


FORM IV
(Refer regulation 7(2))
Bureau of Energy Efficiency
REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED
ENERGY AUDITORS

Serial Number (AEA - 0079)		As on:- 26 February, 2013	
A.			
1	Name of energy auditor	Baskaran. G	
2	Father's name	Govindarassan. N	
3	Date of certification as Energy Manager (or Energy Auditor, pl specify)	20.12.2007. as Energy Auditor	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	20-12-2007	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-7490	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	2997	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	Schneider Electric India Pvt. Ltd.	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Private	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	<p>Dr. Satish Kumar Energy Efficiency Ambassador and Vice President - Energy Management Services</p> <p>Address: Schneider Electric India Pvt. Ltd. 9th Floor, DLF Building No.10, Tower C, DLF Cyber City, Phase II, Gurgaon -122002, Haryana</p> <p>Phone: ++91-124-3940-400 ext. 439 Fax: ++91-124-4222-036 Mobile: + +91-98180-75006 Email: satish.kumar@schneider-electric.com</p>
12	Professional postal address with Pin Code of the accredited energy auditor	<p>Schneider Electric India Pvt. Ltd. No.44P. Phase –II, East, Hosur Road, Electronic City. BANGALORE – 560 100 Tel No.080-39102730 / 31 / 32 / 33 / 34, Fax No. 080-39102735.</p>
13	E-mail address	<p>baskaran.govindaraasan@schneider-electric.com, g.baskaran@gmail.com</p>
14	Telephone numbers. with STD Code (R) (O) Mobile no:	<p>(R) = +91 9611800862 (O) = Tel No.080-39102765 Mobile No : +91 9611800862</p>
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1995
16	Year of commencement of energy audit of the firm	2002
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<p>Yes.</p> <p>1: ISO Certificate: Certificate no: 195153-15-UK, valid from 22—08-08 to 30-07-2014</p> <p>2. OHSAS Certificate no: of-HK 10023-15, valid from 26-07-11 to 30-07-2011</p> <p>3.ISO 9001: 2008 Certificate no: 195152-18-UK, valid from 22—08-08 to 30-07-2014</p>

<p>18</p>	<p>No. of branch offices</p> <p>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)</p>	<p>38</p> <p>Corporate Office: Delhi</p> <p>Schneider Electric India Pvt. Ltd. Energy Management Services 9 floor, DLF Building, 10, Tower C, DLF Cyber city, Phase II, Gurgaon, Haryana 122 002</p> <p>Dr. Satish Kumar Energy Efficiency Ambassador and Vice President - Energy Management Services Phone: ++91-124-3940-400 ext. 439 Fax: ++91-124-4222-036 Mobile: + +91-98180-75006 Email: satish.kumar@schneider-electric.com Site: www.schneider-electric.com</p>
	<p>Branch Office: Bangalore</p> <p>Schneider Electric India Pvt. Ltd. Energy Management Services #44P,Electronic City East Phase, Hosur Road, Bangalore 560 100</p> <p>Mr. Vijayarengamani R Associate General Manager -Energy Efficiency Audits & Consulting Phone: +91 80 39102767 Fax: +91 80 39102735 Mobile: +91 9566656574 Email: vijayarengamani.ramalingam@schneider-electric.com Site: www.schneider-electric.com</p> <p>Branch Office: Bangalore Schneider Electric India Pvt. Ltd. Energy Management Services 4th Floor, Electra, Wing 'A' Exora Business parks, Marathahalli, Sarjapur Outer Ring Road, Bangalore - 560 103</p> <p>Mr. Abraham Varughese General Manager, Energy Management Services Phone: 080 43333333 Fax: 080 43332323 </p>	<p>Branch Office: Kolkatta</p> <p>Schneider Electric India Pvt. Ltd. Energy Management Services Sugam Business Park ,4th & 5th Floors ,Plot-J6, Block-GP,Sector-V, Salt Lake city,Kolkata-700 091</p> <p>Mr. Laxmidhar Sutar Sr.Manager Phone: +913339404000 ext. 632 Fax: +913330248686 Mobile: +919831556693 Email: laxmidhar.sutar@schneider-electric.com Site: www.schneider-electric.com</p> <p>Branch Office: Mumbai</p> <p>Schneider Electric India Pvt. Ltd. Energy Management Services Unit No.1141/42, Building no.11, 4th Floor, Solitaire Corporate Park, Andheri Kurla Road, Chakala, Andheri (E), Mumbai-400059, India</p> <p>Mr. Mangesh Mayekar Deputy Manager Phone: +91 22 3940 400 Toll Free: +18004250555 Fax: +91 22 3073 8800</p>

