517	20.6%	4 753	3 712	4 995	67 418	7.2%	62 883
+ Geoth./Wind/Solar/Other	730	13.0%	514	526	705	6 319	37.9%	4 583
= Indigenous Production	55 173	2.7%	39 833	42 690	48 355	549 037	0.8%	544 438
+ Imports	1 548	-22.8%	974	1 751	1 043	10 571	-2.0%	10 782
- Exports	4 317	21.2%	4 625	3 095	4 423	58 602	-13.3%	67 595
= Electricity Supplied	52 404	0.4%	36 182	41 346	44 975	501 006	2.7%	487 625

- Electricity production was 55 173 GWh in December 2008.
 - This was higher by 1 445 GWh, or 2.7%, compared to December 2007.
 - This was an increase of 6 818 GWh, or 14.1%, compared to the previous month.
 - Combustible Fuels production showed the most significant percentage change compared to the previous month with an increase of 16.6%, or 1 086 GWh.
- Total production for the year-to-date was 549 037 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 4 599 GWh, or 0.8%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 37.9% higher.
 - Trade volume decreased by 9 204 GWh, or 11.7%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

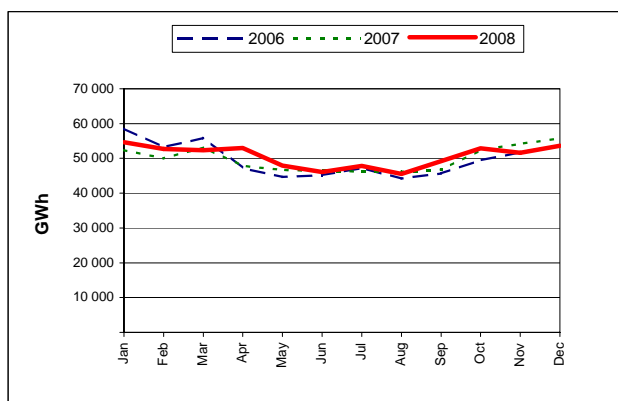
- The share of electricity production from independent power producers is estimated by the IEA Secretariat.
- Includes Monaco but excludes the French overseas territories Guadeloupe, Martinique, Guyane, Reunion, St.-Pierre and Miquelon, New Caledonia and French Polynesia.

GERMANY

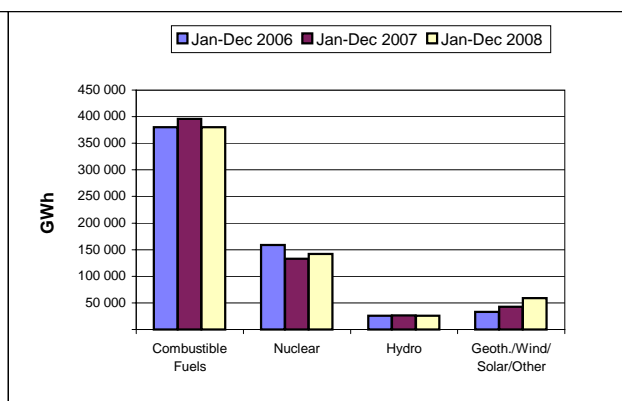
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	33 111	-13.0%	30 642	34 154	32 198	380 334	-3.9%	395 748 e
+ Nuclear	12 896	13.1%	11 517	11 523	12 132	142 220	6.7%	133 228
+ Hydro	1 940	-15.6%	1 777	1 810	1 743	25 705	-3.6%	26 672
+ Geoth./Wind/Solar/Other	5 671	37.9%	5 240	5 384	5 528	59 027	37.9%	42 789
= Indigenous Production	53 618	-4.0%	49 176	52 871	51 601	607 286	1.5%	598 437 e
+ Imports	3 487	29.6%	3 433	2 956	3 141	42 873	-7.1%	46 130
- Exports	6 348	-16.4%	4 311	5 953	5 951	63 893	2.2%	62 514
= Electricity Supplied	50 757	-0.4%	48 298	49 874	48 791	586 266	0.7%	582 053 e

- Electricity production was 53 618 GWh in December 2008.
 - This was lower by 2 231 GWh, or 4%, compared to December 2007.
 - This was an increase of 2 017 GWh, or 3.9%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 11.3%, or 197 GWh.
- Total production for the year-to-date was 607 286 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 8 849 GWh, or 1.5%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 37.9% higher.
 - Trade volume decreased by 1 878 GWh, or 1.7%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Net production is estimated from monthly submission of gross production.
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.

GREECE

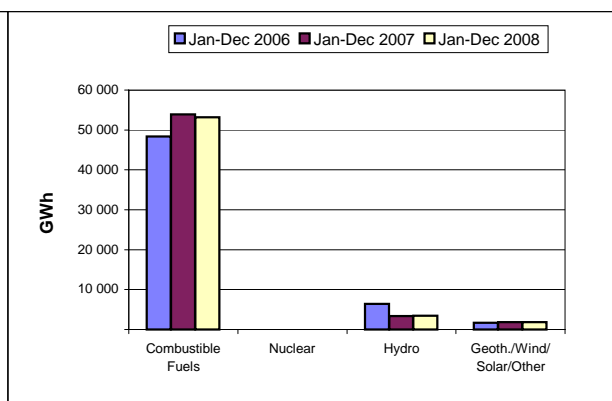
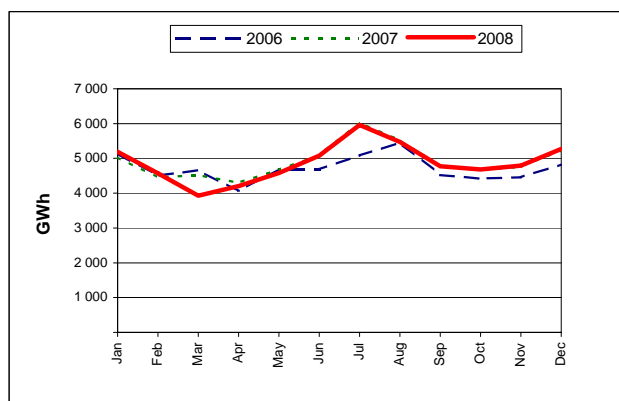
GWh

	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	4 745	-0.7%	4 390	4 306	4 310	53 181	-1.3%	53 907 e
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	370	21.3%	232	218	328	3 488	3.6%	3 367
+ Geoth./Wind/Solar/Other	156	1.3%	153	154	155	1 833	1.3%	1 809
= Indigenous Production	5 271	0.6%	4 775	4 678	4 793	58 502	-1.0%	59 083 e
+ Imports	437	-12.9%	610	292	264	6 929	17.5%	5 895
- Exports	18	-35.7%	24	6	9	292	8.1%	270
= Electricity Supplied	5 690	-0.4%	5 361	4 964	5 048	65 139	0.7%	64 708 e

- Electricity production was 5 271 GWh in December 2008.
 - This was higher by 33 GWh, or 0.6%, compared to December 2007.
 - This was an increase of 478 GWh, or 10%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 12.8%, or 42 GWh.
- Total production for the year-to-date was 58 502 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 581 GWh, or 1%.
 - Hydro production showed the largest percentage change by fuel type, being 3.6% higher.
 - Trade volume increased by 1 056 GWh, or 17.1%.

Electricity Production Compared to Previous Year

'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Production and trade data from October to December 2008 were estimated by the IEA Secretariat.

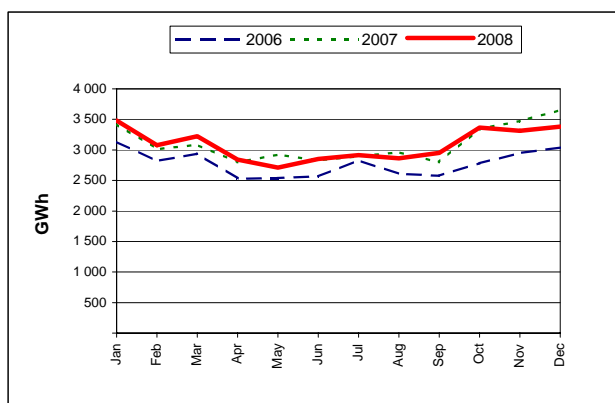
HUNGARY

GWh

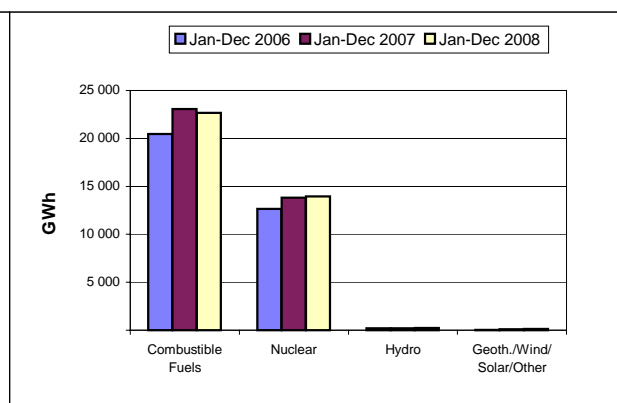
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	1 949	-13.2%	1 918	2 044	2 033	22 664	-1.8%	23 079
+ Nuclear	1 402	1.7%	1 002	1 292	1 255	13 963	1.0%	13 828
+ Hydro	17	-5.6%	19	19	17	220	7.3%	205
+ Geoth./Wind/Solar/Other	13	30.0%	10	10	9	125	16.8%	107
= Indigenous Production	3 381	-7.4%	2 949	3 365	3 314	36 972	-0.7%	37 219
+ Imports	835	-30.4%	918	1 047	895	12 583	-14.3%	14 681
- Exports	857	-26.9%	532	947	793	8 645	-19.2%	10 696
= Electricity Supplied	3 359	-8.7%	3 335	3 465	3 416	40 910	-0.7%	41 204

