

List of energy efficiency measures in MSMEs with average investment & payback

Equipment category	Energy Efficiency Intervention	Investment (INR)	Payback Period (years)
1. Boiler	1. Boiler Replacement	25,00,000	0.44
	2. Solid – liquid – gaseous fuel conversion		
	3. Waste heat recovery / Heat exchanger to pre-heat feed water		
	4. Burner Replacement	2,50,000	1.14
	5. Combustion Air Pre-heater	5,00,000	0.66
2. Furnace	6. Furnace Replacement	11,50,000	0.67
	7. Solid – liquid – gaseous – electricity fuel conversion		
	8. Waste heat recovery / Heat exchangers to pre-heat charge/stock		
	9. Burner Replacement	2,50,000	1.14
	10. Combustion Air Pre-heater	5,00,000	0.66
3. Air compressor	11. High efficiency compressor	6,00,000	0.33
	12. High efficiency compressor with Efficient control mechanism	3,00,000	1.55
4. Motor	13. High efficiency motor	1,75,000	0.56
	14. VFD Control	2,00,000	0.28
5. Fan	15. High efficiency fan	75,000	1.22
	16. VFD Control	2,00,000	0.28
6. Pump	17. High Efficiency Pump	50,000	0.2
	18. VFD Control	2,00,000	0.28
7. Vertical Agitator	19. High efficiency Agitator	1,24,000	1.59
8. Refrigeration Compressor	20. High efficiency compressor	6,00,000	0.34
	21. VFD Control	3,00,000	1.55
9. Hot Air Generator	22. High efficiency HAG	2,75,000	1
	23. Solid – liquid – gaseous – electricity fuel conversion	2,75,000	1
	24. Waste heat recovery / Heat exchanger to pre-heat inlet air	2,75,000	1
	25. Burner replacement	2,50,000	1.14
	26. Combustion Air Pre-heater	5,00,000	0.66