

Pole mounted transformers projects utilising the Combi unit

Eskom Savings measured in – NPV, PI, IRR, MIRR

Information available on the Eskom Intranet.

Combi Unit Fuse	Material	Labour and Transport			Total Cost	Saving per	Overhead Rate	IDC	Total Cost (OVH & IDC	Evaluatio n period
	7200	2000			9200	25000	10%	1.76%	10134.84	5
	1558	200			1758	800	1936.64			
Combi Units		Trfr faults	Fuses	Faults						
195		212	291	967	R 2,539,856.04	R 6,073,600.00				
Feeder	Number of Combi Unit	Number of Faults	Number of Fuse	Number of Faults	Total Cost	Saving	NPV	PI	IRR	MIRR
BC	8	10	6	13	92698.56	260400	R 801,275.72	9.64	281%	79%
SDW	4	4	2	4	44412.64	103200	R 309,881.32	7.98	232%	73%
HSHV	9	12	0	0	91213.56	300000	R 938,710.73	11.29	329%	85%
HON	14	15	7	38	155444.24	405400	R 1,236,326.78	8.95	260%	77%
WMM	15	15	1	7	153959.24	380600	R 1,152,671.38	8.49	247%	75%
BMR	0	0	4	23	7746.56	18400	R 55,422.13	8.15	237%	73%
GHO	4	4	8	38	56032.48	130400	R 391,641.28	7.99	232%	73%
HRS	7	8	11	72	92246.92	257600	R 792,114.74	9.59	279%	79%
JADF	3	5	16	50	61390.76	165000	R 505,067.60	9.23	268%	78%
JAJA	8	8	20	66	119811.52	252800	R 748,071.35	7.24	210%	69%
PTRS	7	7	12	29	94183.56	198200	R 586,253.09	7.22	210%	69%
GAMO	5	7	19	71	87470.36	231800	R 708,317.81	9.10	265%	77%
GAAN	0	0	21	61	40669.44	48800	R 126,864.91	4.12	118%	51%
GATC	15	15	60	218	268221	549400	R 1,617,913.68	7.03	204%	68%
KGAM	16	19	13	53	187333.76	517400	R 1,588,942.33	9.48	276%	79%
SPVC	0	0	9	31	17429.76	24800	R 67,710.65	4.88	141%	57%
HTG	6	6	7	14	74365.52	161200	R 479,047.13	7.44	216%	70%
SKS	7	7	6	11	82563.72	183800	R 548,436.56	7.64	222%	71%
SLJ	5	5	6	10	62294.04	133000	R 394,305.73	7.33	213%	70%
SDO	15	15	19	51	188818.76	415800	R 1,238,656.31	7.56	220%	71%
SKI	5	6	6	15	62294.04	162000	R 493,865.08	8.93	260%	77%
SNR	0	0	4	15	7746.56	12000	R 33,450.41	5.32	153%	59%
SUE	11	11	13	32	136659.56	300600	R 895,324.58	7.55	219%	71%
VJ	0	0	1	2	1936.64	1600	R 3,556.29	2.84	78%	40%
VU	0	0	2	5	3873.28	4000	R 9,859.04	3.55	100%	47%
NKS	6	6	4	6	68555.6	154800	R 462,885.33	7.75	225%	72%
VRS	10	10	8	20	116841.52	266000	R 796,358.02	7.82	227%	72%
RRO	7	9	3	6	76753.8	229800	R 712,168.21	10.28	299%	82%
WGA	8	8	3	6	86888.64	204800	R 616,206.34	8.09	235%	73%

Combi Units	Trfr faults	Fuses	Faults	R 933,315.84	R 2,208,600.00
64	71	147	542		

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SDW	4	4	2	4	44412.64	103200	R 309,881.32	7.98	232%	73%
HON	14	15	7	38	155444.24	405400	R 1,236,326.78	8.95	260%	77%
BMR	0	0	4	23	7746.56	18400	R 55,422.13	8.15	237%	73%
GHO	4	4	8	38	56032.48	130400	R 391,641.28	7.99	232%	73%
HRS	7	8	11	72	92246.92	257600	R 792,114.74	9.59	279%	79%
JADF	3	5	16	50	61390.76	165000	R 505,067.60	9.23	268%	78%
GAAN	0	0	21	61	40669.44	48800	R 126,864.91	4.12	118%	51%
GATC	15	15	60	218	268221	549400	R 1,617,913.68	7.03	204%	68%
SLJ	5	5	6	10	62294.04	133000	R 394,305.73	7.33	213%	70%
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VJ	0	0	1	2	1936.64	1600	R 3,556.29	2.84	78%	40%
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RRO	7	9	3	6	76753.8	229800	R 712,168.21	10.28	299%	82%