- Electricity production was 3 381 GWh in December 2008.
 - This was lower by 271 GWh, or 7.4%, compared to December 2007.
 - This was an increase of 67 GWh, or 2%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 44.4%, or 4 GWh.
- Total production for the year-to-date was 36 972 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 247 GWh, or 0.7%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 16.8% higher.
 - Trade volume decreased by 4 149 GWh, or 16.3%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

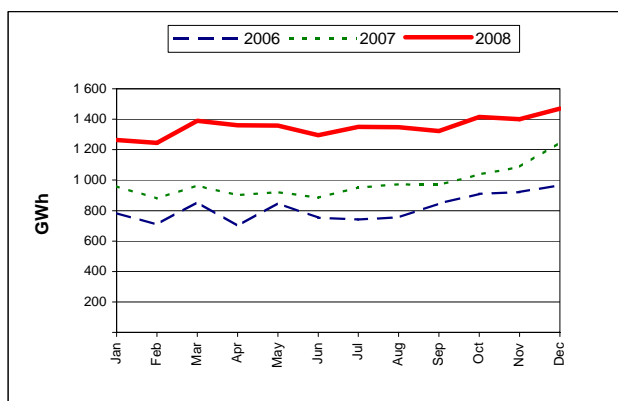
- Net production is estimated from monthly submission of gross production.

ICELAND

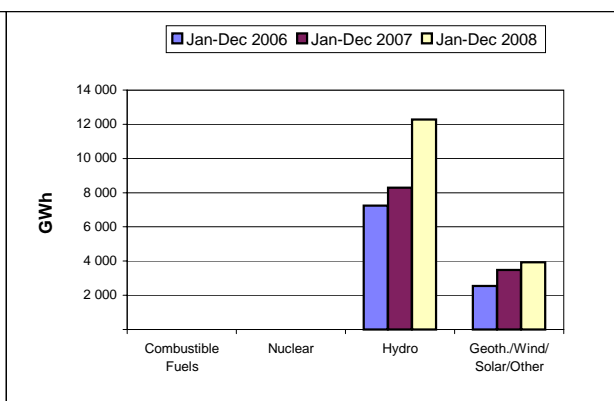
	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	0	0.0%	0	0	0	0	-100.0%	4
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	1 067	15.6%	1 014	1 047	1 014	12 279	48.0%	8 299
+ Geoth./Wind/Solar/Other	402	24.1%	308	367	386	3 933	12.9%	3 484
= Indigenous Production	1 469	17.8%	1 322	1 414	1 400	16 212	37.5%	11 787
+ Imports	0	0.0%	0	0	0	0	0.0%	0
- Exports	0	0.0%	0	0	0	0	0.0%	0
= Electricity Supplied	1 469	17.8%	1 322	1 414	1 400	16 212	37.5%	11 787

- Electricity production was 1 469 GWh in December 2008.
 - This was higher by 222 GWh, or 17.8%, compared to December 2007.
 - This was an increase of 69 GWh, or 4.9%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 5.2%, or 53 GWh.
- Total production for the year-to-date was 16 212 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 4 425 GWh, or 37.5%.
 - Combustible Fuels production showed the largest percentage change by fuel type, being 100% lower.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

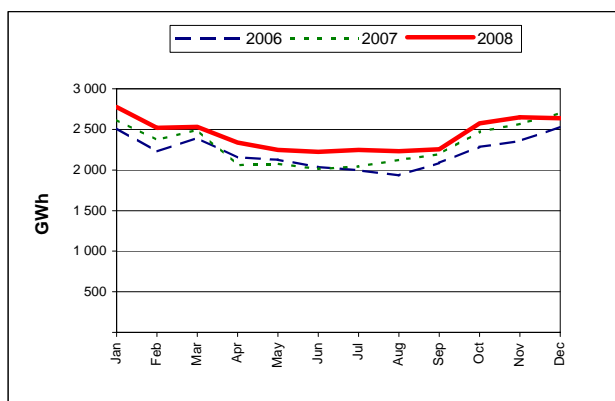
- Net production is estimated from monthly submission of gross production.

IRELAND

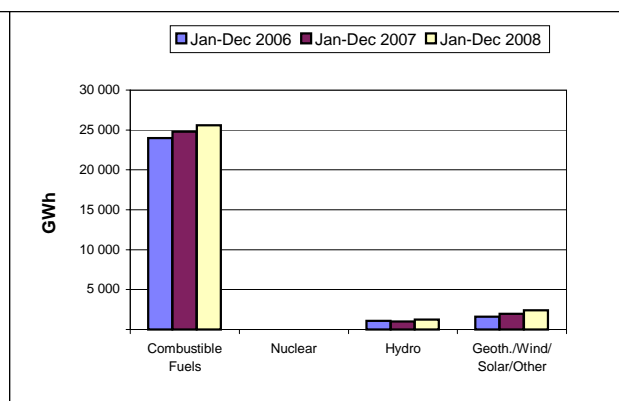
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	2 243	-1.1%	1 990	2 165	2 271	25 585	3.2%	24 786
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	127	-11.2%	121	145	135	1 241	23.2%	1 007
+ Geoth./Wind/Solar/Other	269	-7.9%	144	265	243	2 409	22.9%	1 960
= Indigenous Production	2 639	-2.3%	2 255	2 575	2 649	29 235	5.3%	27 753
+ Imports	77	185.2%	58	14	9	754	-46.5%	1 410
- Exports	13	-73.5%	6	66	86	306	273.2%	82
= Electricity Supplied	2 703	0.9%	2 307	2 523	2 572	29 683	2.1%	29 081

- Electricity production was 2 639 GWh in December 2008.
 - This was lower by 63 GWh, or 2.3%, compared to December 2007.
 - This was a decrease of 10 GWh, or 0.4%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 10.7%, or 26 GWh.
- Total production for the year-to-date was 29 235 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 1 482 GWh, or 5.3%.
 - Hydro production showed the largest percentage change by fuel type, being 23.2% higher.
 - Trade volume decreased by 432 GWh, or 29%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

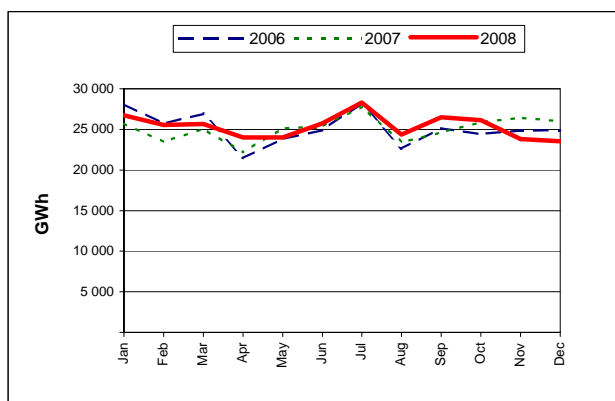
ITALY

GWh

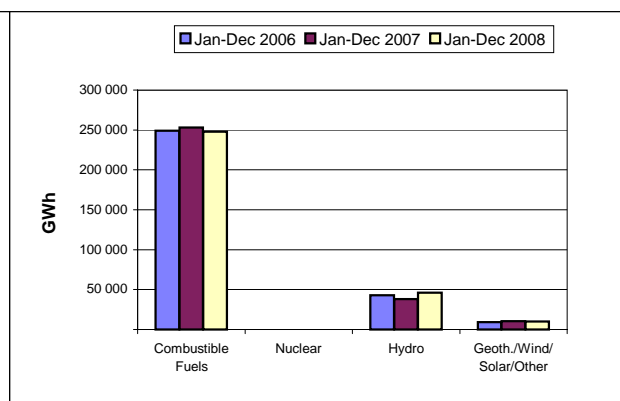
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	18 886	-16.5%	21 825	22 323	19 151	247 943	-2.0%	253 036
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	3 814	49.9%	3 873	3 006	3 860	46 221	21.8%	37 961
+ Geoth./Wind/Solar/Other	823	-7.1%	801	817	801	10 206	-0.9%	10 300 e
= Indigenous Production	23 523	-9.7%	26 499	26 146	23 812	304 370	1.0%	301 297 e
+ Imports	4 079	10.5%	3 069	3 094	3 837	42 997	-11.5%	48 570
- Exports	432	61.8%	343	255	231	3 431	30.0%	2 640
= Electricity Supplied	27 170	-7.8%	29 225	28 985	27 418	343 936	-0.9%	347 227 e

