

Table1: SAPP EXISTING GENERATION STATIONS

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

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

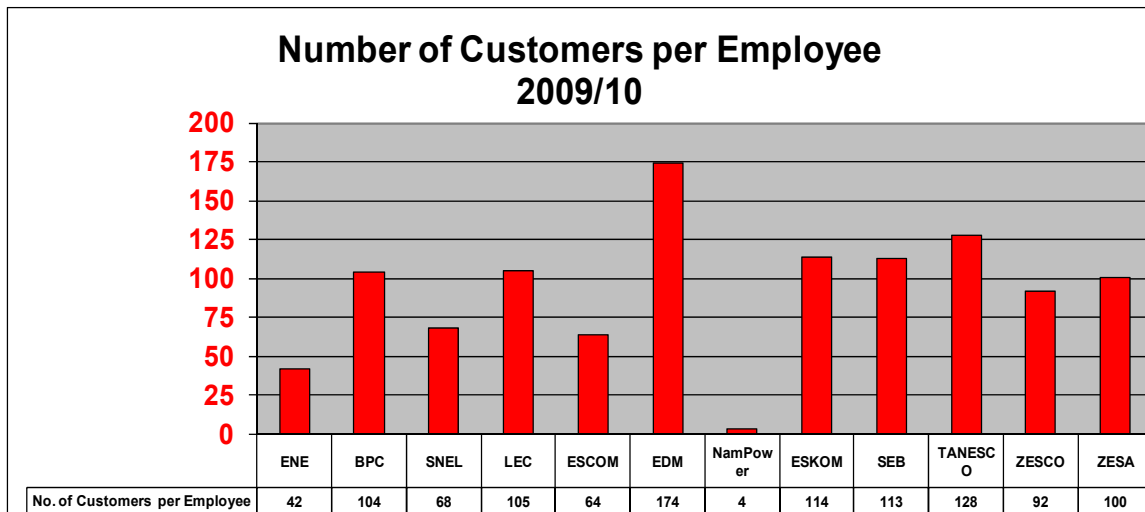
YEAR 2009/10 INSTALLED CAPACITY VS PEAK DEMAND

No.	Country	Utility	Installed Capacity [MW] As at Jan 2011	Available Capacity [MW] Jan 2011	Installed minus Available [MW]	2010 Peak Demand [MW]	Capacity Required [MW] 10.2% Reserve	Deficit (MW)
1	Angola	ENE	1,187	990	197	1100		
2	Botswana	BPC	202	190	12	553		
3	DRC	SNEL	2,442	1,170	1,272	1,081		
4	Lesotho	LEC	72	72	-	121		
5	Malawi	ESCOM	287	287	-	300		
6	Mozambique	EDM	233	174	59	560		
		HCB	2,075	2,075	-			
7	Namibia	NamPower	393	360	33	564		
8	South Africa	Eskom	44,170	41,074	3,096	36,705		
9	Swaziland	SEC	70	70	-	204		
10	Tanzania	TANESCO	1008	780	228	833		
11	Zambia	ZESCO	1,812	1,215	597	1,600		
12	Zimbabwe	ZESA	2,045	1,320	725	2,100		
TOTAL SAPP			55,996	49,777	6,219	45,721	50,385	(608)
Total Interconnected SAPP			53,514	47,720	5,794	43,488	47,924	(204)

Table 2: Key Statistics 2009/10

UTILTY	(Peak Demand) MW / Employee	Generation Sent Out GWh / Employee	Number of Customers per Employee	Energy Sales per Employee GWh/Employee
ENE	1.644	1.017	42	1.02
BPC	2.636	0.288	104	1.70
SNEL	1.642	1.157	68	1.02
LEC	1.918	0.863	105	0.94
ESCOM	0.943	0.560	64	0.56
EDM	1.178	0.097	174	0.67
NamPower	4.934	1.434	4	3.82
ESKOM	9.140	5.936	114	5.84
SEB	3.195	0.256	113	1.83
TANESCO	1.320	0.831	128	0.84
ZESCO	4.227	2.618	92	2.60
ZESA	3.515	1.204	100	1.33

Graph 1: Number of Customers per Employee 2009/10



Graph 2: Utility Debtor Days 2009/10

