

BEE SME PROGRAMME



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Status of work

- Situation analysis completed in selected 35 SME clusters
- Energy audit and technology gap assessment complemented in 25 SMEs clusters
- 260 DPRs on energy efficient technologies prepared.
- Peer-review of DPRs in progress by ISTSL.
- National level LSP workshop for 25 SME clusters completed.
- Information Dissemination workshop in 24 SMEs clusters completed.
- BEE-CII joint awareness workshop under in 19 SMEs clusters completed.
- Implementation of SGA in 3 clusters.
- Facilitation of implementation in SMEs cluster initiated

Summary of Results

- 1250 comprehensive Energy Audits.
- Total energy consumption in selected 25 clusters is estimated to be about 5.6 MTOE.
- Energy saving potential of 0.82 MTOE in 25 SMEs clusters which is 15% of the total energy consumption.
- Total energy saving potential is estimated to be Rs.1400 Cr in 25 SMEs clusters
- Total investment required to achieve the saving is estimated to be Rs. 3388 Cr in 25 SMEs clusters
- Simple payback period is estimated to 2.4 years only
- 25% subsidy (maximum up to Rs. 10 Lakh) is available from MoMSME under Technology Up gradation Programme

Cluster wise Summary

S No	Cluster	Type of Cluster	No of Audit Done	Total Energy Consumption (TOE)	Saving Potential (TOE)	Total Investment (Rs. Lakhs)	Total Savings (Rs. Lakh)
1	Morbi	Ceramic	75	1249221	23105	5306	3295
2	Bhubaneswar	Brass	30	2479	439	182	177
3	Solapur	Textile	51	16647	4460	22260	6827
4	Surat	Textile	75	1289039	154025	54010	24590
5	Pali	Textile	75	315254	45618	6510	7646
6	Varanasi	Brick	91	69238	42075	13782	3855
7	Warangal	Rice Milling	60	24958	14287	9640	2369
8	Ahmedabad	Chemical	75	263140	72342	16784	8442
9	Jamnagar	Brass	75	66775	8005	4563	4064
10	Jagadhri	Brass & Aluminium	42	32090	7339	2823	2160
11	Jorhat	Tea	30	79629	11756	5179	2535
12	Muzaffarnagar	Paper	20	102645	9742	1162	1113
13	Bhimawaram	Ice Making	30	3971	197	313	80
14	Howrah	Galvanizing & Wire Drawing	30	1618	323	1695	1130
15	Vellore	Rice Milling	30	115562	22629	3394	2263
16	Ganjam	Rice Milling	60	1248	349	52	35
17	Bangalore	Machine Tools	30	2035	309	11376	2664
18	Orissa	Sponge Iron	30	734062	152885	31355	21966
19	Gujarat	Dairy	22	9349	4204	9409	2825
20	Alwar	Oil Mills	50	1600	167	190	96
21	BJL	Foundry	65	2408	7180	870	718

Way Forward

- Capacity Building Programme for Bankers and Financial Institutions
- Awareness and dissemination of technologies (DPRs) through SDAs
- Facilitation for Implementation
- Implementation of SGA in Textiles and Paper sector.
- Development of new financial mechanism and subsidy schemes for identified energy efficient technologies in SMEs
- Impact analysis for assessment of implementation programme

For More Information

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Thank You