- Electricity production was 23 523 GWh in December 2008.
 - This was lower by 2 515 GWh, or 9.7%, compared to December 2007.
 - This was a decrease of 289 GWh, or 1.2%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 2.7%, or 22 GWh.
- Total production for the year-to-date was 304 370 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 3 073 GWh, or 1%.
 - Hydro production showed the largest percentage change by fuel type, being 21.8% higher.
 - Trade volume decreased by 4 782 GWh, or 9.3%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

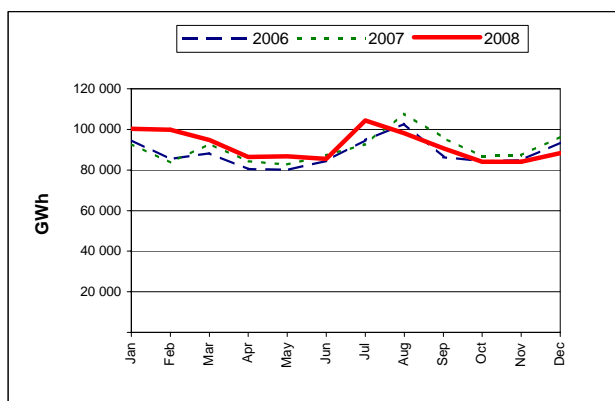
- Includes San Marino and the Vatican.

JAPAN

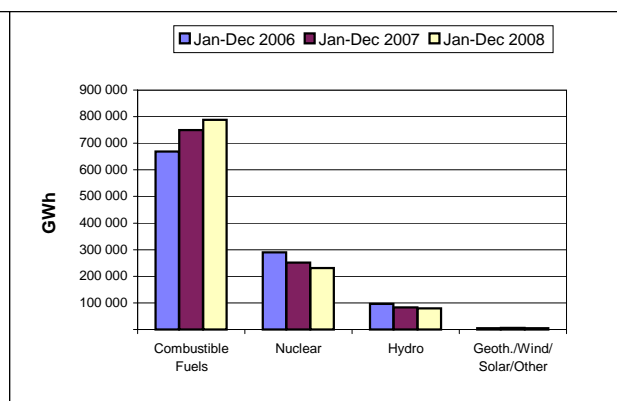
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	62 529	-11.9%	64 198	59 537	61 223	787 698	5.0%	750 039
+ Nuclear	21 087	7.2%	19 135	18 881	18 878	230 717	-8.3%	251 693
+ Hydro	4 708	-8.5%	6 817	5 237	4 025	79 431	-4.8%	83 470
+ Geoth./Wind/Solar/Other	0	-100.0%	508	431	0	5 052	-6.8%	5 421
= Indigenous Production	88 324	-8.3%	90 658	84 086	84 126	1 102 898	1.1%	1 090 623
+ Imports	0	0.0%	0	0	0	0	0.0%	0
- Exports	0	0.0%	0	0	0	0	0.0%	0
= Electricity Supplied	88 324	-8.3%	90 658	84 086	84 126	1 102 898	1.1%	1 090 623

- Electricity production was 88 324 GWh in December 2008.
 - This was lower by 7 979 GWh, or 8.3%, compared to December 2007.
 - This was an increase of 4 198 GWh, or 5%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 17%, or 683 GWh.
- Total production for the year-to-date was 1 102 898 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 12 275 GWh, or 1.1%.
 - Nuclear production showed the largest percentage change by fuel type, being 8.3% lower.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

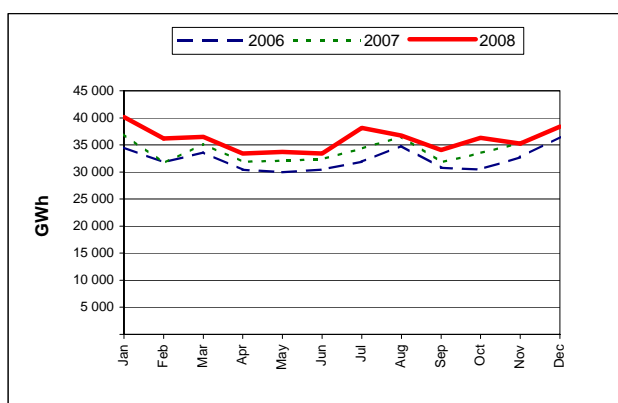
- Net production is estimated based on monthly submission for main producers.
- The breakdown of supplementary production sources is calculated annually by the IEA Secretariat.

KOREA

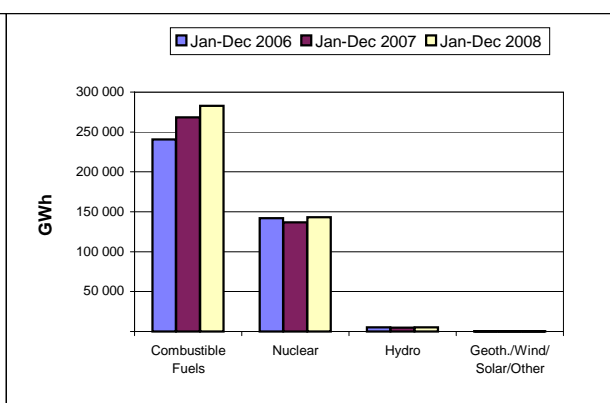
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	26 348	0.4%	22 234	24 227	23 537	282 861	5.4%	268 279 e
+ Nuclear	11 716	-1.7%	11 097	11 602	11 410	143 350	4.9%	136 598
+ Hydro	234	-9.7%	667	412	265	5 318	6.9%	4 975
+ Geoth./Wind/Solar/Other	51	10.9%	50	50	51	585	13.2%	517 e
= Indigenous Production	38 349	-0.3%	34 048	36 291	35 263	432 114	5.3%	410 369 e
+ Imports	0	0.0%	0	0	0	0	0.0%	0
- Exports	0	0.0%	0	0	0	0	0.0%	0
= Electricity Supplied	38 349	-0.3%	34 048	36 291	35 263	432 114	5.3%	410 369 e

- Electricity production was 38 349 GWh in December 2008.
 - This was lower by 114 GWh, or 0.3%, compared to December 2007.
 - This was an increase of 3 086 GWh, or 8.8%, compared to the previous month.
 - Combustible Fuels production showed the most significant percentage change compared to the previous month with an increase of 11.9%, or 2 811 GWh.
- Total production for the year-to-date was 432 114 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 21 745 GWh, or 5.3%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 13.2% higher.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

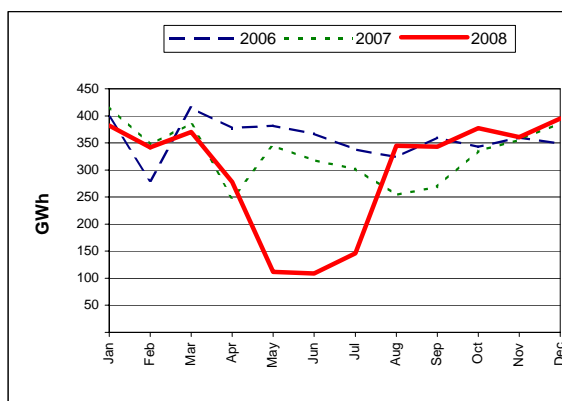
- The share of electricity production from autoproducers is estimated by the IEA Secretariat.
- Net production is estimated from monthly submission of gross production.
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.
- Production data for December 2008 were estimated by the IEA Secretariat.

