

Generation and consumption of electricity P4141

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INCREASING DEMAND FOR ELECTRICITY IN 1996

Electricity consumed in South Africa during 1996 (180 406 Gigawatt-hours) exceeded that for 1995 by 5,3%. This is the largest year on year increase for the past ten years.

Demand for electricity supplied by Eskom increased during the first half of 1996, which resulted in a total increase of 7,2% in electricity produced compared with 1995. Sales to countries outside the South African borders nearly doubled in 1996 (5 550 Gigawatt-hours) compared with 3 000 gigawatt-hours for 1995.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Oct. 1996	- Dec. 1996	44 721	+5,8
Oct. 1995	- Dec. 1995	42 286	
Seasonally adjusted			
Oct. 1996	- Dec. 1996	45 722	-0,1
Jul. 1996	- Sept. 1996	45 782	

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	1991	1992	1993	1994	1995	1996*
ACTUAL FIGURES						
J	12 435	12 354	12 753	13 211	13 849	14 249
F	11 475	11 881	11 798	12 329	12 924	13 799
M	12 702	12 605	13 231	13 633	14 197	14 466
A	12 532	12 085	12 583	12 767	13 428	14 122
M	13 128	12 985	13 435	13 946	14 796	15 439
J	13 511	13 451	14 093	14 689	15 105	15 461
J	14 164	14 029	14 535	15 318	15 590	17 002
A	13 914	13 748	14 212	14 961	15 146	16 296
S	12 695	12 806	13 395	13 781	14 080	14 815
O	13 079	13 245	13 506	14 091	14 443	15 476
N	12 344	12 615	13 119	13 821	14 201	14 917
D	11 797	12 279	12 845	13 438	13 642	14 328
YEAR	153 776	154 083	159 505	165 985	171 401	180 370
SEASONALLY ADJUSTED FIGURES						
J	12 724	12 650	13 065	13 535	14 200	14 608
F	12 734	13 180	13 064	13 622	14 270	15 224
M	12 810	12 670	13 264	13 637	14 198	14 464
A	13 152	12 698	13 244	13 451	14 175	14 919
M	12 891	12 743	13 172	13 663	14 485	15 110
J	12 848	12 748	13 314	13 844	14 220	14 549
J	12 917	12 785	13 242	13 950	14 198	15 482
A	12 972	12 813	13 259	13 981	14 165	15 243
S	12 768	12 911	13 548	13 958	14 291	15 057
O	12 772	12 996	13 312	13 935	14 306	15 349
N	12 664	12 935	13 438	14 124	14 491	15 213
D	12 518	13 034	13 629	14 222	14 427	15 160

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

Base : 1990=100

Month	1991	1992	1993	1994	1995	1996
ACTUAL INDICES						
J	98,3*	97,2*	101,8*	104,9*	110,6*	114,3
F	91,0	93,9	93,6	98,1	103,0	111,9
M	100,6	99,8	104,9	108,8	113,1	117,8
A	99,6	95,3	99,8	102,1	106,6	114,4
M	104,5	103,1	106,9	111,7	116,7	125,1
J	107,6	106,8	112,6	116,9	119,6	125,4
J	112,4	110,5	115,6	121,8	123,9	137,8
A	110,4	108,8	113,2	119,2	120,5	131,9
S	101,2	101,2	106,9	110,2	112,3	120,2
O	103,6	104,6	107,6	112,8	115,6	125,9
N	98,4	100,4	104,3	110,3	113,8	122,1
D	93,7	97,8	101,7	107,2	109,5	116,9
YEAR	101,8	101,6	105,7	110,3	113,8	122,0
SEASONALLY ADJUSTED INDICES						
J	100,9	99,8	104,4	107,5	113,4	117,1
F	100,6	103,8	103,4	108,1	113,4	123,2
M	101,6	100,4	105,1	108,8	113,0	117,6
A	105,2	100,7	105,5	108,0	112,8	121,2
M	102,4	100,9	104,5	109,0	113,8	122,0
J	102,2	101,1	106,3	110,2	112,7	118,2
J	102,6	100,9	105,5	111,1	113,1	125,7
A	102,7	101,3	105,6	111,5	112,9	123,6
S	101,6	102,0	108,0	111,5	113,7	121,9
O	101,2	102,7	106,0	111,5	114,4	124,7
N	100,7	102,7	106,6	112,5	116,0	124,4
D	99,0	103,4	107,7	113,4	115,8	123,7

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

DESCRIPTION	Gigawatt-hours				
	December	November	December	January - Decemb	
	1996	1995	1995	1996	1995

TOTAL - ALL PRODUCERS					

ELECTRICITY PRODUCED					
Actual figures	16 109	16 828	15 093	201 716	18
Seasonally adjusted figures	17 057	17 144	15 972	-	
PURCHASED OUTSIDE SOUTH AFRICA	-	-	-	29	
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	1 267	1 359	1 182	15 794	1
SOLD OUTSIDE SOUTH AFRICA	513	552	269	5 579	
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/					
Actual figures	14 328	14 917	13 642	180 370	17
Seasonally adjusted figures	15 160	15 213	14 427	-	

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ELECTRICITY PRODUCED					
Actual figures	15 082	15 725	14 143	189 187	17
Seasonally adjusted figures	15 972	16 045	14 978	-	
PURCHASED OUTSIDE SOUTH AFRICA	-	-	-	29	
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	1 177	1 222	1 064	14 309	1
SOLD OUTSIDE SOUTH AFRICA	513	552	269	5 579	
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/					

Actual figures	13 392	13 951	12 810	169 326	15
Seasonally adjusted figures	14 182	14 251	13 565	-	

1/ As indicated by electricity available for distribution

* Revised

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