

SAPP UTILITY GENERAL STATISTICS 2017/2018

Country	Utility	Installed Capacity	Operating Capacity	Maximum Demand	Peak Demand	MD Growth	Sales	Sales Growth	Number of Customers	Number of Employees	Generation Sent Out	Net Imports	Net Exports	Transmission System Losses	Revenue US\$ Million
		MW	MW	MW	Plus Reserves	%	GWh	%			GWh	GWh	GWh	%	
Angola	RNT	3129	2500	1869	2138	3%	7922	-5.10%	251952	4009	9507	0.00	0.00	10	513.4
Botswana	BPC	927	459	610	698	0%	3118	0.30%	251773	1868	4203	311.86	0.00	3.7	216
DRC	SNEL	2457	1076	1376	1574	0%	6886		861661	6774	8639	0.00	0.00	9	
Lesotho	LEC	74	70	150	172	-7%	488	6.20%	58900	563	332	294.39	0.73	11	31.5
Malawi	ESCOM	352	351	326	373	-2%	1476	2.00%	374400	2398	2053	0.00	0.00	6	90
Mozambique	EDM/HCB/MOTRACO	2724	2279	1850	2116	3%	2380	13.00%	1010780	3244	16636	68.23	280.33	6.4	n/a
Namibia	NamPower	538	354	647	740	2.84%	3648	1.20%	3449	910	2672	1756.02	0.00	3.2	310
South Africa	ESKOM	50774	48463	38897	44127	-7%	214121	-4.60%	5976557	47658	233503	2.94	4168.78	0.1	13468.8
Swaziland	SEC	70	55	232	265	2.20%	1058	-2.40%	182,562	700	197	840.87	0.00	6	124.767
Tanzania	TANESCO	1366	823	1051.27	1202	2%	5948.47	7.08%	2013839	6469	9010	0.00	0.00	6.02	631.73
Zambia	ZESCO/CEC/LHPC	2734	2734	2194	2510	3%	11931	2.00%	831362	6791	14394	360.63	7.92	6.23	886
Zimbabwe	ZESA	2045	1555	1615	1847	-9%	7,367	4.50%	579006	5773	8513	1177.86	355.04	4	469

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SAPP UTILITY PEAK DEMAND (MW) FORECAST 2017 - 2025

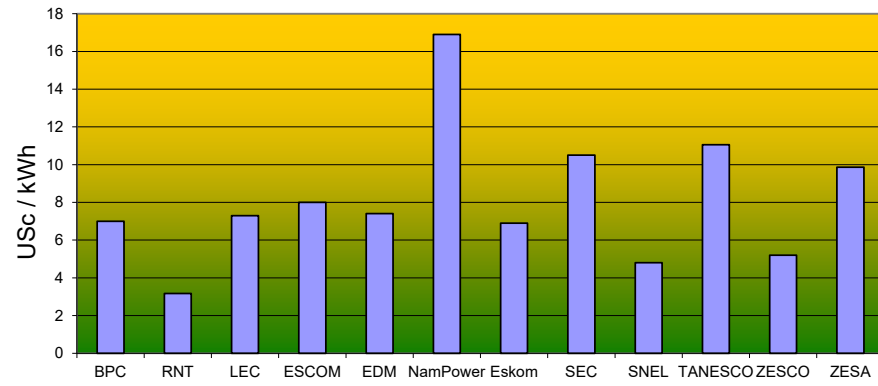
Year / Utility	BPC	EDM	RNT	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO
2018	683	2,038	1872	529	36,113	168	733	257	1,727	1,680	2,083	3,177
2019	712	2,155	2067	621	37,572	172	758	265	1,832	1,930	2,130	3,300
2020	824	2,255	2282	719	38,667	178	786	273	1,921	2,190	2,247	3,432
2021	855	2,350	2486	795	39,893	183	816	283	2,024	2,430	2,381	3,573
2022	914	2,484	2702	878	41,040	188	842	294	2,117	2,690	2,601	3,724
2023	942	2,608	2936	967	42,102	196	869	306	2,212	2,980	2,752	3,886
2024	971	2,679	3170	1,064	43,269	201	899	317	2,358	3,300	2,947	4,060
2025	1,057	2,752	3412	1,169	44,535	204	931	329	2,465	3,660	3,077	4,247

SAPP UTILITY ENERGY DEMAND (GWh) FORECAST 2017 - 2025

Year / Utility	BPC	EDM	RNT	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO
2018	4,479	14,305	10,661	2,944	237,263	740	4,780	1,283	10,592	10,320	10,424	19,117
2019	4,669	15,025	11,768	3,459	246,845	774	4,930	1,355	10,910	11,810	10,417	19,944
2020	5,406	15,775	12,994	3,994	254,042	819	5,100	1,444	11,445	13,430	10,837	20,721
2021	5,609	16,342	14,152	4,426	262,094	864	5,288	1,538	12,057	14,890	11,218	21,185
2022	5,996	17,177	15,386	4,897	269,634	914	5,443	1,632	12,609	16,490	11,988	22,021
2023	6,180	17,947	16,718	5,412	276,608	962	5,606	1,724	13,174	18,270	12,517	22,894
2024	6,370	18,409	18,051	5,973	284,279	1,015	5,793	1,803	14,046	20,230	12,982	23,715
2025	6,930	18,843	19,427	6,586	292,593	1,069	5,991	1,863	14,684	22,440	13,611	24,667



Average Electricity Tariff, USc / kWh



Debtor Days	Rate of Return %	Net Income USD Million
64	n/a	n/a
69	-6	22
0	n/a	n/a
32	5.2	5.1
106	6.78	10.533
37	n/a	n/a
41	6	53
16.8	2.9	-66.9
47	7	11
107	6	-19.1
444	1.26	46
157	-34	-120

