

# Generation and consumption of electricity P4141

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## CONTENTS

## Key findings

## Notes

## Tables

1.1 Electricity consumed in South Africa

1.2 Indices of electricity production

2. Electricity - produced, consumed in power stations, purchased and sold outside South Africa and consumed in South Africa

## CONSUMPTION OF ELECTRICITY IS STILL LEVELLING OFF

*The consumption of electricity is levelling off since October 1997. The seasonally adjusted consumption of electricity during the first quarter of 1998 was 47 271 gigawatt hours. This is approximately equal to the 47 249 gigawatt hours reported for the fourth quarter of 1997. Exports of electricity to neighbouring countries is still decreasing. Electricity sold outside South Africa during the first quarter of 1998 decreased by 31,0% compared with the first quarter of 1997.*

### SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Jan. 1998 - Mar. 1998	45 357	+2,5
Jan. 1997 - Mar. 1997	44 250	
Seasonally adjusted		
Jan. 1998 - Mar. 1998	47 271	-0,0
Oct. 1997 - Dec. 1997	47 249	

## 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 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.

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	14 409
M	13 232	13 593	14 145	14 361	15 155	15 555
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	13 074	13 500	14 116	14 478	15 338	15 730
F	13 067	13 573	14 156	15 045	15 427	15 772
M	13 281	13 650	14 246	14 490	15 332	15 769
A	13 229	13 389	14 053	14 762	16 072	
M	13 130	13 535	14 251	14 817	15 853	
J	13 310	13 802	14 142	14 466	15 555	
J	13 231	13 900	14 065	15 369	15 665	
A	13 244	13 924	14 026	15 117	15 260	
S	13 533	13 910	14 166	14 960	15 791	
O	13 284	13 862	14 160	15 197	15 831	
N	13 415	14 089	14 410	15 152	15 610	
D	13 602	14 177	14 352	15 077	15 808	

**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	102,8
M	92,9	96,1	99,8	103,6	109,5	110,6
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	107,9	111,0	112,4
M	93,2	96,4	100,3	104,3	110,5	111,9
A	93,5	95,2	99,2	106,3	115,8	
M	92,5	96,0	99,7	106,5	113,9	
J	94,1	97,3	99,3	104,2	112,1	
J	93,4	98,1	99,1	110,5	113,2	
A	93,5	98,4	98,9	108,6	110,7	

S	95,5	98,2	99,6	106,8	114,1
O	93,7	98,2	100,2	109,4	114,3
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	March	February	March	January -	March
		1998		1997	1998	1997
<b>TOTAL - ALL PRODUCERS</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	210 362	17 208	15 994	17 026	50 253	49 655
Seasonally adjusted figures		17 412	17 496	17 190	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	-	3	-	5	-
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 328	1 227	1 366	3 884	3 936
SOLD OUTSIDE SOUTH AFRICA	6 617	325	360	505	1 015	1 470
<b>ELECTRICITY CONSUMED IN SOUTH AFRICA 1/</b>						
Actual figures	187 501	15 555	14 409	15 155	45 357	44 250
Seasonally adjusted figures		15 769	15 772	15 332	-	-
<b>ESKOM</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	198 708	16 300	14 981	16 165	47 351	46 992
Seasonally adjusted figures		16 358	16 354	16 185	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	-	3	-	5	-
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 220	1 119	1 289	3 569	3 706
SOLD OUTSIDE SOUTH AFRICA	6 617	325	360	505	1 015	1 470

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 025	14 756	13 504	14 371	42 772	41 816
Seasonally adjusted figures		14 770	14 766	14 358	-	-

1/ As indicated by electricity available for distribution

\* Revised

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