	<p>Mobile: +91 98454 71135 Email: abraham.varughese@schneider-electric.com Site: www.schneider-electric.com</p>	<p>Mobile: +9892068611 Email: mangesh.mayekar@schneider-electric.com Site: www.schneider-electric.com</p>
C	Details of Associated Energy Experts	
19	Number of resource persons available	37
(I)	Number . of full-time energy auditors in position with work experience of all energy auditors associated with the firm	37
	<p>1. Mr. Abraham Varughese General Manager, EM Services</p> <p>Qualification: B.Tech in Electrical Engineering, MBA, DIS, AMIE, MIIPE</p> <p>Experience: 21 Years experience in Detailed Energy Audits, Safety Management and Energy Management etc. Carried out more than 500 Comprehensive Consultancy assignments in energy management in various industries in India and abroad</p> <p>Sectors: Textile, Sugar, Paper and Pulp, Steel, Pharmaceutical, Buildings, Automobile, Brewery, Food Processing, Thermal Power Plants, Chemical, Hotel, Hospital, Engineering</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 0079)</i></p> <p>2. Mr. M Bhaskar General Manager, EM Services</p> <p>Qualification: B. E in Mechanical Engineering</p> <p>Experience: 18 years Experience in Boilers and their related Systems, System Design, Application Engineering, Pumping Systems Evaluation, Air-conditioning for both industrial and hospitality industries and Refrigeration, Cogeneration.</p> <p>Carried out about 350 comprehensive assignments in across various industries in</p>	<p>16. Mr. Jayaraj Dayanidhi Asst. Manager, EM Services</p> <p>Qualification: B E in Mechanical Engineering . M.E in Energy</p> <p>Experience: 4 Years experience in Energy audits conducted 50 Comprehensive energy audits in Industrial and Commercial complexes in India and abroad</p> <p>Sectors: Thermal Power Plants, Pharmaceuticals, Hotel, Beverages, Iron & Steel, Automobile, Refinery, FMCG, Municipality, Tea, Tyre, Buildings</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA11737)</i></p> <p><i>LEED Green Associate, US Green Building Council</i></p> <p>17. Mr. Biyas. B. Asst. manager – EM Services</p> <p>Qualification: M Tech in Energy management. B. Tech in Mechanical Engineering</p> <p>Experience: 4 years experience in Energy Audits, conducted 50 Comprehensive energy audits in Industrial and Commercial complexes in India and abroad</p> <p>Sectors: Buildings, Tyre, IT, Iron & Steel, Pharmaceuticals, Electronics, Textiles, Power plant, FMCG, foundry & Refractories,</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India EA12557</i></p>

<p>India and abroad</p> <p>Sectors: Textiles, Cement, Thermal Power Plants, Buildings, Steel, Sponge Iron, Paper and Pulp, Chemical, Data Centers, Hotels, Hospitals, Aluminum, Automobile, Pharmaceutical, Refineries, Food Processing, water & waste Water, Highways, Telecom <i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 0086)</i></p> <p><i>Certified CMV Professional by EVO & AEEE</i></p> <p>3. Mr. Vijayarengamani AGM, EM Services</p> <p>Qualification: B Tech in Production Technology.