

Generation and consumption of electricity P4141

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DEMAND FOR ELECTRICITY INCREASES

The consumption of electricity in South Africa reflected, after seasonal adjustment, an increase for the third consecutive month. Electricity consumed for the three months up to October 1998 after seasonal adjustment is 0,8% higher than for the previous three months. Furthermore, the consumption of electricity for the three months up to October 1998 increased slightly by 0,2% compared with the same period of 1997.

Despite the increase in demand for electricity, local production of electricity for the three months up to October 1998 decreased by 1,2% after seasonal adjustment compared with the previous three months. Eskom reported a decrease of 1,5% (-693 Gigawatt-hours) in production during this period. This was mainly due to more electricity being imported from neighbouring countries. However, electricity produced by other producers increased by 4,0% (114 Gigawatt hours) over the same period.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
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Actual				
Aug. 1998	-	Oct. 1998	47 909	+0,2
Aug. 1997	-	Oct. 1997	47 811	
Seasonally adjusted				
Aug. 1998	-	Oct. 1998	46 864	+0,8
May 1998	-	Jul. 1998	46 477	

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 regarding the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also published in this statistical release.

According to international practice, production indices are 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 new information becomes available.

Stats SA has adopted the confidential pre-release policy in respect of selected economic indicators and specific government departments. The policy accords with practice among leading statistical agencies. The statistical integrity of the indices and strict observance of the release time has been assured by the following procedure:

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The Stats SA's pre-release policy may be inspected at its Website, www.statssa.gov.za.

**TABLE 1.1 - ELECTRICITY CONSUMED IN SOUTH AFRICA 1/
HISTORICAL TABLE**

Gigawatt-hours

Month	1993	1994	1995	1996	1997	1998
ACTUAL FIGURES						
J	12 762	13 176	13 782	14 155	15 009	15 403
F	11 802	12 294	12 858	13 710	14 088	14 459
M	13 232	13 593	14 145	14 361	15 155	15 714
A	12 578	12 723	13 350	14 006	15 247	14 923
M	13 430	13 892	14 687	15 315	16 423	16 261
J	14 084	14 629	14 998	15 325	16 474	16 280
J	14 519	15 255	15 440	16 862	17 187	16 867
A	14 194	14 893	14 994	16 151	16 303	16 417
S	13 374	13 719	13 939	14 698	15 503	15 536*
O	13 480	14 018	14 306	15 356	16 005	15 956
N	13 091	13 752	14 070	14 792	15 235	
D	12 813	13 366	13 534	14 207	14 878	
YEAR	159 359	165 310	170 103	178 938	187 507	
SEASONALLY ADJUSTED FIGURES						
J	13 064	13 495	14 101	14 457	15 280	15 729
F	13 061	13 571	14 159	15 081	15 483	15 875
M	13 268	13 637	14 228	14 467	15 296	15 910
A	13 305	13 456	14 118	14 783	16 076	15 723
M	13 129	13 542	14 263	14 759	15 768	15 602
J	13 285	13 780	14 145	14 476	15 605	15 441
J	13 225	13 897	14 077	15 390	15 708	15 434
A	13 238	13 933	14 068	15 181	15 342	15 505
S	13 535	13 878	14 102	14 846	15 634	15 641
O	13 292	13 863	14 162	15 188	15 805	15 718
N	13 408	14 075	14 394	15 172	15 628	
D	13 579	14 176	14 372	15 124	15 858	

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

Base : 1995=100

Month	1993	1994	1995	1996	1997	1998
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ACTUAL INDICES

J	90,2	92,7	97,5	100,6	108,3	109,6
F	83,0	86,7	90,7	98,5	101,5	102,8
M	92,9	96,1	99,8	103,6	109,5	110,6
A	88,4	90,1	93,9	100,5	109,6	105,5
M	94,7	98,5	102,6	109,9	117,8	115,4
J	99,7	103,2	105,2	110,1	118,3	115,4
J	102,3	107,5	108,7	121,1	124,1	119,9
A	100,2	105,2	105,6	115,8	118,0	111,9
S	94,6	97,2	98,5	105,7	112,9	109,1
O	95,1	99,4	101,4	110,7	115,8	112,6
N	92,2	97,2	99,9	107,3	110,0	
D	89,9	94,5	96,2	102,7	106,7	
YEAR	93,6	97,4	100,0	107,2	112,7	

SEASONALLY ADJUSTED INDICES

J	92,5	95,0	99,8	102,9	110,9	112,2
F	91,6	95,5	99,6	108,0	111,2	112,5
M	93,2	96,4	100,2	104,3	110,5	111,9
A	93,5	95,2	99,2	106,1	115,6	111,2
M	92,6	96,0	99,6	106,2	113,5	111,0
J	94,1	97,4	99,4	104,3	112,3	109,7
J	93,4	98,1	99,2	110,5	113,3	109,5
A	93,5	98,5	99,1	109,0	111,2	105,6
S	95,5	98,1	99,5	106,6	113,8	109,9
O	93,7	98,2	100,2	109,1	113,8	110,6
N	94,2	99,3	102,0	109,7	112,4	
D	95,2	100,1	101,9	109,0	113,4	

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	October	September	October	January - October	
		1998	1997	1997	1998	1997
TOTAL - ALL PRODUCERS						

ELECTRICITY PRODUCED						
Actual figures	210 362	17 520	16 965*	18 015	173 088	176 655
Seasonally adjusted figures		17 215	17 098	17 715	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	161	203	-	1 890	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 325	1 289	1 376	13 398	13 697
SOLD OUTSIDE SOUTH AFRICA	6 615	400	343*	634	3 764	5 572
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 507	15 956	15 536*	16 005	157 816	157 394
Seasonally adjusted figures		15 718	15 641	15 805	-	-

ESKOM						

ELECTRICITY PRODUCED						
Actual figures	198 708	16 510	15 994*	17 034	163 140	166 864
Seasonally adjusted figures		16 212	16 126	16 747	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	161	203	-	1 890	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 205	1 177	1 262	12 286	12 722
SOLD OUTSIDE SOUTH AFRICA	6 615	400	343*	634	3 764	5 572
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 030	15 066	14 677*	15 138	148 980	148 578
Seasonally adjusted figures		14 821	14 773	14 937	-	-

1/ As indicated by electricity available for distribution

* Revised