

Generation and consumption of electricity P4141

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CONTENTS

Key findings

Notes

Tables

1.1 Electricity consumed in South Africa

1.2 Indices of electricity production

2. Electricity - produced, consumed in power stations, purchased and sold outside South Africa

CONSUMPTION OF ELECTRICITY HIGHER THAN A YEAR AGO

Although the demand for electricity slowed down as from June 1997, electricity consumed for the three months up to October 1997 is still 3,4% higher than a year ago.

Despite monthly fluctuations, electricity consumed during the three months up to October 1997 was 0,4% lower after seasonal adjustment than for the previous three months. Eskom reported an increase in production of 0,5% during this period whereas other producers generated 3,7% less electricity.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Aug. 1997 - Oct. 1997	47 779	+3,4
Aug. 1996 - Oct. 1996	46 205	
Seasonally adjusted		
Aug. 1997 - Oct. 1997	46 908	-0,4
May 1997 - Jul. 1997	47 110	

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	
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	12 651	13 075	13 503	14 113	14 495	15 362
F	13 180	13 067	13 576	14 160	15 076	15 473
M	12 668	13 266	13 605	14 151	14 374	15 154
A	12 698	13 232	13 394	14 068	14 768	16 071
M	12 728	13 136	13 546	14 276	14 839	15 892
J	12 748	13 310	13 808	14 153	14 476	15 545
J	12 788	13 231	13 906	14 072	15 374	15 673
A	12 817	13 246	13 935	14 038	15 133	15 274
S	12 912	13 524	13 904	14 150	14 945	15 772
O	13 002	13 294	13 886	14 182	15 228	15 862
N	12 941	13 420	14 079	14 408	15 136	
D	13 039	13 606	14 176	14 368	15 087	

**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	
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	108,2	111,4
M	89,0	93,1	96,1	99,7	103,5	109,2
A	89,2	93,4	95,2	99,2	106,1	115,8
M	89,4	92,6	96,1	99,8	106,7	114,2

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

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	October	September	October	January - October	
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	200 092	18 005	17 548	17 214	176 586	167 432
Seasonally adjusted figures		17 848	17 801	17 059	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	1	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 376	1 434	1 309	13 718	13 007
SOLD OUTSIDE SOUTH AFRICA	5 579	634	623	549	5 574	4 514
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	15 995	15 492	15 356	157 300	149 940
Seasonally adjusted figures		15 862	15 772	15 228	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	189 187	17 034	16 605	16 290	166 864	158 380
Seasonally adjusted figures		16 908	16 876	16 171	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	1	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 262	1 330	1 194	12 722	11 910
SOLD OUTSIDE SOUTH AFRICA	5 579	634	623	549	5 574	4 514

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	15 138	14 653	14 547	148 573	141 983
Seasonally adjusted figures		15 022	14 968	14 440	-	-

1/ As indicated by electricity available for distribution
* Revised

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