LUXEMBOURG

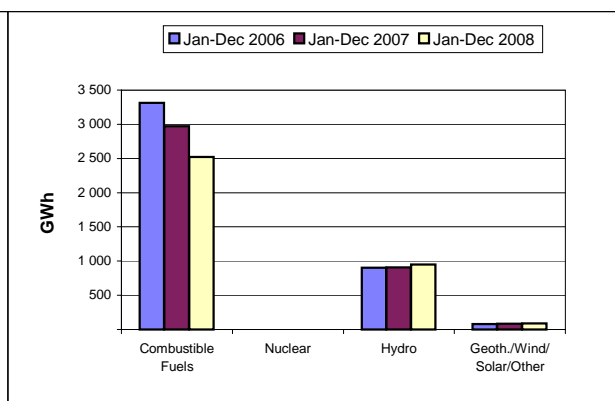
	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	294	-3.0%	269	294	270	2 523	-15.1%	2 971
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	89	18.7%	68	77	82	950	4.7%	907
+ Geoth./Wind/Solar/Other	12	33.3%	6	6	9	87	1.2%	86
= Indigenous Production	395	2.1%	343	377	361	3 560	-10.2%	3 964
+ Imports	487	-14.6%	529	533	487	6 847	0.0%	6 846
- Exports	252	-10.3%	248	261	252	2 480	-14.0%	2 883
= Electricity Supplied	630	-6.8%	624	649	596	7 927	0.0%	7 927

- Electricity production was 395 GWh in December 2008.
 - This was higher by 8 GWh, or 2.1%, compared to December 2007.
 - This was an increase of 34 GWh, or 9.4%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 33.3%, or 3 GWh.
- Total production for the year-to-date was 3 560 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 404 GWh, or 10.2%.
 - Combustible Fuels production showed the largest percentage change by fuel type, being 15.1% lower.
 - Trade volume decreased by 402 GWh, or 4.1%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



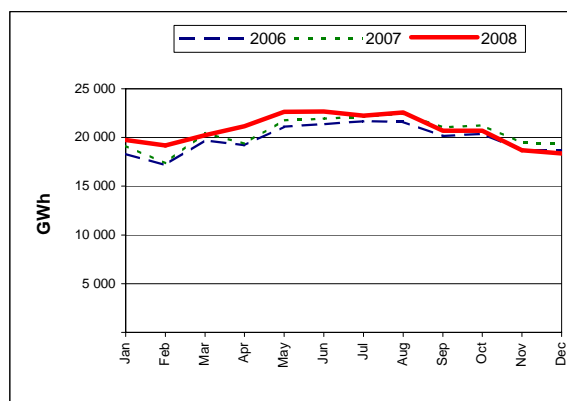
COUNTRY NOTES:

MEXICO

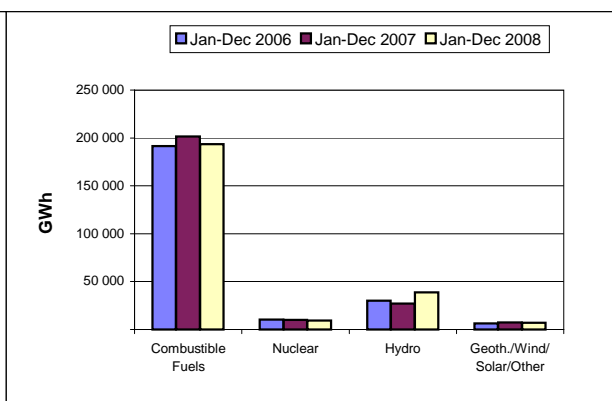
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	14 815	-7.6%	14 142	15 715	14 929	193 674	-4.0%	201 700
+ Nuclear	797	-14.0%	452	433	428	9 339	-6.1%	9 947
+ Hydro	2 179	21.8%	5 546	4 013	2 802	38 912	44.2%	26 976
+ Geoth./Wind/Solar/Other	581	-10.1%	567	551	546	6 992	-4.6%	7 327
= Indigenous Production	18 372	-5.3%	20 707	20 712	18 705	248 917	1.2%	245 950
+ Imports	20	81.8%	63	27	25	351	27.2%	276
- Exports	182	-23.8%	89	122	134	1 453	0.1%	1 452
= Electricity Supplied	18 210	-5.0%	20 681	20 617	18 596	247 815	1.2%	244 774

- Electricity production was 18 372 GWh in December 2008.
 - This was lower by 1 019 GWh, or 5.3%, compared to December 2007.
 - This was a decrease of 333 GWh, or 1.8%, compared to the previous month.
 - Nuclear production showed the most significant percentage change compared to the previous month with an increase of 86.2%, or 369 GWh.
- Total production for the year-to-date was 248 917 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 2 967 GWh, or 1.2%.
 - Hydro production showed the largest percentage change by fuel type, being 44.2% higher.
 - Trade volume increased by 76 GWh, or 4.4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

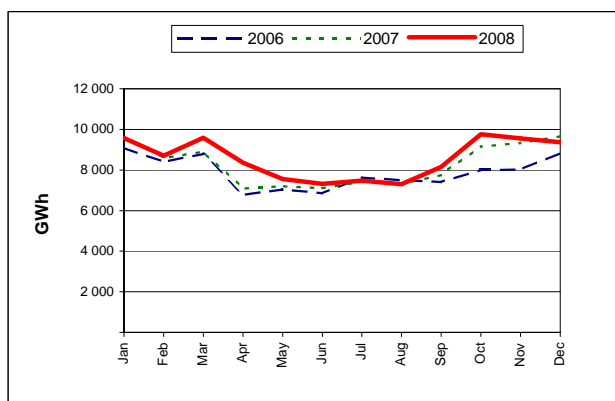
- Share of electricity production from autoproducers is estimated by the IEA Secretariat.

NETHERLANDS

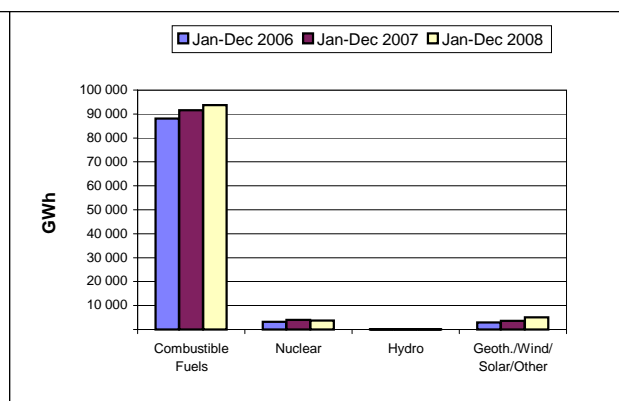
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	8 595	-5.9%	7 486	8 935	8 663	93 734	2.4%	91 513
+ Nuclear	347	-32.8%	330	345	336	3 762	-5.2%	3 970
+ Hydro	13	8.3%	5	8	10	95	-10.4%	106
+ Geoth./Wind/Solar/Other	406	0.0%	331	465	539	5 080	39.2%	3 650
= Indigenous Production	9 361	-3.1%	8 152	9 753	9 548	102 671	3.5%	99 239
+ Imports	2 063	9.4%	1 909	1 586	1 586	25 200	8.9%	23 138
- Exports	592	-48.3%	585	1 087	1 087	9 521	71.1%	5 565
= Electricity Supplied	10 832	4.1%	9 476	10 252	10 047	118 350	1.3%	116 812

- Electricity production was 9 361 GWh in December 2008.
 - This was lower by 299 GWh, or 3.1%, compared to December 2007.
 - This was a decrease of 187 GWh, or 2%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 30%, or 3 GWh.
- Total production for the year-to-date was 102 671 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 3 432 GWh, or 3.5%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 39.2% higher.
 - Trade volume increased by 6 018 GWh, or 21%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

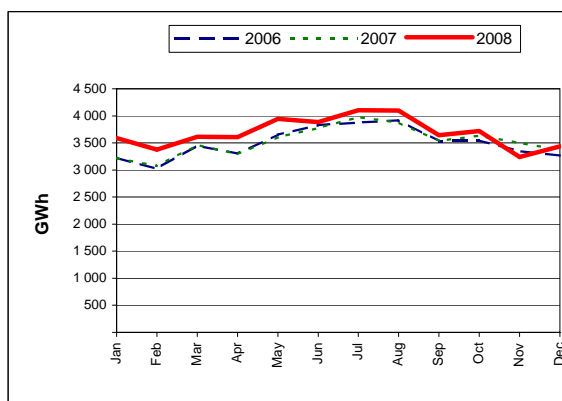
- Excludes Suriname and the Netherlands Antilles.

