

**Table 1: SAPP UTILITY GENERAL INFORMATION - 2015 /16**

Country	Utility	Installed Capacity MW	Net Capacity MW	Maximum Demand MW	MD Growth %	Sales GWh	Sales Growth %	Number of Customers	Number of Employees	Generation Sent Out GWh	Net Imports GWh	Net Exports GWh	Transmission System Losses %	Revenue US\$ Million	Debtor Days	Rate of Return %	Net Income USD Million
Angola	ENE	2210	1772	1599	0%	3427	-5.10%	251952	4009	5613	0	0	10	513.4	64	n/a	n/a
Botswana	BPC	892	410	610	0%	3118	0.30%	251773	1868	372	1207	0	3.7	216	69	-6	22
DRC	SNEL	2442	1066	1317	-5%	7584	11.81%	746902	7372	8185,2	95	69	10	309.6	150	n/a	n/a
Lesotho	LEC	74	70	140	-7%	488	6.20%	58900	563	486	175	2.7	11	31.5	32	5.2	5.1
Malawi	ESCOM	352	351	326	0%	1476	2%	204955	2398	1809	0	0	9	90	74	15	38
Mozambique	EDM/HCB	2724	2279	1780	3%	2380	13.00%	1010780	3244	390	1004	233	6.4	n/a	37	n/a	n/a
Namibia	NamPower	501	354	629	0%	3648	1.20%	3449	910	1305	1337	36	3.2	310	41	6	53
South Africa	ESKOM	46963	36000	33345	-8%	224446	2.70%	4653750	39034	237430	8979	12651	3.27	13649	17	2.91	1247
Swaziland	SEC	70	55	227	3%	1018.6	3.70%	97000	567	288.1	889	0	6	114.4	70	7	9.7
Tanzania	TANESCO	1380	823	935	0%	3770	20.90%	932285	5950	3034	0	0	6.12	277.3	240	4.86	-19.1
Zambia	ZESCO	2206	2175	2287	15%	10688	7.20%	418651	5234	11381	164	3441	4.6	350	107	9	60
Zimbabwe	ZESA	2045	1555	1521	-9%	7 367	4.50%	579006	5773	6951	636	961	4	469	157	-34	-120

**Table 2: SAPP DEMAND FORECAST, MW**

SAPP DEMAND FORECASTS, MW														
Utility / Year	BPC	EDM	ESCOM	ENE	ESKOM	LEC	NAMPOWER	SEC	SNEL	TANESCO	ZESA	ZESCO	Total, All SAPP Members	Total, SAPP Operating Members Only
2014	681	650	335	1,653	39,814	136	599	264	3,314	1,139	2430	2,738	53,752	50,625
2015	711	714	340	1,657	40,659	141	598	271	3,395	1,365	2535	2,922	55,308	51,946
2016	773	741	431	1,762	41,755	148	643	278	3,418	1,704	2659	3,080	57,392	53,495
2017	854	768	459	1,872	43,034	154	656	287	3,503	2,088	2795	3,314	59,784	55,365
2018	877	795	503	1,987	44,271	160	748	293	3,592	2,522	2895	3,392	62,036	57,024
2019	902	822	522	2,109	45,498	167	759	300	3,685	2,698	3053	3,472	63,987	58,658
2020	924	876	541	2,226	46,759	175	771	304	3,783	2,881	3174	3,552	65,966	60,318
2021	959	939	560	2,347	48,262	182	783	308	3,886	3,067	3270	3,652	68,216	62,242
2022	1,030	1,007	577	2,472	49,729	190	795	311	3,994	3,274	3384	3,752	70,515	64,192
2023	1,055	1,079	594	2,601	51,203	198	806	315	4,107	3,498	3515	3,852	72,822	66,130
2024	1,091	1,157	611	2,734	52,627	207	818	319	4,225	3,743	3640	3,952	75,123	68,036
2025	1,111	1,240	629	2,871	54,264	215	830	323	4,350	4,017	3751	4,052	77,654	70,137

Also see the following page 2 for Table 3

**Table 3: SAPP ENERGY FORECAST, GWh**

SAPP ENERGY FORECAST , GWh														
Utility / Year	BPC	EDM	ESCOM	ENE	ESKOM	LEC	NAMPOWER	SEC	SNEL	TANESCO	ZESA	ZESCO	Total, All SAPP Members	Total,SAPP Operating Members Only
2014	5,173	4,150	2,450	8,772	265,465	594	3,848	1,494	20,547	10,027	11,493	18,613	352,625	331,377
2015	5,298	4,348	2,553	9,437	271,424	619	3,956	1,534	21,049	11,458	12,435	18,853	362,964	339,517
2016	5,411	4,522	2,656	10,032	279,384	646	4,123	1,573	21,192	13,073	13,512	19,098	375,220	349,460
2017	5,919	4,695	2,761	10,658	287,479	674	4,289	1,624	21,719	14,456	14,688	19,384	388,346	360,471
2018	6,247	4,869	2,866	11,316	296,379	703	4,496	1,658	22,270	15,336	15,975	19,553	401,668	372,150
2019	6,744	5,042	2,973	12,008	305,418	733	4,663	1,698	22,847	16,276	17,381	19,760	415,543	384,287
2020	6,848	5,389	3,081	12,674	314,790	765	4,838	1,720	23,455	17,363	18,629	19,968	429,519	396,401
2021	6,949	5,777	3,190	13,364	324,303	797	4,966	1,743	24,093	18,476	19,481	20,177	443,318	408,287
2022	7,049	6,193	3,284	14,077	333,929	832	5,143	1,760	24,763	19,718	20,160	20,387	457,294	420,215
2023	7,147	6,639	3,380	14,812	343,561	867	5,338	1,783	25,463	21,057	20,938	20,597	471,581	432,333
2024	7,243	7,117	3,479	15,568	353,651	905	5,579	1,805	26,195	22,526	21,684	20,809	486,560	444,987
2025	7,336	7,629	3,581	16,345	364,056	944	5,767	1,828	26,970	24,160	22,346	21,021	501,983	457,898