

Generation and consumption of electricity P4141

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ELECTRICITY PRODUCTION IS LEVELLING OFF

The consumption of electricity, which has fluctuated substantially during 1997, is levelling off. Consumption and production of electricity in November 1997 decreased by 1,8% and 1,6% respectively compared with October 1997. However, the consumption is still 2,7% higher than a year ago.

The seasonally adjusted production indices of electricity for the three months up to November 1997 is 1,6% higher compared with the previous three months. Electricity sold outside the borders of South Africa dropped in November 1997 to approximately the same level as the level of November 1996.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Sept. 1997	- Nov. 1997	46 684	+4,1
Sept. 1996	- Nov. 1996	44 845	
Seasonally adjusted			
Sept. 1997	- Nov. 1997	47 196	+1,6
Jun. 1997	- Aug. 1997	46 473	

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 1.1 - 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	16 292
S	12 806	13 374	13 719	13 939	14 698	15 492
O	13 245	13 480	14 018	14 306	15 356	15 995
N	12 615	13 091	13 752	14 070	14 791	15 197
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	13 504	14 114	14 499	15 367
F	13 180	13 067	13 576	14 158	15 078	15 475
M	12 668	13 266	13 608	14 154	14 381	15 161
A	12 702	13 238	13 400	14 073	14 776	16 077
M	12 730	13 137	13 543	14 268	14 825	15 873
J	12 747	13 308	13 804	14 150	14 472	15 539
J	12 787	13 229	13 901	14 066	15 366	15 663
A	12 816	13 245	13 932	14 037	15 130	15 271
S	12 910	13 520	13 893	14 134	14 920	15 743
O	13 001	13 293	13 886	14 187	15 236	15 871
N	12 941	13 420	14 101	14 415	15 157	15 582
D	13 040	13 609	14 181	14 379	15 099	

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	109,3
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	118,2
J	97,9	102,3	107,5	108,7	121,1	124,1
A	96,4	100,2	105,2	105,6	115,8	117,9
S	89,7	94,6	97,2	98,5	105,7	112,8
O	92,6	95,1	99,4	101,4	110,7	115,8
N	89,0	92,2	97,2	99,9	107,3	110,2
D	86,7	89,9	94,5	96,2	102,7	
YEAR	90,0	93,6	97,4	100,0	107,2	
SEASONALLY ADJUSTED INDICES						
J	88,4	92,5	95,0	99,8	102,9	110,8
F	92,0	91,7	95,5	99,7	108,1	111,3
M	89,0	93,1	96,2	99,8	103,6	109,4

A	89,2	93,4	95,2	99,2	106,2	115,8
M	89,4	92,5	96,0	99,8	106,6	114,0
J	89,6	94,1	97,3	99,3	104,2	112,0
J	89,4	93,4	98,1	99,1	110,5	113,2
A	89,8	93,5	98,5	99,0	108,6	110,7
S	90,3	95,5	98,3	99,7	107,0	114,2
O	90,9	93,7	98,3	100,3	109,5	114,5
N	91,1	94,3	99,4	102,1	109,7	112,7
D	91,7	95,2	100,1	102,1	109,0	

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	November	October	November	January - November	
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	200 092	17 145	18 005	16 685	193 731	184 117
Seasonally adjusted figures		17 546	17 818	17 068	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 384	1 376	1 342	15 102	14 349
SOLD OUTSIDE SOUTH AFRICA	5 579	564	634	552	6 138	5 066
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	15 197	15 995	14 791	172 497	164 731
Seasonally adjusted figures		15 582	15 871	15 157	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	189 187	16 211	17 034	15 725	183 075	174 105
Seasonally adjusted figures		16 636	16 888	16 124	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 272	1 262	1 222	13 994	13 132
SOLD OUTSIDE SOUTH AFRICA	5 579	564	634	552	6 138	5 066

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	14 376	15 138	13 951	162 949	155 934
Seasonally adjusted figures		14 785	15 004	14 334	-	-

1/ As indicated by electricity available for distribution
* Revised

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