

## Generation and consumption of electricity P4141

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### **ELECTRICITY CONSUMPTION SET TO GROW IN 1997**

The renewed upward trend in the consumption of electricity as from October 1996 is still continuing. The seasonally adjusted consumption reached a high of 16 108 gigawatt-hours in April 1997. According to Eskom, the intensified electrification program is resulting in an increasing proportionate consumption by households.

Electricity consumed in South Africa during the three months ended April 1997, increased by 2,6% after seasonal adjustment compared with the previous three months, whereas the quantity sold outside the borders of the RSA remained unchanged during this period.

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Head: Central Statistical Service

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**SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA**

Period		Gigawatt-hours	Percentage change
Actual			
Feb. 1997	- Apr. 1997	44 458	+5,7
Feb. 1996	- Apr. 1996	42 078	
Seasonally adjusted			
Feb. 1997	- Apr. 1997	46 676	+2,6
Nov. 1996	- Jan. 1997	45 515	

**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.

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	1992	1993	1994	1995	1996	1997
<b>ACTUAL FIGURES</b>						
J	12 354	12 762	13 176	13 782	14 155	15 007
F	11 881	11 802	12 294	12 858	13 711	14 088*
M	12 605	13 232	13 593	14 145	14 361	15 132*
A	12 085	12 578	12 723	13 350	14 006	15 238
M	12 985	13 430	13 892	14 687	15 315	
J	13 451	14 084	14 629	14 998	15 325	
J	14 029	14 519	15 255	15 440	16 862	
A	13 748	14 194	14 893	14 994	16 151	
S	12 806	13 374	13 719	13 939	14 698	
O	13 245	13 480	14 018	14 306	15 356	
N	12 615	13 091	13 752	14 070	14 791	
D	12 279	12 813	13 366	13 534	14 207	
YEAR	154 083	159 359	165 310	170 103	178 938	
<b>SEASONALLY ADJUSTED FIGURES</b>						
J	12 647	13 069	13 498	14 104	14 475	15 343
F	13 176	13 060	13 570	14 145	15 052	15 452
M	12 665	13 256	13 594	14 123	14 336	15 116
A	12 711	13 253	13 424	14 093	14 794	16 108
M	12 742	13 165	13 603	14 381	14 992	
J	12 746	13 303	13 780	14 122	14 425	
J	12 786	13 229	13 895	14 074	15 369	
A	12 815	13 244	13 923	14 035	15 122	
S	12 913	13 530	13 906	14 167	14 958	
O	12 999	13 287	13 872	14 183	15 239	
N	12 937	13 411	14 070	14 380	15 105	
D	13 032	13 598	14 167	14 347	15 067	

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

Base : 1990=100

Month	1992	1993	1994	1995	1996	1997
<b>ACTUAL INDICES</b>						
J	97,2	101,8	104,6	110,0	113,5	122,2
F	93,9	93,6	97,8	102,4	111,1	114,6
M	99,8	104,9	108,4	112,7	116,9	123,4
A	95,3	99,8	101,7	105,9	113,5	123,7

M	103,1	106,9	111,2	115,8	124,1	
J	106,8	112,5	116,4	118,7	124,3	
J	110,5	115,4	121,3	122,7	136,7	
A	108,8	113,1	118,7	119,2	130,7	
S	101,2	106,8	109,7	111,1	119,2	
O	104,6	107,4	112,2	114,4	124,9	
N	100,4	104,0	109,7	112,7	121,1	
D	97,8	101,4	106,6	108,6	115,9	
YEAR	101,6	105,6	109,9	112,9	121,0	
SEASONALLY ADJUSTED INDICES						
J	99,8	104,4	107,2	112,6	116,0	124,9
F	103,8	103,3	107,7	112,4	121,8	125,6
M	100,4	105,1	108,5	112,6	116,8	123,3
A	100,7	105,5	107,6	111,9	120,0	130,8
M	100,9	104,5	108,5	113,0	121,0	
J	101,1	106,2	109,6	111,9	117,2	
J	100,9	105,4	110,7	112,0	124,8	
A	101,3	105,5	111,1	111,7	122,6	
S	102,0	107,9	111,0	112,6	120,9	
O	102,7	105,8	110,9	113,3	123,8	
N	102,7	106,3	112,0	115,0	123,5	
D	103,5	107,4	112,9	115,1	122,9	

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 1996	April	March*	April	January -	April
		1997		1996	1997	1996
<b>TOTAL - ALL PRODUCERS</b>						
ELECTRICITY PRODUCED						
Actual figures	200 092	17 044	17 001	15 637	66 674	62 706
Seasonally adjusted figures		18 027	17 037	16 532	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	3	-	26	3	27
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 311	1 364	1 269	5 245	5 038
SOLD OUTSIDE SOUTH AFRICA	5 579	498	505	388	1 968	1 462

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	178 938	15 238	15 132	14 006	59 465	56 233
Seasonally adjusted figures		16 108	15 116	14 794	-	-
<b>ESKOM</b>						
ELECTRICITY PRODUCED Actual figures	189 187	16 078	16 165	14 752	63 070	59 616
Seasonally adjusted figures		17 060	15 998	15 632	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	3	-	26	3	27
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 200	1 289	1 166	4 906	4 652
SOLD OUTSIDE SOUTH AFRICA	5 579	498	505	388	1 968	1 462
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	169 326	14 383	14 371	13 224	56 199	53 528
Seasonally adjusted figures		15 260	14 309	14 011	-	-

1/ As indicated by electricity available for distribution

\* Revised

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