

## Generation and consumption of electricity P4141

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### ELECTRICITY CONSUMPTION IS LEVELLING OFF

*The consumption of electricity has been levelling off since October 1997. During January 1998, 15 393 Gigawatt-hours of electricity were consumed. This reflects a decrease of 0,5% after seasonal adjustment between December 1997 and January 1998.*

The seasonally adjusted production of electricity decreased by 1,0% between December 1997 and January 1998. Sales of electricity to countries outside the borders of South Africa decreased from 634 Gigawatt-hours (3,5% of the total electricity produced) in October 1997 to 330 Gigawatt-hours (1,9% of the total electricity produced) in January 1998, the lowest level since January 1996.

#### SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Nov. 1997 - Jan. 1998	45 506	+3,4
Nov. 1996 - Jan. 1997	44 005	
Seasonally adjusted		
Nov. 1997 - Jan. 1998	47 187	+0,6

**NOTE**

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 on the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also shown.

According to international practice, production indices were 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 better information is available.

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

Gigawatt-hours

Month	1993	1994	1995	1996	1997	1998
ACTUAL FIGURES						
J	12 762	13 176	13 782	14 155	15 007	15 393
F	11 802	12 294	12 858	13 711	14 088	
M	13 232	13 593	14 145	14 361	15 155	
A	12 578	12 723	13 350	14 006	15 247	
M	13 430	13 892	14 687	15 315	16 423	

J	14 084	14 629	14 998	15 325	16 472	
J	14 519	15 255	15 440	16 862	17 185	
A	14 194	14 893	14 994	16 151	16 303 *	
S	13 374	13 719	13 939	14 698	15 503	
O	13 480	14 018	14 306	15 356	16 005	
N	13 091	13 752	14 070	14 791	15 235	
D	12 813	13 366	13 534	14 207	14 878	
YEAR	159 359	165 310	170 103	178 938	187 501	
SEASONALLY ADJUSTED FIGURES						
J	13 073	13 501	14 121	14 482	15 346	15 741
F	13 067	13 576	14 156	15 079	15 475	
M	13 275	13 628	14 188	14 429	15 241	
A	13 231	13 392	14 060	14 766	16 078	
M	13 135	13 534	14 247	14 799	15 829	
J	13 307	13 801	14 145	14 469	15 561	
J	13 229	13 900	14 070	15 373	15 671	
A	13 243	13 925	14 030	15 121	15 267	
S	13 535	13 916	14 172	14 966	15 802	
O	13 290	13 873	14 169	15 208	15 845	
N	13 417	14 096	14 415	15 160	15 622	
D	13 606	14 186	14 361	15 089	15 824	

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

Base : 1995=100

Month	1993	1994	1995	1996	1997	1998
ACTUAL INDICES						
J	90,2	92,7	97,5	100,6	108,3	109,6
F	83,0	86,7	90,7	98,5	101,5	
M	92,9	96,1	99,8	103,6	109,5	
A	88,4	90,1	93,9	100,5	109,6	
M	94,7	98,5	102,6	109,9	117,8	
J	99,7	103,2	105,2	110,1	118,3	
J	102,3	107,5	108,7	121,1	124,1	
A	100,2	105,2	105,6	115,8	118,0	
S	94,6	97,2	98,5	105,7	112,9	
O	95,1	99,4	101,4	110,7	115,8	
N	92,2	97,2	99,9	107,3	110,0	
D	89,9	94,5	96,2	102,7	106,7	
YEAR	93,6	97,4	100,0	107,2	112,7	
SEASONALLY ADJUSTED INDICES						

J	92,5	95,0	99,9	102,9	110,8	112,1
F	91,7	95,5	99,7	108,1	111,3	
M	93,1	96,3	100,0	104,0	110,0	
A	93,5	95,2	99,2	106,2	115,8	
M	92,5	96,0	99,6	106,4	113,8	
J	94,1	97,3	99,3	104,2	112,1	
J	93,4	98,1	99,2	110,5	113,2	
A	93,5	98,4	98,9	108,6	110,7	
S	95,6	98,3	99,7	107,1	114,4	
O	93,7	98,2	100,2	109,4	114,4	
N	94,2	99,3	102,0	109,6	112,4	
D	95,2	100,1	101,9	108,9	113,3	

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 1997	January	December	January
		1998	1997	1997
TOTAL - ALL PRODUCERS				
ELECTRICITY PRODUCED				
Actual figures	210 362	17 051	16 600	16 838
Seasonally adjusted figures		17 458	17 635	17 233
PURCHASED OUTSIDE SOUTH AFRICA	5	2	-	-
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 329	1 243	1 324
SOLD OUTSIDE SOUTH AFRICA	6 617	330	479	508
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/				
Actual figures	187 501	15 393	14 878	15 007
Seasonally adjusted figures		15 741	15 824	15 346
ESKOM				
ELECTRICITY PRODUCED				
Actual figures	198 708	16 070	15 681	15 889
Seasonally adjusted figures		16 390	16 632	16 209
PURCHASED OUTSIDE SOUTH AFRICA	5	2	-	-

CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 230	1 153	1 243
SOLD OUTSIDE SOUTH AFRICA	6 617	330	479	508
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/				
Actual figures	177 025	14 512	14 048	14 138
Seasonally adjusted figures		14 799	14 931	14 423

1/ As indicated by electricity available for distribution  
\* Revised

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