

Table1: SAPP EXISTING GENERATION STATIONS – 2015/16

SAPP UTILITY GENERATION MIX , MW															
Technology / Utility	BPC	EDM	ENE	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO	LHPC	HCB	Total
Baseload hydro		498	1,528	351	2,000	74	348	61	2,442	717	750	2,107	49	2,075	13,000
Coal	732		492		35,721		132	9			1,295				38,381
Nuclear					1,860					-					1,860
OCGT	160	-	190	1						585					936
Distillate		151			2,409		21			78		50			2,709
Wind					2,492										2,492
Solar CSP					600										600
Solar PV					1,821										1,821
Landfill					18										18
Biomass					42										42
Total	892	649	2,210	352	46,963	74	501	70	2,442	1,380	2,045	2,157	49	2,075	61,859

SAPP UTILITY GENERATION MIX , %															
Technology / Utility	BPC	EDM	ENE	ESCOM	Eskom	LEC	NamPower	SEC	SNEL	TANESCO	ZESA	ZESCO	LHPC	HCB	Total
Baseload hydro	0.0%	76.7%	69.1%	99.7%	4.3%	100.0%	69.5%	87.1%	100.0%	52.0%	36.7%	97.7%	100.0%	100.0%	21.0%
Coal	82.1%	0.0%	22.3%	0.0%	76.1%	0.0%	26.3%	12.9%	0.0%	0.0%	63.3%	0.0%	0.0%	0.0%	62.0%
Nuclear	0.0%	0.0%	0.0%	0.0%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%
OCGT	17.9%	0.0%	8.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	42.4%	0.0%	0.0%	0.0%	0.0%	1.5%
Distillate	0.0%	23.3%	0.0%	0.0%	5.1%	0.0%	4.2%	0.0%	0.0%	5.7%	0.0%	2.3%	0.0%	0.0%	4.4%
Wind	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.0%
Solar CSP	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
Solar PV	0.0%	0.0%	0.0%	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%
Landfill	0.0%	0.0%	0.0%	0.0%	0.04%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Biomass	0.0%	0.0%	0.0%	0.0%	0.09%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Graph 3: Average Electricity Tariff 2015/16

