

**PENETRATION LEVEL OF ENERGY EFFICIENT TECHNOLOGIES IDENTIFIED  
UNDER  
BEE SME PROGRAMME  
(Ahmedabad Chemical Cluster)**

**a. Cluster Background**

Sl. No.	Particulars	Value
1	No. of Units, Numbers	750
2	Total Energy Consumption, toe	263140
3	Energy Saving Potential, toe	72342

**b. Energy Efficient Technologies Identified**

S No	Proposed Technology	Document ID	Monetary Savings (in Rs. Lakhs)	Investment (in Rs. Lakhs)	Penetration Level (in number of units)	Total investment required (in Rs. Lakhs)
1	Energy Efficient Wood Fired Hot Air Generator - 30,000 Kcal/hr	AMD/CHM/HAG/01	1.39	3.03	170	515.1
2	Energy Efficient Wood Fired Hot Air Generator - 60,000 Kcal/hr	AMD/CHM/HAG/02	3.2	4.29	102	437.6
3	Energy Efficient Wood Fired Hot Air Generator - 1,20,000 Kcal/hr	AMD/CHM/HAG/03	6.3	4.95	68	336.6
4	Gas Fired Energy Efficient Hot Air Generator - 30,000 Kcal/hr	AMD/CHM/HGG/04	0.76	2.5	133	332.5
5	Gas Fired Energy Efficient Hot Air Generator - 60,000 Kcal/hr	AMD/CHM/HGG/05	1.36	3.19	80	255.2
6	Gas Fired Energy Efficient Hot Air Generator - 1,20,000 Kcal/hr	AMD/CHM/HGG/06	3.88	3.96	52	205.9
7	Membrane Filter Press - 40 Plates	AMD/CHM/MFP/07	7.26	24.2	140	3388.0
8	Membrane Filter Press - 60 Plates	AMD/CHM/MFP/08	16.29	37.29	85	3169.7
9	Energy Efficient Agitator System - 6,000 Litre	AMD/CHM/EAS/09	0.81	1.25	368	460.0
11	Energy Efficient Agitator System - 32,000 Litre	AMD/CHM/EAS/10	3.87	4.61	157	723.8
10	Hybrid Solar Tray Dryer - 96 Trays	AMD/CHM/HSD/11	2.89	8.01	65	520.7
12	Hybrid Solar Tray Dryer - 200 Trays	AMD/CHM/HSD/12	6.04	13.46	35	471.1
13	Energy Efficient Tray Dryer - 96 Trays	AMD/CHM/ETD/13	1.69	3.86	175	675.5
14	Energy Efficient Tray Dryer - 200 Trays	AMD/CHM/ETD/14	3.54	5.69	100	569.0
15	Energy Efficient Tray Dryer - 400 Trays	AMD/CHM/ETD/15	7.08	11.39	25	284.8
<b>Total investment required for energy efficiency interventions in Ahmedabad (Chemical) Cluster</b>						<b>12345.3</b>

