

Generation and consumption of electricity P4141

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GROWING DEMAND FOR ELECTRICITY IN 1997

Although electricity consumed in June 1997 showed a seasonally adjusted decrease for the second consecutive month, the total consumption during the first six months of 1997 increased by 2,9% compared with the previous six months.

The seasonally adjusted total consumption of electricity in South Africa during the first half of 1997 (93 534 gigawatt-hours) exceeded that for the previous six months (90 902 gigawatt-hours) by 2,9%. Eskom as the major producer of electricity, reported an increase of 2,6% in electricity distributed during this period whilst "other" producers (such as manufacturers and mines) reported a 6,0% increase. Demand from countries outside the borders of South Africa is still high and increased by 9,2% during this period.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Apr. 1997	- Jun. 1997	48 118	+7,8
Apr. 1996	- Jun. 1996	44 646	
Seasonally adjusted			
Apr. 1997	- Jun. 1997	47 517	+3,3
Jan. 1997	- Mar. 1997	46 011	

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	15 238
M	12 985	13 430	13 892	14 687	15 315	16 434*
J	13 451	14 084	14 629	14 998	15 325	16 446
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	
SEASONALLY ADJUSTED FIGURES						
J	12 650	13 075	13 504	14 119	14 493	15 363
F	13 180	13 067	13 579	14 163	15 077	15 479
M	12 668	13 266	13 612	14 158	14 382	15 169
A	12 698	13 233	13 404	14 076	14 783	16 100
M	12 730	13 138	13 551	14 268	14 826	15 885
J	12 748	13 309	13 809	14 139	14 457	15 532
J	12 787	13 231	13 896	14 080	15 378	
A	12 816	13 245	13 922	14 039	15 126	
S	12 913	13 524	13 893	14 152	14 941	
O	13 001	13 292	13 879	14 199	15 260	
N	12 941	13 419	14 082	14 401	15 129	
D	13 039	13 605	14 179	14 361	15 080	

**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	
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	121,9	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	130,9
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	110,7	112,1	124,8	
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	June	May	June	January - June	
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	200 092	18 389	18 331*	17 127	103 394	96 934
Seasonally adjusted figures		17 402	17 769	16 184	-	-
PURCHASED OUTSIDE SOUTH AFRICA						
	29	1	-	-	4	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS						
	15 604	1 342	1 419	1 309	8 006	7 695

SOLD OUTSIDE SOUTH AFRICA	5 579	602	478	493	3 048	2 395
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	178 938	16 446	16 434*	15 325	92 345	86 873
Seasonally adjusted figures		15 532	15 885	14 457	-	-
ESKOM						
ELECTRICITY PRODUCED Actual figures	189 187	17 275	17 286	16 088	97 631	91 853
Seasonally adjusted figures		16 358	16 789	15 214	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	1	-	-	4	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 225	1 307	1 191	7 438	7 075
SOLD OUTSIDE SOUTH AFRICA	5 579	602	478	493	3 048	2 395
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	169 326	15 449	15 501	14 404	87 149	82 411
Seasonally adjusted figures		14 603	15 015	13 594	-	-

1/ As indicated by electricity available for distribution

* Revised

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