</p> <p>Experience: 18 years experience in Energy audit and in Cement industry. Carried out at about 120 comprehensive assignments in across various industries in different countries in India and abroad.3 years experience in Cement Industry</p> <p>Sectors : Cement, Steel, Aluminum, Refinery, Port, Textile, Buildings, Paper and Pulp, Chemical, Rayons, Pharmaceutical, Thermal Power Plants, Tyre, Mines, Automobile, Brewery, Beverages, Engineering, Hotels, Hospitals</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1079)</i></p> <p>4. Mr. Upendra Pratap Singh Sr. Manager, EM Services</p> <p>Qualification: B E in Mechanical engineering and M Tech in Energy Studies</p> <p>Experience: 13 years experience in Energy audit and clean development mechanism in various industries. Carried out at about 200 comprehensive assignments in across various industries in different countries in India and abroad. 10 years experience in Textiles</p> <p>Sectors: Municipal Water Pumping,</p>	<p>18. Ranjeet Kumar Engineer- EM Services</p> <p>Qualification: B.E in Mechanical Engineering</p> <p>Experience: 2.8 year experience in Energy audits. conducted 30 comprehensive audits in Industrial and Commercial complexes</p> <p>Sectors: Mine, Engineering, food processing, chemicals, Municipality, AgDSM, Power Plant, Plastics, Buildings, FMCG, tyre, Cement</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India EA14123)</i></p> <p>19. Srinath Narasimman Asst Manager- EM Services</p> <p>Qualification: B.E in Electrical& Electronics Engineering</p> <p>Experience 3 Year experience in Electrical distribution and design, 3 Year experience in Energy audits, conducted 27 Energy audits and 38 power quality audits</p> <p>Sectors: Pharmaceuticals, Beverages, Engineering, Municipality, Buildings, Highways, Sugar, Hotel, Aluminum, MSC Sites,</p> <p>20. G. Baranitharan Sr. Engineer – EM Services</p> <p>Qualification: B.E. in Electrical Engineering</p> <p>Experience: 4 Years experience in energy audit and compressed air audits. Conducted 20 detailed energy audits and 120 compressed air audits</p> <p>Sectors: Automobile, MUDSM, Foundry & refractory, Buildings, Pharmaceuticals, IT , Hospital, FMCG, electronics, Engineering</p> <p>21. Mr. Santanu Mondal Asst. Manager – EM Services</p> <p>Qualification: B. E in Electrical Engineering, PG Diploma in Transmission & distribution</p> <p>Experience: 3 Year experience in Energy Audits, conducted 40 Energy audits , out of which 22 are power plants & 10 Power quality audits, 1 year</p>
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<p>Buildings, Thermal Power Plants, Steel, Chemicals, Pharmaceuticals, Textiles, Cement, Paper and Pulp, Battery, Railways, Residential, Automobile, Telecom, Rubber, Tyre, Engineering, Chlor Alkali</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 0232)</i></p> <p><i>Certified CMV Professional by EVO & AEEE</i></p> <p>5. Mr. Laxmidhar Sutar Sr. Manager, EM Services</p> <p>Qualification: A M I E in Electrical Engineering</p> <p>Experience: 12 Years experience in Energy audits and conducted about 150 comprehensive assignments in Industrial and Commercial complexes in India and Abroad. 25 Power Plant audits .7 years experience in Studies and implementation in textile mills</p> <p>Sectors: Jute Mills, Thermal Power Plants, Textile, Chemicals, Refractory, Cement, Sponge Iron, Buildings, Food Processing, IT, Railways, Cables, Automobile, Carbon, FMCG, Automobile, Engineering, Pulp and Paper, iron & steel</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1853)</i></p> <p>6. Mr. Baskaran G Manager, EM Services</p> <p>Qualification: B. Tech in Mechanical Engineering; M Tech in Energy Technology</p> <p>Experience: 5 Years experience in Energy audits and conducted about 60 comprehensive assignments in Industrial and Commercial complexes in