

## Generation and consumption of electricity P4141

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## CONSUMPTION OF ELECTRICITY DECREASES

The consumption of electricity in South Africa reflected a decrease of 0,6% after seasonal adjustment between December 1998 and January 1999. Furthermore, consumption of electricity for the three months up to January 1999 after seasonal adjustment decreased by 0,6% (-300 Gigawatt-hours) compared with the preceding three months.

The production of electricity for the three months up to January 1999 after seasonal adjustment (50 760 Gigawatt-hours) was nearly on the same level as the production of electricity for the previous three months (50 690 Gigawatt-hours). However, electricity imported from neighbouring countries for the three months up to January 1999 after seasonal adjustment decreased by 29,8% (-305 Gigawatt-hours) compared with the previous three months. Slightly more electricity (182 Gigawatt-hours) was sold to countries outside the borders of South Africa during this period.

## SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Nov. 1998	- Jan. 1999	44 808	-1,6

Nov. 1997	-	Jan. 1998	45 516	
Seasonally adjusted				
Nov. 1998	-	Jan. 1999	46 531	-0,6
Aug. 1998	-	Oct. 1998	46 831	

## NOTES

This statistical release contains estimates of the total number of units of electricity consumed (as indicated by electricity available for distribution) in the Republic of South Africa (including the former TBVC states). Electricity available for distribution is measured before allowing for transmission losses.

Information regarding the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also published in this statistical release.

According to international practice, production indices are arithmetically converted to base 1995=100.

In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised as soon as new information becomes available

Stats SA has adopted the confidential pre-release policy in respect of selected economic indicators and specific government departments. The policy accords with practice among leading statistical agencies. The statistical integrity of the indices and strict observance of the release time has been assured by the following procedure:

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**TABLE 1.1 - ELECTRICITY CONSUMED IN SOUTH AFRICA 1/  
HISTORICAL TABLE**

Gigawatt-hours

Month	1994	1995	1996	1997	1998	1999
ACTUAL FIGURES						
J	13 176	13 782	14 155	15 009	15 403	15 111
F	12 294	12 858	13 710	14 088	14 459	
M	13 593	14 145	14 361	15 155	15 714	
A	12 723	13 350	14 006	15 247	14 923	
M	13 892	14 687	15 315	16 423	16 261	
J	14 629	14 998	15 325	16 474	16 280	
J	15 255	15 440	16 862	17 187	16 867	
A	14 893	14 994	16 151	16 303	16 417	
S	13 719	13 939	14 698	15 503	15 536	
O	14 018	14 306	15 356	16 005	15 957	
N	13 752	14 070	14 792	15 235	15 135	
D	13 366	13 534	14 207	14 878	14 562	
YEAR	165 310	170 103	178 938	187 507	187 514	
SEASONALLY ADJUSTED FIGURES						
J	13 497	14 108	14 486	15 318	15 749	15 453
F	13 568	14 153	15 065	15 468	15 857	
M	13 634	14 220	14 446	15 272	15 882	
A	13 456	14 116	14 775	16 072	15 713	
M	13 545	14 269	14 771	15 792	15 623	
J	13 780	14 144	14 479	15 612	15 442	
J	13 897	14 076	15 397	15 719	15 439	
A	13 933	14 061	15 175	15 329	15 486	
S	13 891	14 113	14 868	15 657	15 659	
O	13 864	14 152	15 174	15 776	15 686	
N	14 073	14 404	15 163	15 631	15 527	
D	14 166	14 380	15 112	15 874	15 551	

**TABLE 1.2 - INDICES OF ELECTRICITY PRODUCTION  
HISTORICAL TABLE**

Base : 1995=100

Month	1994	1995	1996	1997	1998	1999
ACTUAL INDICES						
J	92,7	97,5	100,6	108,3	109,6	106,9

F	86,7	90,7	98,5	101,5	102,8	
M	96,1	99,8	103,6	109,5	110,6	
A	90,1	93,9	100,5	109,6	105,5	
M	98,5	102,6	109,9	117,8	115,4	
J	103,2	105,2	110,1	118,3	115,4	
J	107,5	108,7	121,1	124,1	119,9	
A	105,2	105,6	115,8	118,0	111,9	
S	97,2	98,5	105,7	112,9	109,1	
O	99,4	101,4	110,7	115,8	112,6	
N	97,2	99,9	107,3	110,0	106,2	
D	94,5	96,2	102,7	106,7	101,3	
YEAR	97,4	100,0	107,2	112,7	110,0	
SEASONALLY ADJUSTED INDICES						
J	95,0	99,8	102,9	110,7	112,0	109,2
F	95,5	99,6	107,9	111,1	112,5	
M	96,4	100,2	104,3	110,5	111,8	
A	95,2	99,2	106,1	115,7	111,2	
M	96,0	99,6	106,2	113,5	111,0	
J	97,4	99,4	104,3	112,4	109,7	
J	98,1	99,2	110,5	113,3	109,5	
A	98,5	99,1	109,0	111,2	105,6	
S	98,1	99,4	106,6	113,7	109,8	
O	98,2	100,1	109,0	113,7	110,4	
N	99,3	102,1	109,7	112,5	108,8	
D	100,1	102,1	109,2	113,7	108,1	

1/ As indicated by electricity available for distribution

\* Revised

**TABLE 2**  
**ELECTRICITY - PRODUCED, CONSUMED IN POWER STATIONS, PURCHASED AND SOLD OUTSIDE SOUTH AFRICA**  
**AND CONSUMED IN SOUTH AFRICA**

Gigawatt-hours				
DESCRIPTION	Year	January	December	January
	1998	1999	1998	
TOTAL - ALL PRODUCERS				
ELECTRICITY PRODUCED				
Actual figures	205 374	16 629	15 763	17 051
Seasonally adjusted figures		17 003	16 826	17 428

PURCHASED OUTSIDE SOUTH AFRICA	2 375	185	212	11
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 705	1 316	1 110	1 329
SOLD OUTSIDE SOUTH AFRICA	4 532	386	303	330
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	187 514	15 111	14 562	15 403
Seasonally adjusted figures		15 453	15 551	15 749
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ELECTRICITY PRODUCED				
Actual figures	193 662	15 662	14 898	16 070
Seasonally adjusted figures		15 991	15 877	16 397
PURCHASED OUTSIDE SOUTH AFRICA	2 375	185	212	11
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 394	1 222	1 020	1 230
SOLD OUTSIDE SOUTH AFRICA	4 532	386	303	330
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 111	14 240	13 787	14 521
Seasonally adjusted figures		14 553	14 709	14 835

1/ As indicated by electricity available for distribution

\* Revised