

## Generation and consumption of electricity P4141

September 1996

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### **DEMAND FOR ELECTRICITY STILL HIGH**

Although electricity consumed in South Africa decreased in September 1996 for the second consecutive month, it is still reflecting an upward trend. The output of the manufacturing sector, which is a large consumer of electricity, is reflecting a similar upward trend (see graph).

The consumption of electricity during the third quarter of 1996 exceeded that for the second quarter by 2,7% (1 223 gigawatt-hours) after seasonal adjustment.

The seasonally adjusted average index of electricity produced for the third quarter of 1996 (124,1) was also 2,7% higher than for the second quarter of 1996. Eskom was responsible for the increased production over this period while the other producers maintained their production levels.

#### **NOTE**

This statistical release contains estimates of the total number of units of electricity consumed in the Republic of South Africa (including the former TBVC states). 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.

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**Head: Central Statistical Service**

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**SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA**

Period	Gigawatt-hours	Percentage change
Actual		
Jul. 1996 - Sept. 1996	48 133	+7,4
Jul. 1995 - Sept. 1995	44 816	
Seasonally adjusted		
Jul. 1996 - Sept. 1996	45 802	+2,7
Apr. 1996 - Jun. 1996	44 579	

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

Gigawatt-hours						
Month	1991	1992	1993	1994	1995	1996
ACTUAL FIGURES						
J	12 435	12 354	12 753	13 211	13 849	14 252
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	14 096
M	13 128	12 985	13 435	13 946	14 796	15 452
J	13 511	13 451	14 093	14 689	15 105	15 462*
J	14 164	14 029	14 535	15 318	15 590	17 003
A	13 914	13 748	14 212	14 961	15 146	16 301*
S	12 695	12 806	13 395	13 781	14 080	14 829
O	13 079	13 245	13 506	14 091	14 443	
N	12 344	12 615	13 119	13 821	14 201	

D	11 797	12 279	12 845	13 438	13 642	
YEAR	153 776	154 083	159 505	165 985	171 401	
SEASONALLY ADJUSTED FIGURES						
J	12 724	12 650	13 063	13 535	14 191	14 601
F	12 734	13 179	13 063	13 624	14 265	15 219
M	12 810	12 671	13 266	13 642	14 197	14 463
A	13 152	12 696	13 244	13 454	14 176	14 895
M	12 891	12 744	13 175	13 663	14 483	15 125
J	12 848	12 749	13 320	13 846	14 223	14 559
J	12 917	12 786	13 247	13 951	14 200	15 490
A	12 972	12 814	13 262	13 977	14 160	15 248
S	12 769	12 913	13 552	13 952	14 281	15 064
O	12 772	12 995	13 305	13 951	14 327	
N	12 664	12 934	13 426	14 135	14 510	
D	12 516	13 031	13 610	14 216	14 411	

\* Revised

**TABLE 2**  
**ELECTRICITY - PRODUCED, CONSUMED IN POWER STATIONS, PURCHASED AND SOLD OUTSIDE SOUTH AFRICA**  
**AND CONSUMED IN SOUTH AFRICA**

Gigawatt-hours

DESCRIPTION	Year 1995	September	August*	September	January - September	
		1996	1995	1995	1996	1995
<b>TOTAL - ALL PRODUCERS</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	188 138	16 568	18 177	15 476	151 427	141 427
Seasonally adjusted figures		16 822	17 025	15 694	-	-
PURCHASED OUTSIDE SOUTH AFRICA	149	-	-	-	4	149
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	13 886	1 254	1 367	1 053	11 836	10 380
SOLD OUTSIDE SOUTH AFRICA	3 000	485	510	343	3 936	2 081
<b>ELECTRICITY CONSUMED IN SOUTH AFRICA</b>						
Actual figures	171 401	14 829	16 301	14 080	135 660	129 115
Seasonally adjusted figures		15 064	15 248	14 281	-	-
<b>ESKOM</b>						

ELECTRICITY PRODUCED						
Actual figures	174 647	15 535	16 923	14 307	142 090	131 193
Seasonally adjusted figures		15 795	15 907	14 526	-	-
PURCHASED OUTSIDE SOUTH AFRICA	149	-	-	-	4	149
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	12 310	1 128	1 227	918	10 716	9 205
SOLD OUTSIDE SOUTH AFRICA	3 000	485	510	343	3 936	2 081
ELECTRICITY CONSUMED IN SOUTH AFRICA						
Actual figures	159 486	13 921	15 186	13 046	127 442	120 056
Seasonally adjusted figures		14 155	14 259	13 245	-	-

\* Revised

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