

**Table1: SAPP EXISTING GENERATION STATIONS – 2011/12**

SAPP UTILITY GENERATION MIX , MW													
Technology / Utility	BPC	EDM	ENE	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO	Total
Base Load													
Hydro	-	498	760	286	2,000	72	240	63	2,442	561	750	1,802	9,474
Coal	132	-	267	-	37,831	-	132	9	-	-	1,295	-	39,666
Nuclear	-	-	-	-	1,930	-	-	-	-	-	-	-	1,930
CCGT	-	-	160	1	-	-	-	-	-	485	-	-	646
Distillate	70	51	-	-	2,409	-	21	-	-	78	-	10	2,639
<b>Total</b>	<b>202</b>	<b>549</b>	<b>1,187</b>	<b>287</b>	<b>44,170</b>	<b>72</b>	<b>393</b>	<b>72</b>	<b>2,442</b>	<b>1,124</b>	<b>2,045</b>	<b>1,812</b>	<b>54,355</b>

SAPP UTILITY GENERATION MIX , %													
Technology / Utility	BPC	EDM	ENE	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO	Total
Base Load													
Hydro	0%	91%	64%	100%	5%	100%	61%	88%	100%	50%	37%	99%	17.4%
Coal	65%	0%	22%	0%	86%	0%	34%	13%	0%	0%	63%	0%	73.0%
Nuclear	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	3.6%
CCGT	0%	0%	13%	0%	0%	0%	0%	0%	0%	43%	0%	0%	1.2%
Distillate	35%	9%	0%	0%	5%	0%	5%	0%	0%	7%	0%	1%	4.9%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

**Table 2: YEAR 2011/12 INSTALLED CAPACITY VS PEAK DEMAND**

No.	Country	Utility	Installed Capacity [MW] As at March 2012	Available Capacity [MW] March 2012	Installed minus Available [MW]	2011 Peak Demand [MW]
1	Angola	ENE	1,508	1400	108	870
2	Botswana	BPC	202	190	12	542
3	DRC	SNEL	2,442	1,170	1,272	1,050
4	Lesotho	LEC	72	72	0	125
5	Malawi	ESCOM	287	287	0	277
6	Mozambique	EDM	233	174	59	616
		HCB	2,075	2,075	0	
7	Namibia	NamPower	393	360	33	611
8	South Africa	Eskom	44,170	41,194	2,976	36,664
9	Swaziland	SEC	70	70	0	200
10	Tanzania	TANESCO	1008	900	108	890
11	Zambia	ZESCO	1,812	1,600	212	1,562
12	Zimbabwe	ZESA	2,045	1,320	725	2,029
<b>TOTAL SAPP</b>			<b>56,317</b>	<b>50,812</b>	<b>5,505</b>	<b>45,436</b>
<b>Total Interconnected SAPP</b>			<b>53,514</b>	<b>48,225</b>	<b>5,289</b>	<b>43,399</b>

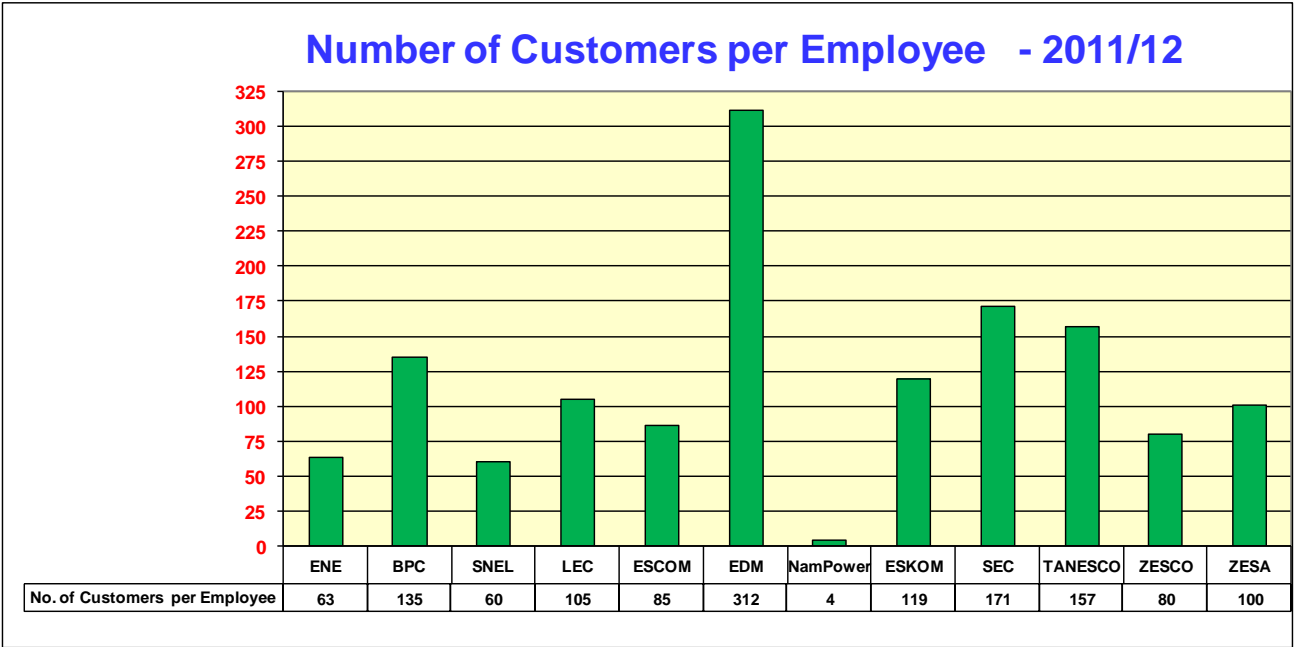
**Table 3: Demand and Supply Growth 2011/12**