S.No.	Name of Unit	Address	Contact Person
1	Bajaj Col Chem, Ahmedabad	C-1/89/12, Phase-1, GIDC, Vatva, Ahmedabad-382445	Anand Swarup Bajaj
2	Amardeep Dyes & Intermediates Ltd.,	290-291, Phase-II, GIDC, Vatva, Ahmedabad-382445	Mansukbhai & Others
3	Aarti Organics, Ahmedabad	273/1/3, Phase-II, GIDC, Vatva, Ahmedabad-382445	Mukesh Patel
4	ADCON Products Pvt. Ltd., Ahmedabad	Plot No. 1707, Phase-III, GIDC, Vatva, Ahmedabad	Amrish Goel
5	AK Industries, Ahmedabad	1315, Phase-III, GIDC, Vatva, Ahmedabad-382445	Hasmukh Patel
6	Ami Pigments Pvt. Ltd., Ahmedabad	627, Phase-IV, GIDC, Vatva, Ahmedabad-382445	Raju Patel
7	Ami Pharma, Ahmedabad	C-1/394, Phase-II, GIDC, Vatva, Ahmedabad-382445	Kamlesh Shah
8	Amardeep Pigments, Ahmedabad	C-1/69, Phase-II, GIDC, Vatva, Ahmedabad-382445	Bharat Patel
9	Amtex Dye Chem Industries	281-282, Phase-II, GIDC, Vatva, Ahmedabad-382445	Yudhishthir Gohil
10	Associated Dyestuff Pvt. Ltd. Unit No. 1	A-1/5, Phase-I, GIDC, Vatva, Ahmedabad-382445	Viral Shah
11	Associated Dyestuff Pvt. Ltd. Unit No. 2,	A-1/5, Phase-I, GIDC, Vatva, Ahmedabad-382445	Viral Shah
12	Bharat Colour Chem, Ahmedabad	81/A/1, Phase-1, GIDC, Vatva, Ahmedabad-382445	Paresh Patel
13	Choksi Colours Pvt. Ltd., Ahmedabad	321-322, Phase-II, GIDC, Vatva, Ahmedabad-382445	Jatin Shah
14	Choksi Organics Pvt. Ltd., Ahmedabad	320/1, Phase-II, GIDC, Vatva, Ahmedabad-382445	Jatin Shah
15	Dipen Organics Pvt. Ltd., Ahmedabad	C-1/B 135, Phase-II, GIDC, Vatva, Ahmedabad-382445	Snehal Patel
16	Cosmos Dye-Chem Pvt. Ltd., Ahmedabad	363-364, Phase-I, GIDC, Vatva, Ahmedabad-382445	Dinesh Patel
17	INO Chemical Industries, Ahmedabad	Plot No. C/89/1, Phase-I, GIDC, Vatva, Ahmedabad-382445	Deepak Shah
18	Jainik Industries, Ahmedabad	605-A, Phase-IV, GIDC, Vatva, Ahmedabad-382445	Raman Patel
19	Khyati Chemicals Pvt. Ltd., Ahmedabad	242B,243,244,245,Phase-II, GIDC, Vatva, Ahmedabad-382445	Madan Sancheti
20	Kumar Dyes, Ahmedabad	C-1/B 386,397, Phase-II, GIDC, Vatva, Ahmedabad-382445	Jardosh
21	Manish Chemicals, Ahmedabad	380-381, Phase-II, GIDC, Vatva, Ahmedabad-382445	Ashwin Patel
22	OBA Speciality Chemicals, Ahmedabad	61-62, Phase-II, GIDC, Vatva, Ahmedabad-382445	Amrish Patel
23	Om Industries, Ahmedabad	C-B-395, Phase-II, GIDC, Vatva, Ahmedabad-382445	Vijay Patel
24	Orjet Intermediates Pvt. Ltd., Ahmedabad	C-1/B-130, Phase-II, GIDC, Vatva, Ahmedabad-382445	Roshan Lal Jain
25	Prince Industries, Ahmedabad	1506, Phase-III, GIDC, Vatva, Ahmedabad-382445	Haiderali Jafarbhai Makhani
26	Roshan Dyes & Intermediates Ltd.,	115-116-117-118-123, Phase-1, GIDC, Vatva, Ahmedabad-382445	Bhikhubhai Patel
27	Shreem Industries, Ahmedabad	C-1, Plot nos. 12, 13, Phase-1, GIDC, Vatva, Ahmedabad-382445	Gopal Shah
28	SMC Industries, Ahmedabad	C-1/B 135, Phase-II, GIDC, Vatva, Ahmedabad-382445	Jatin Shah
29	United Chemie, Ahmedabad	A-1/27, Phase-II, GIDC, Vatva, Ahmedabad-382445	J.P. Goenka
30	Ushanti Colour Chem Pvt. Ltd., Ahmedabad	88/6, 88/7, 88/8, Phase-I, GIDC, Vatva, Ahmedabad-382445	Minku Gandhi
31	Bansari Industries, Ahmedabad	Plot No. 65/1/B, Phase-2, GIDC, Vatva, Ahmedabad	Piyush B. Gajera
32	Balaji Industries, Ahmedabad	Plot No. 1512, Phase-II, GIDC, Vatva, Ahmedabad-382445	Pankaj Bhai
33	Benzo Products (India) Pvt. Ltd., Ahmedabad		Ramesh Patel
34	Jayshree Enterprises, Ahmedabad	Plot No. 288/1, Phase-II, Opp. Vatva Rly Station, Vatva, Ahmedabad-382445	Naresh Monga
35	Jain Industries, Ahmedabad	Plot No. 1216, Phase-I, GIDC, Vatva, Ahmedabad	S.C. Damani
36	Bhavin Industries, Ahmedabad	Plot No. 1509, Phase-II, GIDC, Vatva, Ahmedabad	Bhavin Bhai
37	Akash Dyes and Intermediates, Ahmedabad		Ajay Patel
38	Gaurav Industries, Ahmedabad	Plot No. C-1/1212-1213-1214, Phase-IV, Behind Gayatri Temple, GIDC Estate, Naroda, Ahmedabad	Prashant Gupta