India and abroad</p> <p>Sectors: Refinery, Cement, Aluminum, Thermal Power Plants, Buildings, Municipalities, Engineering, Pharmaceuticals, Port, Carbon, IT, Rice Mills, Automobile, Food Processing, Brewery, FMCG, Chlor Alkali, Tea</p>	<p>experience in Networks</p> <p>Sectors: Thermal Power Plants, Food Processing, Tobacco, Iron & steel, Textiles, Municipality, Buildings, Pharmaceuticals, IT, Hospital, FMCG, Ship Builders, Bank, Telecom, Mines,</p> <p>22. Sheetal Kamra Sr.Engineer- EM Services</p> <p>Qualification: B. Tech in Electrical</p> <p>Experience: 3 Year experience in Energy audits , conducted 35 Energy audits and 15 Power quality audits & 4 Thermal Imaging study in Industrial and Commercial complexes</p> <p>Sectors: Building, Cement, Municipality, Ag DSM Telecom , Thermal Power plant, Automobiles, textiles, Highway, Engineering, FMCG, Chemicals</p> <p>23. Pramod Bokade Asst. Manager – EM Services</p> <p>Qualification: M.Tech (Energy Management), B.E (Mechanical Engineering)</p> <p>Experience: 4.5 years of Industrial experience, with an energy audit experience of about 3 years conducted 33 energy audits</p> <p>Sectors: Printing Building, food processing, Hotel, FMCG, Telecom, Rayon</p> <p>23. Pradeep Kumar Singh Sr. Engineer- EM Services</p> <p>Qualification: B.E in Mechanical Engineering</p> <p>Experience: 3.5 Year experience in Energy audits, conducted 55 comprehensive audits in Industrial and Commercial complexes in India & abroad</p> <p>Sectors: Building, Cement, Municipality, Ag DSM, Telecom, Thermal Power plant, Automobiles, Textiles, Engineering, FMCG, chemicals</p> <p>24. Rahul Mahajan Sr. Engineer- EM Services</p> <p>Qualification: M. Tech in Energy management, B.E in Mechanical Engineering</p>
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<p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 7490)</i></p> <p><i>Certified CMV Professional by EVO & AEEE</i></p> <p>7. Mr. Benet George Manager, EM Services</p> <p>Qualification: AMIE , MTech in Energetics</p> <p>Experience: 4 years Industrial Experience and has conducted 50 comprehensive energy audits in India and abroad</p> <p>Sectors:Hotel, Refinery, Textile, Buildings, Ports, Steel, Cement, Automobile, Pharmaceutical, Food Processing, IT, Power Plants, Mines, Aluminum, Municipality, Hotel, Chemicals, FMCG , Tea</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 6737)</i></p> <p><i>Certified CMV Professional by EVO & AEEE</i></p> <p>8. Mr. Raghavendra Rao. L Sr. Manager, EM Services</p> <p>Qualification: Diploma In Electrical Engineering</p> <p>Experience: 6 Years experience in condition monitoring, harmonic analysis,Power quality& Power audits etc. Specializing in harmonic analysis, design, installation and commissioning of harmonic filters Conducted about 250 power quality studies, 25 datacenter Power audits & 30 thermal imaging studies and in India and abroad.</p> <p>Sectors:Hotel, Textile, Buildings, Steel, Cement, Automobile, Pharmaceutical, Food Processing, IT, Power Plants,Hotel, Chemicals, FMCG , Naval ship, tobacco, Sugar, Ceramics, tyres, breweries, Dairy, foundry & forging, Glass, printing, plastics, Engineering</p> <p>9. Srijit Mukherjee Manager – EM Services</p> <p>Qualification: B.E in Mechanical</p>	<p>Experience: 3 year experience in Energy audits. Conducted 47 comprehensive audits in Industrial and Commercial complexes</p> <p>Sectors: Building, Cement, Municipality, Ag DSM, Telecom, Thermal Power plant, Automobiles, Textiles, Engineering, FMCG, chemicals</p> <p>25. Afshan Mahmood Basti Engineer – EM Services</p> <p>Qualification: B.E in Mechanical Engineering</p> <p>Experience: 2.5 year