

**ENERGY SAVING  
AT  
GLASS INDUSTRY (1250 KVA)**

**TOTAL  
ENERGY  
CONSULTANT**

SR NO	ENERGY SAVING SUGGESTION	ANNUAL SAVING IN Rs.	INVEST IN Rs.	PAYBACK PERIOD IN MONTHS
1	Make some motors in star connection	109000	Negligible	
2	Replace some unnecessary tube lights	129000	Negligible	
3	Inter-lock rotary printing tube lights	21000	Negligible	
4	Stop air leakages regularly	1593000	Negligible	
5	Install reciprocating ON-OFF compressor instead of screw compressor	141000	70000	6
6	Install inverter with pressure transducer on department compressor	296000	160000	6.5
7	Replace un efficient borewell pumps	576000	98000	2
8	Replace un efficient supply pump and change distribution	407000	160000	7.6
9	Replace un efficient ETP pumps	219000	105000	5.75
10	Install auto stop fresh water valve in all rotary m/c	354000	28000	1
11	Use recycling water in rotary screen wash and ash cooling purpose	286000	Negligible	
12	Stop running wash in jet m/cs	651000	Negligible	
13	Install inverter drive on jet pump	658000	280000	5.1
14	Install inverter drive on stenter' s C.F.	1200000	800000	8
15	Install inverter drive on Stormac' s C.F.	129000	90000	8.4
16	Install inverter drive on Zimmer' s C.F.	240000	360000	18
17	Inter-lock piling motor of jet	9000	Negligible	
18	Provide timer on Hydro Extruders	54000	8000	1.8
19	Replace electric heating by oil heating in Rotary screen exposing m/cs	360000	200000	6.7
	Total	7432000	2359000	3.8