NEW ZEALAND

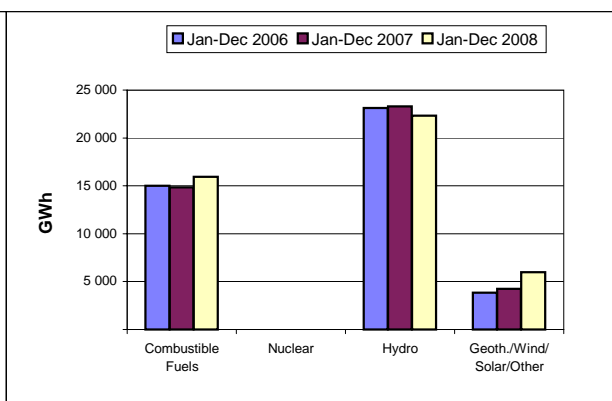
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	1 003	-17.0%	1 070	979	834	15 940	7.4%	14 848
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	1 917	6.9%	2 050	2 189	1 908	22 328	-4.1%	23 283
+ Geoth./Wind/Solar/Other	514	36.3%	523	553	500	5 992	41.5%	4 235
= Indigenous Production	3 434	1.6%	3 643	3 721	3 242	44 260	4.5%	42 366
+ Imports	0	0.0%	0	0	0	0	0.0%	0
- Exports	0	0.0%	0	0	0	0	0.0%	0
= Electricity Supplied	3 434	1.6%	3 643	3 721	3 242	44 260	4.5%	42 366

- Electricity production was 3 434 GWh in December 2008.
 - This was higher by 54 GWh, or 1.6%, compared to December 2007.
 - This was an increase of 192 GWh, or 5.9%, compared to the previous month.
 - Combustible Fuels production showed the most significant percentage change compared to the previous month with an increase of 20.3%, or 169 GWh.
- Total production for the year-to-date was 44 260 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 1 894 GWh, or 4.5%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 41.5% higher.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Monthly electricity production is estimated by the IEA Secretariat with submission by the National Administration, which covers output from major generators including state-owned enterprises (about 80-85% of New Zealand's generation).

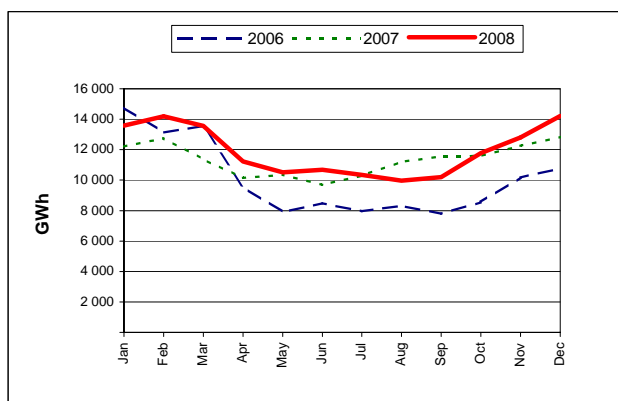
NORWAY

GWh

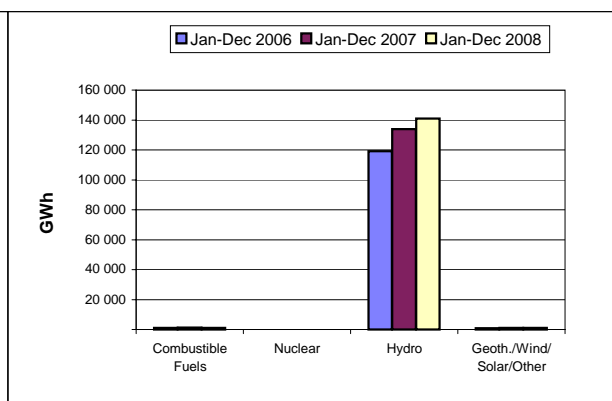
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	68	-66.0%	84	81	77	1 061	-21.1%	1 345
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	14 017	11.8%	10 034	11 558	12 583	140 949	5.2%	133 950
+ Geoth./Wind/Solar/Other	127	12.4%	70	145	137	1 031	-4.2%	1 076
= Indigenous Production	14 212	10.6%	10 188	11 784	12 797	143 041	4.9%	136 371
+ Imports	332	-59.2%	194	299	427	3 401	-35.6%	5 284
- Exports	1 563	150.5%	1 373	1 451	1 363	17 475	14.1%	15 319
= Electricity Supplied	12 981	-0.5%	9 009	10 632	11 861	128 967	2.1%	126 336

- Electricity production was 14 212 GWh in December 2008.
 - This was higher by 1 361 GWh, or 10.6%, compared to December 2007.
 - This was an increase of 1 415 GWh, or 11.1%, compared to the previous month.
 - Combustible Fuels production showed the most significant percentage change compared to the previous month with a decrease of 11.7%, or 9 GWh.
- Total production for the year-to-date was 143 041 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 6 670 GWh, or 4.9%.
 - Combustible Fuels production showed the largest percentage change by fuel type, being 21.1% lower.
 - Trade volume increased by 273 GWh, or 1.3%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

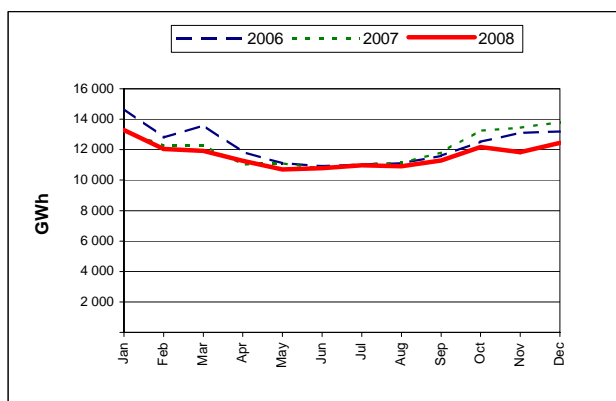
- Net production is estimated from monthly submission of gross production.

POLAND

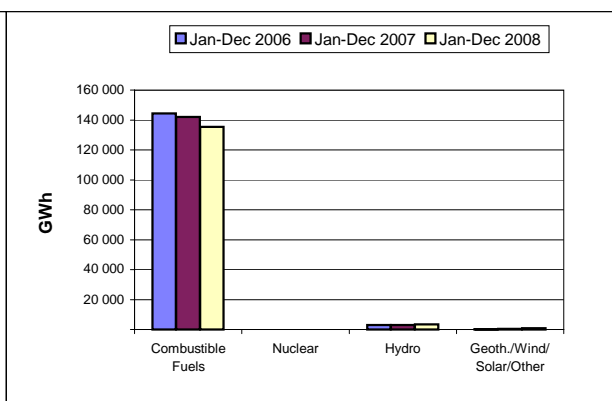
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	12 049	-10.5%	10 994	11 768	11 413	135 491	-4.6%	141 951
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	320	14.7%	265	323	289	3 392	16.5%	2 911
+ Geoth./Wind/Solar/Other	83	6.4%	36	85	126	795	52.6%	521
= Indigenous Production	12 452	-9.9%	11 295	12 176	11 828	139 678	-3.9%	145 383
+ Imports	525	18.8%	577	774	697	8 407	8.3%	7 761
- Exports	902	-27.3%	597	861	865	9 704	-26.0%	13 110
= Electricity Supplied	12 075	-7.3%	11 275	12 089	11 660	138 381	-1.2%	140 034

- Electricity production was 12 452 GWh in December 2008.
 - This was lower by 1 370 GWh, or 9.9%, compared to December 2007.
 - This was an increase of 624 GWh, or 5.3%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with a decrease of 34.1%, or 43 GWh.
- Total production for the year-to-date was 139 678 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 5 705 GWh, or 3.9%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 52.6% higher.
 - Trade volume decreased by 2 760 GWh, or 13.2%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

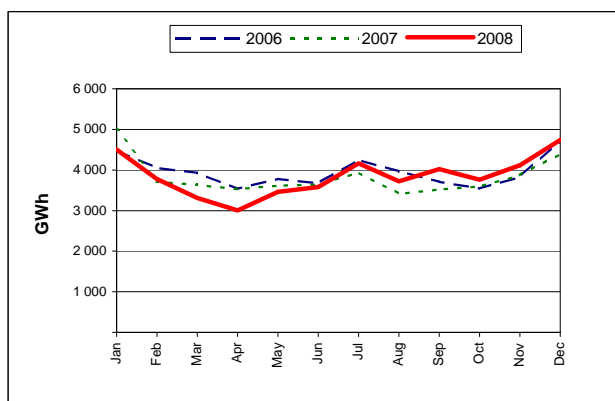
PORTUGAL

GWh

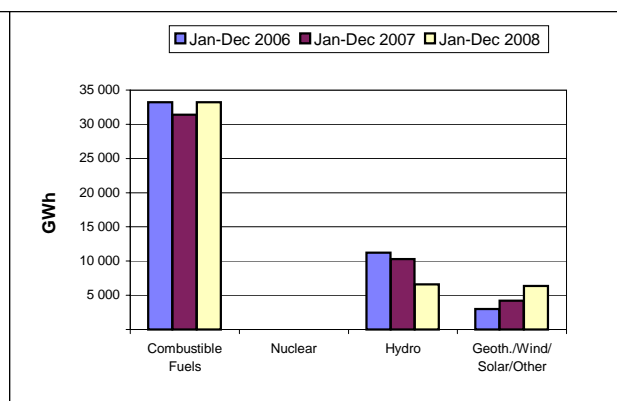
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	3 831	8.4%	2 955	2 737	3 142	33 206	5.8%	31 379
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	286	-36.0%	495	435	363	6 609	-35.9%	10 314
+ Geoth./Wind/Solar/Other	624	50.4%	573	590	607	6 342	50.4%	4 218
= Indigenous Production	4 741	7.8%	4 023	3 762	4 112	46 157	0.5%	45 911
+ Imports	834	-4.8%	758	834	834	10 296	6.8%	9 640
- Exports	64	-32.6%	118	64	64	1 024	-52.5%	2 154
= Electricity Supplied	5 511	6.4%	4 663	4 532	4 882	55 429	3.8%	53 397