experience in Energy audits, conducted 31 comprehensive energy audits & 4 Power quality audits in Industrial and Commercial complexes</p> <p>Sectors: Municipality, Automobiles, water & waste water, Building, FMCG, Electronics, IT, Pig iron, Hospitality, Cement Thermal Power plant,</p> <p>26. Gideon Zadok Solomon, Engineer- EM Services</p> <p>Qualification: B. Tech in Energy Environmental Engineering</p> <p>Experience: 2 year experience in Energy audits, conducted 22 comprehensive energy audits & one thermal imaging study & 4 assessment studies in Industrial and Commercial complexes</p> <p>Sectors: Municipality, Plastics, Hospitality, Cement Thermal Power plant, Pharmaceuticals, Foundry & refractory, MSC sites, IT</p> <p>27. Sudipta Paul, Engineer- EM Services</p> <p>Qualification: B-Tech (CS), PG Diploma in Energy Management from IISWBM, Kolkata</p> <p>Experience: 1.5 year experience in energy audits, conducted 24 comprehensive audits in Industrial and Commercial complexes & Power plants</p> <p>Sectors: Mine, Thermal Power plant, Iron & steel, Textiles, food processing, Textiles, Building, IT</p> <p>28. Ashwini Mahato Sr. Engineer -EM Services</p>
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<p>Engineering. PG certification in energy management from IISWBM, Kolkata</p> <p>Experience: 4.9 Years experience in Energy audits and conducted about 100 comprehensive assignments in Industrial and Commercial complexes in India and Abroad. 1.5 years experience in energy efficient designing & execution of HVAC System in Commercial Buildings</p> <p>Sectors: Hotel, Jute mill, Buildings, IT , Power plants, Food processing, Textiles, Tyre</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India EA8376</i></p> <p>10. Ankush Sharma Sr. Engineer – EM Services</p> <p>Qualification: B.Tech in Electrical Engineering MBA in Energy Management.</p> <p>Experience: 2 Years of Industrial experience in Operation & Maintenance in Automobile Industry.1 Year of experience as a Consultant in Clean Development Mechanism (Under Kyoto Protocol) and REC (Renewable Energy Certificates).Conducted 23 energy audits, 2 Power quality audits and one thermal imaging</p> <p>Sectors: Building, Pharmaceuticals, Power plant, Automobiles, FMCG, IT, Textiles, Engineering,</p> <p>11. Mr. Karthik. S.P Dy. Manager, EM Services</p> <p>Qualification: B E in Mechanical Engineering, ME in Thermal engineering,</p> <p>Experience: 3 Years experience in Energy audits and conducted about 36 comprehensive assignments in Industrial and Commercial complexes in India and Abroad. One year experience in CFD Simulation</p> <p>Sectors: Building, Pharmaceuticals, Power plant, Automobiles, Foundry & refractories, Fertilizers, Steel, Tyre, Cement</p>	<p>Qualification: B.Tech in Mechanical Engineering. PGDM in Energy Management</p> <p>Experience: 1.5 year experience in Energy audits. Conducted 31 comprehensive audits in Industrial and Commercial complexes & Power plants</p> <p>Sectors: Thermal Power plant, Iron & steel, Textiles, food processing, building, IT</p> <p>29. Rahul Kolhe Sr. Engineer– EM Services</p> <p>Qualification: B.Tech in Agriculture Engineering. M Tech in Energy Management</p> <p>Experience: 1.8 years experience in Energy audits. Conducted 34 comprehensive energy audits in Industrial & commercial complexes</p> <p>Sectors: Engineering, Building, Pharmaceuticals, Thermal Power plant,</p> <p>30. Sushil Nayak Asst. Manager – EM Services</p> <p>Qualification: B.E Electrical & Electronics</p> <p>Experience: 5 years in Power system studies ; Consultant to transmission planning for utilities & Industries.8 Months experience in Power / power quality/ safety audit Conducted around 12 Power audits, 3 Power quality audits and one safety audit</p> <p>Sectors: Automobile, Building, Engineering, IT, Datacenter, MSC</p> <p>31. Priyank Bajpai, Sr. Engineer – EM Services</p> <p>Qualification: B.E in Mechanical Engineering. PG certification in energy management from NPC Chennai</p> <p>Experience: 2.5 years in industry & buildings & 6 months in Energy audits.Conducted 8 energy audits in industrial & commercial complexes in India & abroad</p> <p>Sectors: Cement, Fertilizer, Electronics, Building, Steel, Power Plant, Foundry</p> <p>32 C.Sambath Kumar Asst. Manager – EM Services</p> <p>Qualification: M. Tech in Energy Technology B.E in</p>
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<p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 5407)</i></p> <p><i>LEED Green Associate, US Green Building Council</i></p> <p>12. Mr.Mangesh Mayekar Dy. Manager, EM Services</p> <p>Qualification: B.E in Electrical Engineering</p> <p>Experience: 4 Year experience in Energy audits carried out 40 energy audits& 25 Power quality audits,6 year experience in industry, operation and maintenance of network, switch gear.</p> <p>Sectors: Chlor Alkali, Refinery, Thermal Power Plants, Pharmaceuticals, Tyres, Port, Hotel, Indian Naval Ship, Beverages, Steel, Engineering, Automobile, Refinery, FMCG, Food Processing, Municipality, Railways</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1526)</i></p> <p>13. Mr. Mrinmoy Kayal Dy. Manager, EM Services</p> <p>Qualification: PG Diploma in Energy Management</p> <p>Experience: 3 Year experience in Energy audits, conducted 35 energy audits out of which 23 are in power plants</p> <p>Sectors: Automobile, Tea, Buildings, IT, Thermal Power Plants, Ordinance, Aluminium, Textile, Buildings</p> <p><i>Certified Energy Manager by Bureau of Energy Efficiency (BEE) India (EM 2238)</i></p> <p>14. Mr. Kumarasamy. R Dy. Manager, EM Services</p> <p>Qualification: B E in Electrical Engineering</p> <p>Experience: 3 Year experience in Energy audits and conducted about 55 comprehensive assignments in Industrial and</p>	<p>Mechanical Engineering.</p> <p>Experience: 3 Years experience in Energy audits and conducted about 32 comprehensive assignments in Industrial and Commercial complexes in India .</p> <p>Sectors: Cement, Building, Tyre, Refinery, Ceramic, water &waste water, Pharmaceuticals</p> <p>33 Mrs. Bindu V Thomas Dy. Manager, EM Services</p> <p>Qualification: B Tech in Electrical Engineering</p> <p>Experience: 4 Years experience in report writing and report quality check, developing templates for data collection & report writing, condition Monitoring</p> <p>Sectors: Cement, Building, Tyre, Refinery, Water &Waste water, Pharmaceuticals, Power plant, Engineering, Chlor Alkali, Data centre</p> <p>34 . Ande. Anjaneyulu Sr. Engineer – EM Services</p> <p>Qualification: B. Tech in Electrical Engineering</p> <p>Experience: : 3 Years experience in Energy audits and conducted about 15 comprehensive assignments in Industrial and Commercial complexes in India</p> <p>Sectors: Mines, Shipyard, Pharmaceuticals, Cement, Steel, tyre, Engineering, Township, Building</p> <p>35 Manish Thakare Sr. Engineer – EM Services</p> <p>Qualification: B. E in Electrical Engineering</p> <p>Experience: : 3 Years experience in Energy audits and conducted about 7 comprehensive energy audits , 8 power quality assignments in Industrial and Commercial complexes in India, other than 16 DSM Projects by BEE and 40 electrical safety audits in retail outlets</p> <p>Sectors: Retail, Steel, Chemicals, Buildings, Gas Manufacturing, Chlor Alkali, Ceramics</p> <p>36 Jayant Jain GET- EM Services</p> <p>Qualification: M. Tech in Energy management, B.E in</p>
