

Generation and consumption of electricity P4141

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CONSUMPTION OF ELECTRICITY STILL HIGH

Despite monthly fluctuations, the strong upward trend in the consumption of electricity continues. After two consecutive months of decreases, the seasonally adjusted consumption for July 1997 increased by 0,9% compared with June 1997.

Electricity consumed during the three months up to July 1997 was 0,8% higher than for the previous three months after seasonal adjustment. Electricity sold outside the borders of South Africa during July 1997 (642 gigawatt hours) represented 3,3% of the total electricity produced. This was the highest percentage for any month reported thus far. The corresponding figures for July 1996 and July 1990 were 3,0% and 0,8% respectively.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period				Gigawatt-hours	Percentage change
Actual					
May	1997	-	Jul. 1997	50 059	+5,4
May	1996	-	Jul. 1996	47 502	
Seasonally adjusted					
May	1997	-	Jul. 1997	47 095	+0,8
Feb.	1997	-	Apr. 1997	46 716	

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
ACTUAL FIGURES						
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	15 235 *
M	12 985	13 430	13 892	14 687	15 315	16 434
J	13 451	14 084	14 629	14 998	15 325	16 443 *
J	14 029	14 519	15 255	15 440	16 862	17 182
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	
SEASONALLY ADJUSTED FIGURES						
J	12 650	13 074	13 503	14 118	14 494	15 361
F	13 180	13 066	13 577	14 163	15 076	15 476
M	12 668	13 264	13 607	14 153	14 375	15 158
A	12 696	13 230	13 397	14 069	14 772	16 082
M	12 728	13 135	13 545	14 262	14 817	15 872
J	12 747	13 308	13 808	14 145	14 466	15 539
J	12 787	13 231	13 911	14 072	15 377	15 684
A	12 816	13 244	13 917	14 035	15 122	
S	12 920	13 539	13 914	14 183	14 975	
O	13 000	13 290	13 874	14 194	15 253	
N	12 941	13 418	14 078	14 398	15 125	
D	13 039	13 606	14 179	14 364	15 082	

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

Base : 1990=100

Month	1992	1993	1994	1995	1996	1997
ACTUAL INDICES						
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	133,0
J	106,8	112,5	116,4	118,7	124,3	133,4
J	110,5	115,4	121,3	122,7	136,7	140,0
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	116,1	125,0
F	103,8	103,3	107,7	112,5	122,0	125,7
M	100,4	105,1	108,4	112,6	116,7	123,3
A	100,7	105,5	107,5	111,9	120,0	130,8
M	100,9	104,4	108,5	112,6	120,4	128,8
J	101,1	106,2	109,8	112,0	117,4	126,2
J	100,9	105,4	110,8	112,0	124,8	127,9
A	101,3	105,5	111,0	111,7	122,6	
S	102,0	107,9	111,0	112,6	120,9	
O	102,7	105,8	110,9	113,4	123,9	
N	102,8	106,4	112,1	115,1	123,6	
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	July	June *	July	January -	July
		1997	1996	1997	1996	
TOTAL - ALL PRODUCERS						

ELECTRICITY PRODUCED						
Actual figures	200 092	19 297	18 389	18 835	122 690	115 769
Seasonally adjusted figures		17 639	17 401	17 203	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	1	-	4	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 473	1 345	1 412	9 484	9 107
SOLD OUTSIDE SOUTH AFRICA	5 579	642	602	561	3 690	2 956
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	17 182	16 443	16 862	109 521	103 735
Seasonally adjusted figures		15 684	15 539	15 377	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	189 187	18 292	17 275	17 779	115 923	109 632
Seasonally adjusted figures		16 693	16 364	16 218	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	1	-	4	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 373	1 228	1 286	8 816	8 361
SOLD OUTSIDE SOUTH AFRICA	5 579	642	602	561	3 690	2 956
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	16 277	15 446	15 932	103 421	98 343
Seasonally adjusted figures		14 842	14 597	14 518	-	-

1/ As indicated by electricity available for distribution

* Revised