

EXECUTIVE SUMMARY

TYPE OF INDUSTRY	ABRESIVE INDUSTRY
CONTRACT DEMAND	2400 KVA/ 9MW

SR NO	ENERGY SAVING SUGGESTION	ANNUAL SAVING IN Rs.	INVEST IN Rs.	PAYBACK PERIOD IN MONTHS
	ELECTRICAL SIDE			
1	Reduce pressure setting of all compressor.	100826	0	0.0
2	Replace un efficient fans.	1239000	600000	5.8
3	Replace the Electrical conventional lighting with Energy Efficient Lighting	1065000	1090000	12.3
4	Reduce the contract demand	335570	0	0.0
5	Install roof on electrical arc furnace	11439000	2500000	2.6
	TOTAL	14179396	4190000	3.5
	THERMAL SIDE			
1	Proper Brick Lining and insulation of Kiln	5133000	1344600	3.1
	TOTAL	5133000	1344600	3.1