

10 Year Cost: Solar VS Eskom Scenario

Solar Cost Including Vat	1,920,636.11									
Repayment Interest	13.00%	Repayment Period Months	84	Solar Monthly (Loan Repayment)	34,940					
Projected Eskom Annual Escalation Percentage		15								
Projected Percentage Power Remaining On Eskom, as Backup After Solar Installation				10						

	Year 1	Year2	Year3	Year4	Year5	Year6	Year7	Year8	Year9	Year10
Average KWh per day Usage	355	355	355	355	355	355	355	355	355	355
Projections to Continue with Eskom										
Rate per kWh from Eskom	3.50	4.03	4.63	5.32	6.12	7.04	8.10	9.31	10.71	12.31
Monthly Cost	37,772	43,438	49,953	57,446	66,063	75,973	87,369	100,474	115,545	132,877
Per Annum	453,264	521,254	599,442	689,358	792,762	911,676	1,048,427	1,205,691	1,386,545	1,594,527
									Total Cost (10 Years)	9,202,945
Projections Solar Installed										
Solar Monthly (Loan Repayment)	34,940	34,940	34,940	34,940	34,940	34,940	34,940			
Solar Per Annum(Loan Repayment)	419,282	419,282	419,282	419,282	419,282	419,282	419,282	0	0	0 2,934,972
Cost for Power Remaining on Eskom	45,326	52,125	59,944	68,936	79,276	91,168	104,843	120,569	138,654	159,453 920,294
Per Annum	464,608	471,407	479,226	488,217	498,558	510,449	524,124	120,569	138,654	159,453
									Total Cost:	3,855,266
Cumulative Savings with Solar Installed	-11,344	38,502	158,718	359,859	654,062	1,055,289	1,579,592	2,664,714	3,912,604	5,347,678
									Total Cost (10 Years)	5,347,678