

Generation and consumption of electricity P4141

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PURCHASED AND SOLD OUTSIDE SOUTH AFRICA AND CONSUMED IN
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SUMMARY

ELECTRICITY PRODUCTION IS LEVELLING OFF

During 1997, 187 485 Gigawatt-hours of electricity were consumed. This reflects an increase of 4,8% between 1996 and 1997 which is less than the increase of 5,2% between 1995 and 1996.

The consumption of electricity supplied by Eskom increased during the first half of 1997 but levelled off during the second half of the year. Electricity produced by Eskom increased by 5,0% during 1997 compared with 1996, whereas the factories which generated their own electricity increased their production by 9,2% during the same period.

Sales of electricity to countries outside the borders of South Africa in 1997, increased by 18,6% compared with 1996 although the trend was also levelling off towards the end of the year.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Oct. 1997	- Dec. 1997	46 118	+4,0
Oct. 1996	- Dec. 1996	44 354	
Seasonally adjusted			
Oct. 1997	- Dec. 1997	47 302	+1,2
Jul. 1997	- Sept. 1997	46 725	

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**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	15 155
A	12 085	12 578	12 723	13 350	14 006	15 247
M	12 985	13 430	13 892	14 687	15 315	16 423
J	13 451	14 084	14 629	14 998	15 325	16 472
J	14 029	14 519	14 255	15 440	16 862	17 185
A	13 748	14 194	14 893	14 994	16 151	16 287
S	12 806	13 374	13 719	13 939	14 698	15 503
O	13 245	13 480	14 018	14 306	15 356	16 005
N	12 615	13 091	13 752	14 070	14 791	15 235
D	12 279	12 813	13 366	13 534	14 207	14 878
YEAR	154 083	159 359	165 310	170 103	178 938	187 485
SEASONALLY ADJUSTED FIGURES						
J	12 650	13 073	13 501	14 107	14 493	15 357
F	13 180	13 067	13 576	14 157	15 078	15 474
M	12 668	13 275	13 628	14 188	14 426	15 237
A	12 698	13 230	13 391	14 060	14 764	16 075
M	12 729	13 135	13 534	14 248	14 797	15 828
J	12 747	13 306	13 801	14 146	14 467	15 559
J	12 787	13 228	13 900	14 069	15 370	15 669
A	12 816	13 243	13 926	14 030	15 121	15 254
S	12 917	13 535	13 917	14 171	14 964	15 802
O	13 000	13 290	13 874	14 168	15 207	15 846
N	12 939	13 417	14 097	14 415	15 161	15 625
D	13 038	13 606	14 189	14 363	15 093	15 831

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

Base : 1995=100

Month	1992	1993	1994	1995	1996	1997
ACTUAL INDICES						
J	86,1	90,2	92,7	97,5	100,6	108,3
F	83,2	83,0	86,7	90,7	98,5	101,5
M	88,5	92,9	96,1	99,8	103,6	109,5
A	84,4	88,4	90,1	93,9	100,5	109,6
M	91,3	94,7	98,5	102,6	109,9	117,8
J	94,7	99,7	103,2	105,2	110,1	118,3
J	97,9	102,3	107,5	108,7	121,1	124,1
A	96,4	100,2	105,2	105,6	115,8	118,0
S	89,7	94,6	97,2	98,5	105,7	112,9
O	92,6	95,1	99,4	101,4	110,7	115,8
N	89,0	92,2	97,2	99,9	107,3	110,0
D	86,7	89,9	94,5	96,2	102,7	106,7
YEAR	90,0	93,6	97,4	100,0	107,2	112,7
SEASONALLY ADJUSTED INDICES						
J	88,4	92,5	95,0	99,7	102,9	110,7
F	92,0	91,7	95,5	99,7	108,1	111,3
M	89,0	93,1	96,3	100,0	104,0	110,0
A	89,2	93,5	95,2	99,2	106,2	115,8
M	89,4	92,5	96,0	99,6	106,4	113,8
J	89,6	94,1	97,3	99,4	104,2	112,1
J	89,4	93,4	98,1	99,2	110,5	113,2
A	89,8	93,5	98,4	98,9	108,6	110,8
S	90,3	95,5	98,3	99,6	106,9	114,3
O	90,9	93,7	98,3	100,3	109,4	114,4
N	91,1	94,2	99,4	102,1	109,7	112,5
D	91,7	95,2	100,2	102,0	109,1	113,5

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	December	November	December	January - December	
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						

Actual figures	210 352	16 600	17 107	15 975	210 352	200 092
Seasonally adjusted figures		17 659	17 500	16 969	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	-	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 264	1 243	1 308	1 255	16 264	15 604
SOLD OUTSIDE SOUTH AFRICA	6 617	479	564	513	6 617	5 579
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	187 485	14 878	15 235	14 207	187 485	178 938
Seasonally adjusted figures		15 831	15 625	15 093	-	-

ESKOM

ELECTRICITY PRODUCED						
Actual figures	198 708	15 681	16 163	15 082	198 708	189 187
Seasonally adjusted figures		16 663	16 560	16 011	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	-	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 153	1 196	1 177	15 071	14 309
SOLD OUTSIDE SOUTH AFRICA	6 617	479	564	513	6 617	5 579
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 025	14 048	14 404	13 392	177 025	169 326
Seasonally adjusted figures		14 964	14 807	14 246	-	-

1/ As indicated by electricity available for distribution
* Revised