- Electricity production was 4 741 GWh in December 2008.
 - This was higher by 344 GWh, or 7.8%, compared to December 2007.
 - This was an increase of 629 GWh, or 15.3%, compared to the previous month.
 - Combustible Fuels production showed the most significant percentage change compared to the previous month with an increase of 21.9%, or 689 GWh.
- Total production for the year-to-date was 46 157 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 246 GWh, or 0.5%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 50.4% higher.
 - Trade volume decreased by 474 GWh, or 4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.
- Includes the Açores and Madeira.
- Production data for November and December 2008 were estimated by the IEA Secretariat.

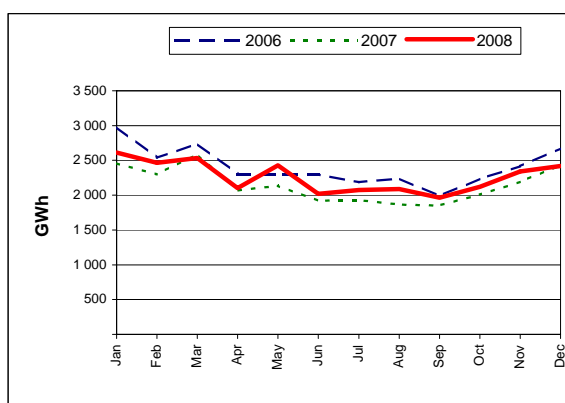
SLOVAK REPUBLIC

GWh

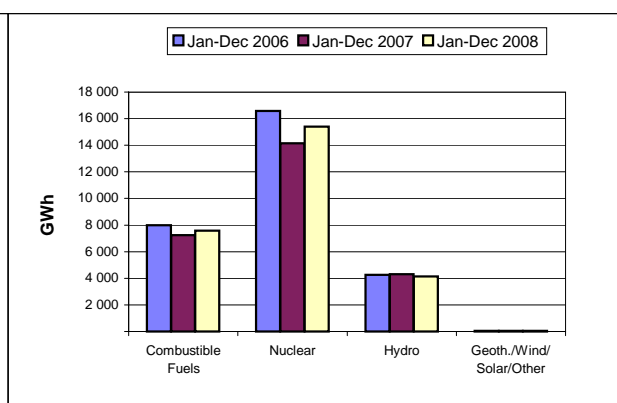
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	663	-1.3%	569	665	657	7 584	4.5%	7 254 e
+ Nuclear	1 425	6.1%	1 134	1 200	1 456	15 400	8.9%	14 138
+ Hydro	328	-20.4%	255	249	223	4 130	-4.4%	4 318
+ Geoth./Wind/Solar/Other	4	-33.3%	4	4	4	47	-21.7%	60 e
= Indigenous Production	2 420	-0.5%	1 962	2 118	2 340	27 161	5.4%	25 770 e
+ Imports	499	-53.2%	812	1 069	594	8 532	-33.0%	12 729
- Exports	594	-40.4%	645	876	653	8 889	-25.0%	11 853
= Electricity Supplied	2 325	-7.1%	2 129	2 311	2 281	26 804	0.6%	26 646 e

- Electricity production was 2 420 GWh in December 2008.
 - This was lower by 13 GWh, or 0.5%, compared to December 2007.
 - This was an increase of 80 GWh, or 3.4%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 47.1%, or 105 GWh.
- Total production for the year-to-date was 27 161 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 1 391 GWh, or 5.4%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 21.7% lower.
 - Trade volume decreased by 7 161 GWh, or 29.1%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

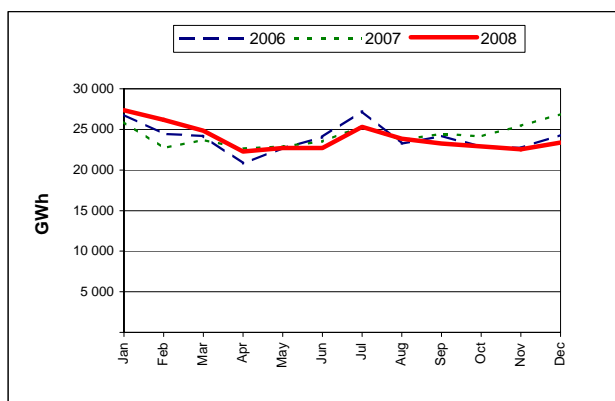
- Net production is estimated from monthly submission of gross production.
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.

SPAIN

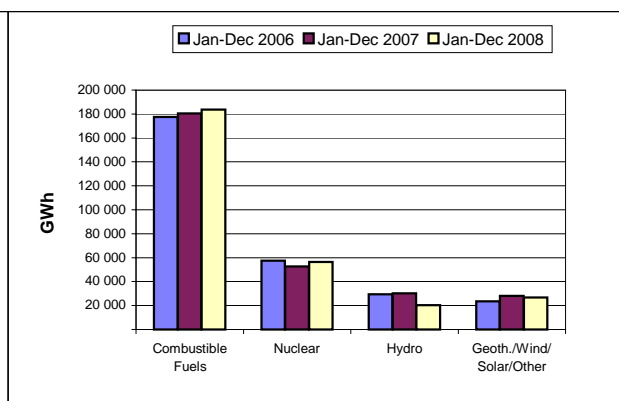
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	14 465	-17.7%	15 603	15 568	15 121	183 700	1.7%	180 591 e
+ Nuclear	4 947	-2.3%	4 484	4 302	4 042	56 427	7.3%	52 601
+ Hydro	1 790	-8.7%	945	839	1 180	20 399	-32.8%	30 347 e
+ Geoth./Wind/Solar/Other	2 194	-4.2%	2 215	2 208	2 201	26 841	-4.2%	28 014 e
= Indigenous Production	23 396	-13.0%	23 247	22 917	22 544	287 367	-1.4%	291 553 e
+ Imports	668	29.5%	409	279	580	5 655	-35.5%	8 774
- Exports	1 593	28.5%	1 337	1 371	1 521	16 613	14.4%	14 525
= Electricity Supplied	22 471	-14.1%	22 319	21 825	21 603	276 409	-3.3%	285 802 e

- Electricity production was 23 396 GWh in December 2008.
 - This was lower by 3 491 GWh, or 13%, compared to December 2007.
 - This was an increase of 852 GWh, or 3.8%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 51.7%, or 610 GWh.
- Total production for the year-to-date was 287 367 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 4 186 GWh, or 1.4%.
 - Hydro production showed the largest percentage change by fuel type, being 32.8% lower.
 - Trade volume decreased by 1 031 GWh, or 4.4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.
- Includes the Canary Islands.