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	<p>Commercial complexes in India and abroad</p> <p>Sectors: Thermal Power Plants, Port, Hotel, Beverages, Engineering, Automobile, FMCG, Food Processing, Municipality,</p> <p><i>Certified MV Professional by EVO & AEEE</i></p> <p><i>Affiliated Member ASHRAE Bangalore Chapter</i></p> <p>15. Mr. Chandrashekar .M Dy. Manager, EM Services</p> <p>Qualification: B E in Electronics Engineering</p> <p>Experience: 3 Years experience in Energy audits and conducted about 44 comprehensive assignments in Industrial and Commercial complexes in India and abroad</p> <p>Sectors: Thermal Power Plants, Pharmaceuticals, Port, Hotel, Engineering, Automobile, Refinery, FMCG, Food Processing, Plastics</p> <p><i>Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA12156)</i></p>	<p>Chemical Engineering</p> <p>Experience: 8 months experience in Energy audits. Conducted 22 comprehensive energy audits & 2 Power quality audits in Industrial and Commercial complexes</p> <p>Sectors: Hotel, Buildings, Power Plant, Steel,</p> <p>37. Himanshu Sharma GET- EM Services</p> <p>Qualification: M. Tech in Energy management, B.E in Mechanical Engineering</p> <p>Experience: 6 months experience in Energy audits. Conducted 16 comprehensive audits in Industrial and Commercial complexes</p> <p>Sectors: Power Plants, Cement, Hotel, entertainment, Building, IT, MSC sites</p>																										
20 (II)	No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	Not Applicable																										
21	Sectors in which the energy auditor has conducted energy audits since inception	<table border="0"> <tr><td>1. Auto Motive</td><td>43</td></tr> <tr><td>2 Machine Builders, (compressors. Turbines. DG)</td><td>33</td></tr> <tr><td>3 Green Buildings (Office, Residential, Municipality)</td><td>85</td></tr> <tr><td>4 Chemicals/ Chlor alkali</td><td>21</td></tr> <tr><td>5 Datacentre / IT</td><td>16</td></tr> <tr><td>6 EE/ EU/ Power Plant</td><td>62</td></tr> <tr><td>7 Food & Beverages & healthcare</td><td>70</td></tr> <tr><td>8 Hospital</td><td>2</td></tr> <tr><td>9 Hotel</td><td>25</td></tr> <tr><td>10 Marine (Port trust, Ship builders)</td><td></td></tr> <tr><td>11 Minerals & Metals</td><td>10</td></tr> <tr><td>12 Cement</td><td>15</td></tr> <tr><td>13 Iron & steel(Pig iron, Steel)</td><td>25</td></tr> </table>	1. Auto Motive	43	2 Machine Builders, (compressors. Turbines. DG)	33	3 Green Buildings (Office, Residential, Municipality)	85	4 Chemicals/ Chlor alkali	21	5 Datacentre / IT	16	6 EE/ EU/ Power Plant	62	7 Food & Beverages & healthcare	70	8 Hospital	2	9 Hotel	25	10 Marine (Port trust, Ship builders)		11 Minerals & Metals	10	12 Cement	15	13 Iron & steel(Pig iron, Steel)	25
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		<table> <tr><td>14 Mines</td><td>2</td></tr> <tr><td>15 Pulp & paper (Gypsum Board, Paper)</td><td>6</td></tr> <tr><td>16 Oil & Gas</td><td>10</td></tr> <tr><td>17 Life sciences (Pharmaceuticals)</td><td>15</td></tr> <tr><td>18 Retail</td><td>5</td></tr> <tr><td>19 Water & Waste water</td><td>15</td></tr> <tr><td>20 Engineering</td><td>6</td></tr> <tr><td>21 Industrial gases</td><td>4</td></tr> <tr><td>22 Jute mill</td><td>4</td></tr> <tr><td>23 Optic Fibre</td><td>3</td></tr> <tr><td>24 Paint</td><td>2</td></tr> <tr><td>25 Plastics</td><td>2</td></tr> <tr><td>26 Rubber</td><td>2</td></tr> <tr><td>27 Safety Glass</td><td>4</td></tr> <tr><td>28 Sugar</td><td>1</td></tr> <tr><td>29 Textiles</td><td>26</td></tr> <tr><td>30 Diamonds</td><td>1</td></tr> <tr><td>31 