



STATISTISCHES TELEGRAMM

STATISTICAL TELEGRAM

TELEGRAMME STATISTIQUE

## STATISTICAL ASPECTS OF ELECTRICITY SUPPLY AND DEMAND IN 1982

In the Community as a whole, the tendency for the growth in net consumption (inclusive of losses) to slow down, already noted in recent years, was transformed into a decrease in 1982. For the first time since 1975, the rate of variation in relation to the previous year was negative:  $-0.5\%$ . Overall consumption (1 211 thousand million kWh) was lower than in 1980 (1 214 thousand million kWh). This fall applies to all Member States except France.

The drop in consumption of 6 thousand million kWh in comparison with 1981 affected the import balance more than production (falls of 4 thousand million and 2 thousand million kWh respectively).

With regard to the different sources of electrical energy, note should be made of the reduction in the use of conventional thermal methods, which are increasingly being replaced by nuclear power stations. These trends were shown by the following figures:

- fall of 23.4 thousand million kWh for conventional thermal power stations ( $-2.7\%$ )
- fall of 3.5 thousand million kWh for hydro-electric power stations ( $-2.3\%$ )
- rise of 24.7 thousand million kWh for nuclear power stations ( $+12.2\%$ ).

The proportion of total production accounted for by nuclear power stations thus rose from 16.7% to 18.8%. This increase was due to two new power stations coming on stream (in France and Belgium) and, in general, to the improved performance of nuclear power stations.

## ELEKTRIZITÄT

Vorläufige Angaben 1982  
in Milliarden kWh

## ELECTRICAL ENERGY

Provisional data 1982  
thousand millions of kWh

## ENERGIE ELECTRIQUE

Données provisoires 1982  
en milliards de kWh

	EUR 10	BR DEUTSCHLAND	FRANCE	ITALIA	NEDERLAND	BELGIQUE BELGIË	LUXEMBOURG	UNITED KINGDOM	IRELAND	DANMARK	ELLAS			
<b>NETTOVERBRAUCH</b> (einschl. Verluste)	<b>NET CONSUMPTION</b> (including losses)											<b>CONSOMMATION NETTE</b> (pertes comprises)		
1980	1 214,2	351,4	248,7	180,3	61,7	47,6	3,6	264,9	9,8	24,3	21,9			
1981	1 217,2	352,7	258,3	179,2	61,1	47,7	3,4	258,7	9,7	24,0	22,2			
1982	1 211,4	350,3	261,3	179,6	58,9	47,4	3,5	253,6	9,8	24,5	22,5			
1981/80	+ 0,2%	+ 0,4%	+ 3,8%	- 0,6%	- 0,1%	+ 0,1%	- 4,4%	- 2,3%	- 0,5%	- 1,1%	+ 1,3%			
1982/81	- 0,5%	- 0,7%	+ 1,2%	+ 0,2%	- 1,0%	- 0,6%	+ 1,0%	- 2,0%	+ 1,1%	+ 2,0%	+ 1,4%			
<b>NETTOEINFUHREN</b> (+ Einführen - Ausführen)	<b>NET IMPORTS</b> (+ Imports - Exports)											<b>IMPORTATIONS NETTES</b> (+ Importations - Exportations)		
1980	+ 14,2	+ 5,7	+ 3,1	+ 6,1	- 0,3	- 2,6	+ 2,8	0	-	- 1,2	+ 0,6			
1981	+ 21,8	+ 7,9	- 4,8	+ 9,6	- 0,1	+ 0,4	+ 2,9	-	-	+ 5,3	+ 0,3			
1982	+ 17,8	+ 6,7	- 3,8	+ 7,1	+ 1,3	+ 0,4	+ 3,2	-	-	+ 2,0	+ 0,9			
<b>GESAMT-NETTOERZEUGUNG</b>	<b>TOTAL NET PRODUCTION</b>											<b>PRODUCTION TOTALE NETTE</b>		
1980	1 209,0	347,4	246,6	177,4	62,0	51,0	1,1	266,3	10,3	25,5	21,3			
1981	1 206,3	347,3	264,3	173,5	61,3	48,2	1,2	259,9	10,3	18,5	21,9			
1982	1 204,1	346,0	266,2	176,1	57,6	48,0	0,9	254,8	10,5	22,4	21,6			
1981/80	- 0,2%	- 0,1%	+ 7,2%	- 2,2%	- 1,3%	- 5,6%	+ 9,9%	- 2,4%	+ 0,4%	- 17,6%	+ 2,8%			
1982/81	- 0,2%	- 0,4%	+ 0,7%	+ 1,5%	- 6,0%	- 0,4%	- 11,6%	- 2,0%	+ 1,1%	+ 21,4%	- 1,3%			
<b>DAVON: HERKÖMLICHE WÄRMEKRAFTWERKE</b>	<b>OF WHICH: CONVENTIONAL THERMAL</b>											<b>SOIT: THERMIQUE CLASSIQUE</b>		
1981	852,5	276,8	92,0	122,9	57,8	34,9	0,6	221,4	9,1	18,5	18,5			
1982	829,1	266,6	92,0	123,3	53,9	32,4	0,4	210,4	9,3	22,4	18,3			
1982/81	- 2,7%	- 3,7%	+ 0,1%	+ 0,2%	- 6,8%	- 7,0%	- 29,2%	- 4,9%	+ 1,7%	+ 21,5%	- 1,0%			
<b>WASSERKRAFT + ERDWÄRME</b>	<b>HYDROELECTRICAL + GEOTHERMAL</b>											<b>HYDRAULIQUE + GEOTHERMIQUE</b>		
1981	152,0	19,7	72,7	48,0	-	1,1	0,6	5,4	1,2	0	3,4			
1982	148,5	19,3	71,1	46,4	-	1,0	0,5	5,6	1,2	0	3,3			
1982/81	- 2,3%	- 1,6%	- 2,2%	- 3,4%	-	- 3,0%	- 13,4%	+ 5,3%	- 3,7%	-	- 2,9%			
<b>KERNENERGIE</b>	<b>NUCLEAR</b>											<b>NUCLEAIRE</b>		
1981	201,8	50,8	99,6	2,5	3,4	12,2	-	33,2	-	-	-			
1982	226,5	60,1	103,1	6,4	3,7	14,5	-	38,7	-	-	-			
1982/81	+ 12,2%	+ 18,3%	+ 3,5%	..	+ 7,7%	+ 18,8%	-	+ 16,7%	-	-	-			
<b>ANTEIL DER KERNENERGIE AN DER GESAMTEN ERZEUGUNG</b>	<b>SHARE OF NUCLEAR PRODUCTION IN TOTAL PRODUCTION</b>											<b>PART DU NUCLEAIRE DANS LA PRODUCTION TOTALE</b>		
1981	16,7%	14,6%	37,7%	1,5%	5,6%	25,4%	-	12,8%	-	-	-			
1982	18,8%	17,4%	38,7%	3,6%	6,4%	30,2%	-	15,2%	-	-	-			
<b>ANTEIL DER HERKÖMLICHEN WÄRMEKRAFTWERKE DER GESAMTEN ERZEUGUNG</b>	<b>SHARE OF CONVENTIONAL THERMAL PRODUCTION IN TOTAL PRODUCTION</b>											<b>PART DU THERMIQUE CLASSIQUE DANS LA PRODUCTION TOTALE</b>		
1981	70,7%	79,7%	34,8%	70,8%	94,4%	72,4%	52,3%	85,1%	88,1%	99,8%	85,5%			
1982	68,9%	77,0%	34,6%	70,0%	93,6%	67,6%	52,7%	82,6%	88,7%	99,9%	84,7%			