SWEDEN

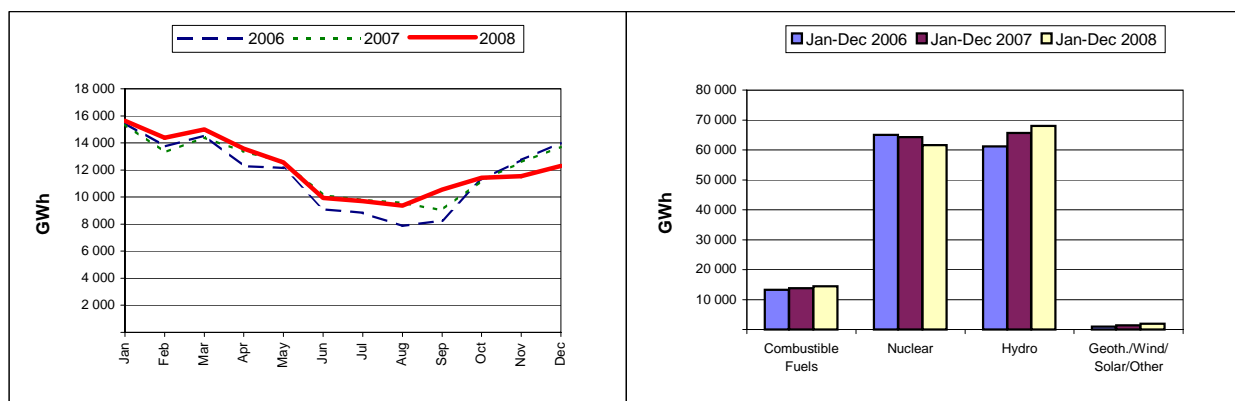
GWh

	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	1 655	7.1%	950	1 221	1 558	14 476	5.2%	13 763
+ Nuclear	4 225	-30.7%	5 002	4 733	4 095	61 558	-4.2%	64 279
+ Hydro	6 286	7.2%	4 469	5 216	5 663	67 992	3.6%	65 659
+ Geoth./Wind/Solar/Other	141	-30.9%	119	245	237	1 940	35.8%	1 429
= Indigenous Production	12 307	-10.2%	10 540	11 415	11 553	145 966	0.6%	145 130
+ Imports	1 961	64.2%	1 128	1 156	1 993	13 471	-18.9%	16 614
- Exports	311	-34.4%	930	598	422	15 006	1.8%	14 737
= Electricity Supplied	13 957	-3.3%	10 738	11 973	13 124	144 431	-1.8%	147 007

- Electricity production was 12 307 GWh in December 2008.
 - This was lower by 1 401 GWh, or 10.2%, compared to December 2007.
 - This was an increase of 754 GWh, or 6.5%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with a decrease of 40.5%, or 96 GWh.
- Total production for the year-to-date was 145 966 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 836 GWh, or 0.6%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 35.8% higher.
 - Trade volume decreased by 2 874 GWh, or 9.2%.

Electricity Production Compared to Previous Year

'Year to Date' Comparison of Production by Fuel Type



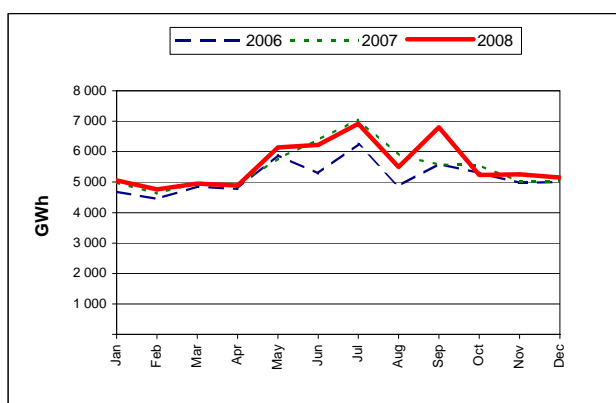
COUNTRY NOTES:

SWITZERLAND

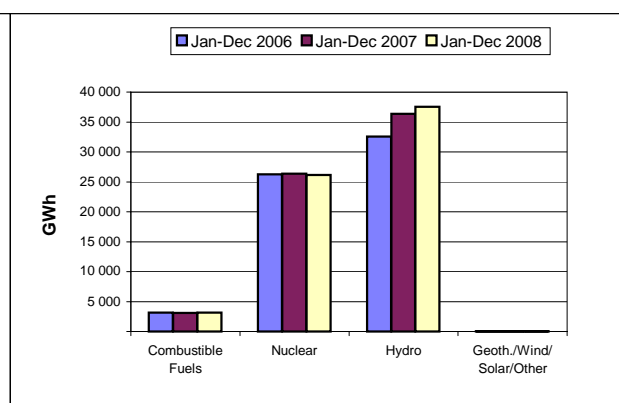
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	270	1.9%	257	265	259	3 150	2.2%	3 082
+ Nuclear	2 424	0.2%	2 256	2 392	2 338	26 132	-0.8%	26 344
+ Hydro	2 456	3.9%	4 288	2 574	2 660	37 560	3.3%	36 373
+ Geoth./Wind/Solar/Other	4	0.0%	4	4	4	48	0.0%	48
= Indigenous Production	5 154	2.1%	6 805	5 235	5 261	66 890	1.6%	65 847
+ Imports	2 985	-5.7%	2 814	3 184	2 985	35 600	2.2%	34 817
- Exports	2 709	9.4%	4 066	3 031	2 709	37 371	1.3%	36 879
= Electricity Supplied	5 430	-5.4%	5 553	5 388	5 537	65 119	2.1%	63 785

- Electricity production was 5 154 GWh in December 2008.
 - This was higher by 104 GWh, or 2.1%, compared to December 2007.
 - This was a decrease of 107 GWh, or 2%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with a decrease of 7.7%, or 204 GWh.
- Total production for the year-to-date was 66 890 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 1 043 GWh, or 1.6%.
 - Hydro production showed the largest percentage change by fuel type, being 3.3% higher.
 - Trade volume increased by 1 275 GWh, or 1.8%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

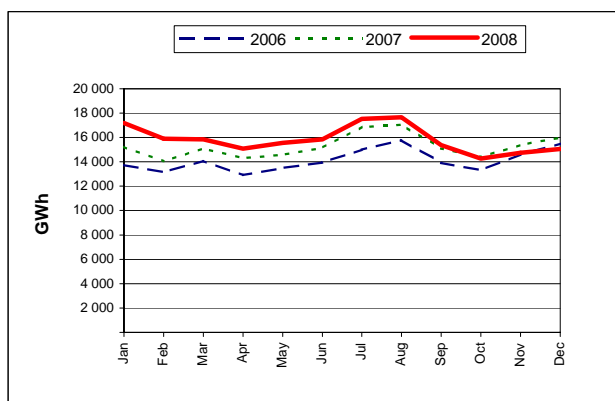
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.
- Does not include Liechtenstein.
- Trade data for December 2008 were estimated by the IEA Secretariat.

TURKEY

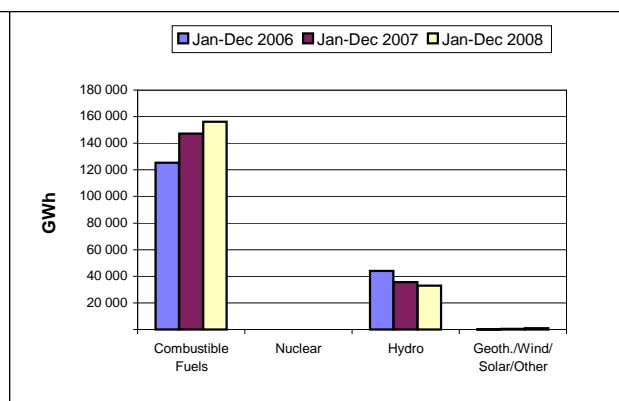
	GWh							
	Dec-08	Dec-07 % change	The last 3 months			Year-to-Date		Past Year 2007
			Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	
+ Combustible Fuels	13 028	-0.7%	13 335	12 705	12 778	156 125	6.0%	147 260
+ Nuclear	0	0.0%	0	0	0	0	0.0%	0
+ Hydro	1 926	-31.8%	1 957	1 447	1 869	33 084	-7.0%	35 586
+ Geoth./Wind/Solar/Other	110	93.0%	81	108	91	857	74.2%	492
= Indigenous Production	15 064	-5.8%	15 373	14 260	14 738	190 066	3.7%	183 338
+ Imports	59	-15.7%	67	67	66	792	-8.2%	863
- Exports	103	32.1%	92	122	96	1 063	-58.8%	2 577
= Electricity Supplied	15 020	-6.1%	15 348	14 205	14 708	189 795	4.5%	181 624

- Electricity production was 15 064 GWh in December 2008.
 - This was lower by 936 GWh, or 5.9%, compared to December 2007.
 - This was an increase of 326 GWh, or 2.2%, compared to the previous month.
 - Geoth./Wind/Solar/Other production showed the most significant percentage change compared to the previous month with an increase of 20.9%, or 19 GWh.
- Total production for the year-to-date was 190 066 GWh. Comparing this to the same period last year shows that:
 - Total production was higher by 6 728 GWh, or 3.7%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 74.2% higher.
 - Trade volume decreased by 1 585 GWh, or 46.1%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

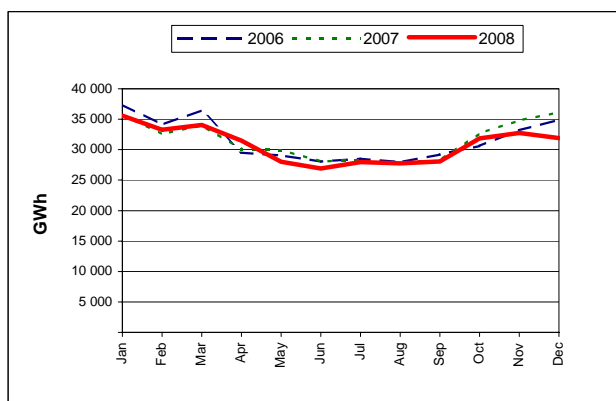
- Net production is estimated from monthly submission of gross production.