Highways</td><td>1</td></tr> <tr><td>32 Foundry & refractory</td><td>5</td></tr> <tr><td>33 Lamps</td><td>1</td></tr> <tr><td>34 cables</td><td>3</td></tr> <tr><td>Total</td><td>532</td></tr> </table>	14 Mines	2	15 Pulp & paper (Gypsum Board, Paper)	6	16 Oil & Gas	10	17 Life sciences (Pharmaceuticals)	15	18 Retail	5	19 Water & Waste water	15	20 Engineering	6	21 Industrial gases	4	22 Jute mill	4	23 Optic Fibre	3	24 Paint	2	25 Plastics	2	26 Rubber	2	27 Safety Glass	4	28 Sugar	1	29 Textiles	26	30 Diamonds	1	31 Highways	1	32 Foundry & refractory	5	33 Lamps	1	34 cables	3	Total	532
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22	Subject wise expertise	<ul style="list-style-type: none"> • Furnaces, Kilns, Boilers and complete system study to identify energy conservation measures. • Fans and Blowers, Pumps, Air Compressors • Heating Ventilation & Air Condition Systems (HVAC • Lighting • Pumping Systems • Cooling Tower • Study of process / process machineries to identify energy saving opportunities. • Study on electrical system and motors to identify the loading and losses. • Performance evaluation of above equipments and comparing with Bench marking. • Techno commercial evaluation of energy efficiency improvement projects. • Conducting manpower study and taking corrective actions to reduce the labour cost. • Planning for various development projects and major shutdowns of equipments using project management to ensure completion 																																												

		<p>within time.</p> <ul style="list-style-type: none"> Energy Efficiency Training
(a)	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. Bureau of Energy Efficiency will be calling for detailed information in case agency has listed its energy audit expertise in the process systems	Cement, Steel, Aluminum, Refinery, Textile, Paper and Pulp, Chemical, Rayon, Pharmaceutical, Tyre, Mines, Brewery, Beverages
(b)	Energy audit thermal utility system (list sectors)	Cement, Steel, Aluminum, Refinery, Port, Textile, Buildings, Paper and Pulp, Chemical, Rayons, Pharmaceutical, Thermal Power Plants, Tyre, Mines, Automobile, Brewery, Beverages, Engineering, Hotels, Hospitals
(c)	Energy audit electrical utility system (list sectors)	Cement, Steel, Aluminum, Refinery, Port, Textile, Buildings, Paper and Pulp, Chemical, Rayons, Pharmaceutical, Thermal Power Plants, Tyre, Mines, Automobile, Brewery, Beverages, Engineering, Hotels, Hospitals
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ol style="list-style-type: none"> AR - 5 Power Network Analyzers Krykard Power Load Manger, ALM -35 Meco TRMS 3510PHW Kusum Meco 2745 QNA Power Analyzer Krykard Power Load Manger, ALM -32 Dranetz _ EP-01 HIOKI PW 3198
	(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"> Ultrasonic flow meter , GE, Shenitech, Thermo electron Anemometer (Testo, Prova, Lutron) Infrared Thermometer (Metravi, test, Extev, Raytek, Fluke) Temperature data loggers(4 / 8 Channel) Testo, Centre, Madgetech Psling Psychrometers RH logger (Testo, Equinox) Flue Gas AnalyzerTesto, Kanemay Pressure meter (Testo, COmark) Pressure Gauges(analog/ digital) Tachometer (Lutron, Testo) Lux Meter (Metravi, TES, Lutron, Testo))

		12. Infrared Thermal Imaging Camera 13. PH & TDS CD, Hanna, TDS) 14. IAQ Logger 15. Multiple parameter loggers HOBO , Extech	
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit		
(i)	Energy Efficiency Training for EPS Riyadh	Bangalore	Feb 2011
(ii)	Energy Audit in Essar Refinery - Jamnagar	Jamnagar	Oct - 2009

D	Remarks (if any)
	NIL

(Note: Responsibility of the authenticity of the above information rests with the concerned energy auditor/energy auditing agency.)