S.No.	Name of Unit	Address	Contact Person
39	Bhodai Group of Industries, Unit-1, Ahmedabad	Phase-II, GIDC, Vatva, Ahmedabad	M.K. Roy
40	Shanghai Colour Chem, Ahmedabad	Plot No. C-1/88/5, Phase-I, GIDC, Vatva, Ahmedabad-382445	Girish Patel
41	Prashanth Dyes, Ahmedabad	Plot No. 2112, Phase-III, GIDC, Vatva, Ahmedabad-382445	Prashant Bhai
42	Parshwanath Colour Chem, Ahmedabad	Plot No. 1208, Phase-II, GIDC, Vatva, Ahmedabad-382445	Girish Patel
43	Meghachem Industries, Ahmedabad	Plot No. 8, Phase-II, GIDC, Vatva, Ahmedabad	S.C. Damani
44	Matangi Industries, Ahmedabad	Plot No. 28, Phase-I, GIDC, Vatva, Ahmedabad-382445	Ruchith Jani
45	Kailash Chemicals Unit 1 & Unit 2, Ahmedabad	191, Phase-II, GIDC, Vatva, Ahmedabad-382445	Harish Patel
46	J Dye Chem, Ahmedabad	Plot No. C-1/1516, Phase-III, GIDC, Vatva, Ahmedabad	Harish Patel
47	Vibfast Pigments Pvt. Ltd., Ahmedabad	Plot No. C-1/91/6, Phase-1, Behind Bank of India, GIDC, Vatva, Ahmedabad	Amol Suryawanshi
48	Varahi Chemicals, Ahmedabad	C-1, 91/5, Phase-I, GIDC Estate, Vatva, Ahmedabad-382445	Jayesh Patel
49	Sulabh Industries, Ahmedabad	191, Phase-II, GIDC, Vatva, Ahmedabad-382445	Manish Bhai
50	Sudish Industries, Ahmedabad	Opp. Patel Alloy Steel, Plot No. 191, Phase-I, GIDC, Vatva, Ahmedabad-382445	Subhash Patel
51	Standard Dyechem, Ahmedabad	Plot No. C-1/5516, Phase-III, GIDC, Vatva, Ahmedabad-382445	Manish Bahi
52	S.M. Dye Chem Industries, Ahmedabad	Plot No. 288/1, Phase-II, Opp. Vatva Rly Station, Vatva, Ahmedabad-382445	Manish Shah
53	Shankar Chemicals, Ahmedabad	Plot No. 48, Phase-II, GIDC, Vatva, Ahmedabad-382445	Kanthi Bhai
54	Aishwarya Chemicals, Ahmedabad	263, Phase-II, GIDC, Vatva	Mukesh Patel
55	DL Intrachem, Ahmedabad	DL Intrachem, C-1/5518, Phase-III, GIDC, Vatva, Ahmedabad-382445	Dhirubhai Thumar
56	Jayvir Chemical, Ahmedabad	3414, Phase-IV, GIDC, Vatva, Ahmedabad	Nattubhai R. Patel
57	Yash Chemex Inc, Ahmedabad	Plot No. 457, Phase-II, GIDC Estate, Vatva, Ahmedabad-382445	Pardya Paresh
58	R.K. Industries, Ahmedabad	Plot No. , Phase-II, GIDC, Vatva, Ahmedabad-382445	Kaushik Bhai
59	Ankur Industries	Phase-II, GIDC, Vatva, Ahmedabad-382445	Kaushik Bhai
60	Bhagwathi Industries, Ahmedabad	1291, Phase-II, GIDC, Vatva, Ahmedabad-382445	
61	Gayatri Industries, Ahmedabad	Plot No. 1-5620, Phase II, Near Metro Chem, GIDC, Vatva, Ahmedabad-382445	Vasant Patel
62	Nemichem Industries, Ahmedabad	Plot No. 1/5636, Phase-2, GIDC, Vatva, Ahmedabad	Darshan Shah
63	Rasayanam Industrial Products, Ahmedabad	Plot No. 5501/A, Phase-III, GIDC, Vatva, Ahmedabad-382445	Sanjay Padia
64	KPCL Industries, Ahmedabad	Plot No. 3205, Phase-IV, GIDC, Vatva, Ahmedabad	Ramesh Bhai
65	JB Industries, Ahmedabad	191, Phase-II, GIDC, Vatva, Ahmedabad-382445	Jatin Patel
66	Nisha Colour Chem Pvt. Ltd., Ahmedabad	Plot No. 2104, Phase-III, GIDC, Vatva, Ahmedabad-382445	Mohanbhai Jodhani
67	Aashirwad Industries, Ahmedabad	Plot No. 1503, Phase-III, GIDC, Vatva, Ahmedabad-382445	Ripul Bhai