UNITED KINGDOM

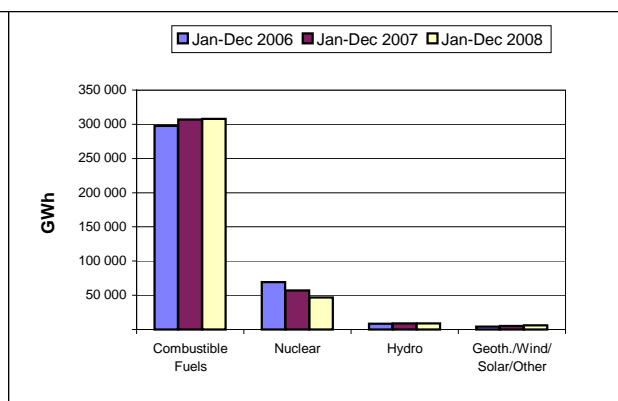
	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	26 679	-11.5%	23 402	26 679	27 503	307 913	0.3%	307 039
+ Nuclear	3 854	-16.8%	3 468	3 854	3 853	46 752	-18.3%	57 253
+ Hydro	820	-11.4%	670	820	851	8 940	0.6%	8 890
+ Geoth./Wind/Solar/Other	532	13.9%	515	520	526	6 018	13.8%	5 286
= Indigenous Production	31 885	-11.9%	28 055	31 873	32 733	369 623	-2.3%	378 468
+ Imports	762	108.8%	1 134	762	753	12 522	45.4%	8 612
- Exports	184	-63.9%	29	184	196	1 120	-67.0%	3 398
= Electricity Supplied	32 463	-9.9%	29 160	32 451	33 290	381 025	-0.7%	383 682

- Electricity production was 31 885 GWh in December 2008.
 - This was lower by 4 295 GWh, or 11.9%, compared to December 2007.
 - This was a decrease of 848 GWh, or 2.6%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with a decrease of 3.6%, or 31 GWh.
- Total production for the year-to-date was 369 623 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 8 845 GWh, or 2.3%.
 - Nuclear production showed the largest percentage change by fuel type, being 18.3% lower.
 - Trade volume increased by 1 632 GWh, or 13.6%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

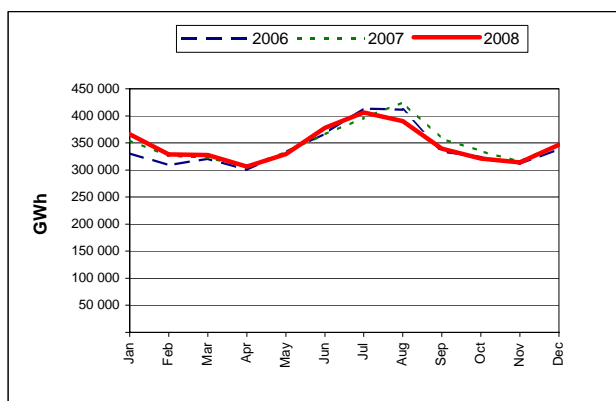
- Geoth./Wind/Solar/Other production is estimated by the IEA Secretariat.

UNITED STATES

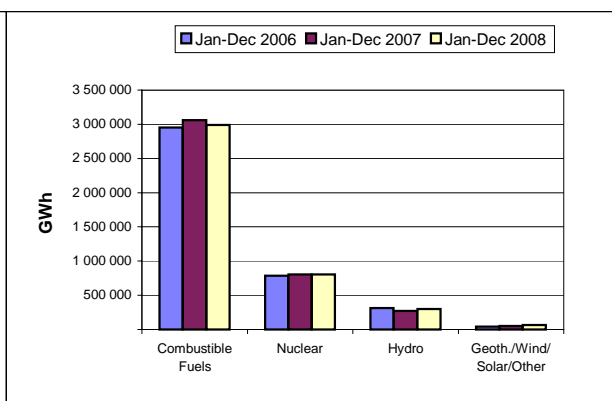
	GWh							
	Dec-08	Dec-07	The last 3 months			Year-to-Date		Past Year
		% change	Sep-08	Oct-08	Nov-08	Jan-Dec 2008	% change	2007
+ Combustible Fuels	247 773	-1.8%	249 435	234 017	225 124	2 989 316	-2.3%	3 058 881
+ Nuclear	70 248	-2.4%	66 998	62 788	63 403	802 880	-0.4%	806 425
+ Hydro	22 327	9.8%	19 240	18 651	19 208	297 477	8.8%	273 437
+ Geoth./Wind/Solar/Other	6 324	43.0%	3 955	5 834	6 023	65 509	28.9%	50 825
= Indigenous Production	346 672	-0.7%	339 628	321 290	313 758	4 155 182	-0.8%	4 189 568
+ Imports	3 482	-14.1%	4 856	3 644	3 282	57 022	10.9%	51 396
- Exports	1 439	-30.0%	1 788	2 028	2 050	24 083	19.6%	20 144
= Electricity Supplied	348 715	-0.7%	342 696	322 906	314 990	4 188 121	-0.8%	4 220 820

- Electricity production was 346 672 GWh in December 2008.
 - This was lower by 2 341 GWh, or 0.7%, compared to December 2007.
 - This was an increase of 32 914 GWh, or 10.5%, compared to the previous month.
 - Hydro production showed the most significant percentage change compared to the previous month with an increase of 16.2%, or 3 119 GWh.
- Total production for the year-to-date was 4 155 182 GWh. Comparing this to the same period last year shows that:
 - Total production was lower by 34 386 GWh, or 0.8%.
 - Geoth./Wind/Solar/Other production showed the largest percentage change by fuel type, being 28.9% higher.
 - Trade volume increased by 9 565 GWh, or 13.4%.

Electricity Production Compared to Previous Year



'Year to Date' Comparison of Production by Fuel Type



COUNTRY NOTES:

- Includes the 50 States and the District of Columbia.
- Monthly electricity production is estimated by the IEA Secretariat for December 2008.

PRINCIPLES AND DEFINITIONS

General notes

- The objective of the Monthly Electricity Statistics is to provide an early indication of supply side trends in the electricity sector. Therefore, to allow timely publication, the IEA may supplement national statistics with data from other sources.
- Where adequate information is not available from external sources estimates have been made by the IEA. Methodological notes are provided on individual country pages.
- Definitions are consistent with the IEA's "Electricity and Heat" annual questionnaire. Statistics are subject to revision upon official receipt of the annual questionnaire from National Administrations or improved data becoming available.
- Monthly statistics are consistent with those provided in the Quarterly Statistics published by the IEA.
- Electricity production is reported in TWh for the regional aggregates and in GWh for the individual countries. The grouping of electricity generation by source reflects available monthly data and/or small individual quantities.
- Note that historic data is often recalculated. Therefore, the latest publication should be considered most accurate. Regional and organisational summaries may also change based on country recalculations.

Basic definitions

- 'Production' = Net generation excludes power station own use.
- 'Combustible Fuels' = Production from combustible fuels, including combustible renewables and wastes.
- 'Nuclear' = Energy released by nuclear fission or nuclear fusion.
- 'Hydro' = Net generation from hydro facilities including pumped storage production.
- 'Geoth./Wind/Solar/Other' = Generation from geothermal, wind, solar and other renewables not included in combustible fuels.
- 'Indigenous Production' = The sum of electricity production by fuel type.
- 'Imports/ Exports' = Amounts of electricity that have crossed political boundaries of the country, whether customs clearance has taken place or not.
- 'Electricity supplied' = Indigenous production + Imports - Exports.
- 'Year' = Calendar year (January to December) unless otherwise stated.
- 'Year-to-date' = The sum of all months from the start of the calendar year to the latest month.

Publication details and further information

- This publication is released in the middle of each month onto the IEA's Website.
(<http://www.iea.org/Textbase/publications/index.asp>).
- Data should not be reproduced for publication without permission of Energy Statistics Division, IEA.

Comments and queries on the data or on the presentation should be addressed to:
Email: CES@iea.org

For other information please contact the Energy Statistics Division of the IEA by:

Email: stats@iea.org
 Fax: +33 (0)1 40 57 66 49 or
 Phone: +33 (0)1 40 57 66 25
 International Energy Agency
 9, rue de la Fédération, 75739 Paris Cedex 15 - France