No.	Country	Utility	2010 Peak Demand [MW]	2011 Peak Demand [MW]	Demand Growth [%]
1	Angola	ENE	796	870	9.3%
2	Botswana	BPC	553	542	-2.0%
3	DRC	SNEL	1,081	1,050	-2.9%
4	Lesotho	LEC	121	125	3.3%
5	Malawi	ESCOM	274	277	1.1%
6	Mozambique	EDM	549	616	12.2%
7	Namibia	NamPower	564	611	8.3%
8	South Africa	Eskom	35,850	36,543	1.9%
9	Swaziland	SEC	204	200	-2.0%
10	Tanzania	TANESCO	883	890	0.8%
11	Zambia	ZESCO	1,483	1,562	5.3%
12	Zimbabwe	ZESA	1,836	2,029	10.5%
	<b>TOTAL</b>		<b>44,194</b>	<b>45,315</b>	

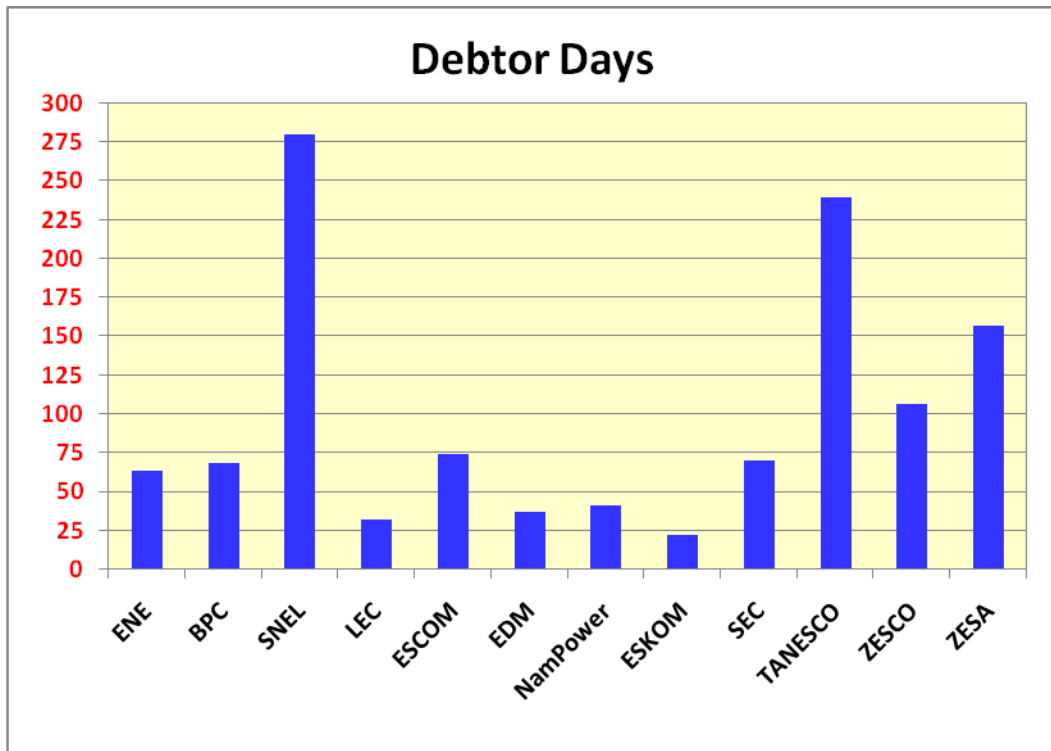
**Table 4: Key Statistics 2011/12**

UTILITY	(Peak Demand) MW / Employee	Generation Sent Out GWh / Employee	Number of Customers per Employee	Energy Sales per Employee (GWh per Employee)
ENE	2.170	1.400	63	1.41
BPC	2.901	0.199	135	1.90
SNEL	1.475	1.073	60	0.96
LEC	2.220	0.863	105	0.94
ESCOM	1.251	0.754	85	0.75
EDM	1.899	0.120	312	0.15
NamPower	6.714	1.434	4	3.82
ESKOM	9.393	6.083	119	6.00
SEC	3.527	0.508	171	2.11
TANESCO	1.496	0.510	157	0.88
ZESCO	3.172	2.174	80	2.17
ZESA	3.515	1.204	100	1.29

**Graph 1: Number of Customers per Employee - 2011/12**



**Graph 2: Utility Debtor Days - 2011/12**



**Graph 3: Average Electricity Tariff 2011/12**

