


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

Serial Number (AEA- 0005)		As on :- 26 February, 2013	
A.			
1	Name of energy auditor	Upendra Pratap Singh	
2	Father's name	Ram Yadi Singh	
3	Date of certification as Energy Manager (or Energy Auditor, pl specify)	06.04.2005 as Energy Auditor	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	06.04.2005	
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-0232	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	No:0062	
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 - Professional 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. 9th Floor, DLF Building No.10, Tower C, DLF Cyber City, Phase II, Gurgaon -122002, Haryana</p> <p>Phone: 0124 3955 335 Fax: 0124 4222 036</p>
13	E-mail address	<p>upendrapratap.singh@schneider-electric.com</p> <p>singhups@gmail.com</p>
14	Telephone numbers . with STD Code (R) (O) Mobile no:	<p>(R) = 9910695696 (O) = Tel No.0124-3940400. Mobile No : 9910695696</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. Professional Services 9 Floor, DLF Building, 10, Tower C, DLF Cyber city, Phase II, Gurgaon, Haryana 122 002 Dr. Satish Kumar Energy Efficiency Ambassador and Vice President - Professional 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 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 Abraham Varughese General Manager, Energy Management Services Phone: 080 43333333 Fax: 080 43332323 Mobile: +91 98454 71135 Email: abraham.varughese@schneider- electric.com Site: www.schneider-electric.com</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 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 Mangesh Mayekar Deputy Manager Phone: +91 22 3940 400 Toll Free: +18004250555 Fax: +91 22 3073 8800 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																																																																				
20 (I)	Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	37																																																																				
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/energy audit firm 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> <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> </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	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
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		Total	532
22	Subject wise expertise	<ul style="list-style-type: none"> • Maximum Demand Management • Power Factor correction • Heating Ventilation & Air Condition Systems (HVAC • Lighting • Pumping Systems • Boilers and Furnaces • Fans and Blowers • Power Quality Analysis in electrical distribution system • Technical & Financial feasibility reports preparation (bankable projects) to facilitate financing • Worked on rural community based Green House Gases (GHG) emission reduction • Worked with United Nation Environment Program (UNEP). • Worked for Development of energy efficiency improvement proposals for financing by Indian Renewable Energy Development Agency (IREDA) • Worked on PAT Scheme for Power Plant, Cement & Sponge Iron Sectors 	
(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	Power Plants, Steel, Chlor Alkali, Textiles, Cement, Pulp & Paper, Tyre,	
(b)	Energy audit thermal utility system (list sectors)	Thermal Power Plants, Steel, Chemicals, Pharmaceuticals, Textiles, Cement, Paper and Pulp, Battery, Automobile, Telecom, Rubber, Tyre, Engineering, Chlor Alkali	
(c)	Energy audit electrical utility system (list sectors)	Municipal Water Pumping, Buildings, Thermal Power Plants, Steel, Chemicals, Pharmaceuticals, Textiles, Cement, Paper and Pulp, Battery, Railways, Residential, Automobile, Telecom, Rubber, Tyre, Engineering, Chlor Alkali	

23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ol style="list-style-type: none"> 1 AR - 5 Power Network Analyzers 2 Krykard Power Load Manger, ALM -35 3 Meco TRMS 3510PHW 4 Kusum Meco 2745 5 QNA Power Analyzer 6 Krykard Power Load Manger, ALM -32 7 Dranetz _ EP-01 8 HIOKI PW 3198
	(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"> 1. Ultrasonic flow meter , GE< Shenitech, Thermo electron 2. Anemometer (Testo, Prova, Lutron) 3. Infrared Thermometer (Metravi, test, Extev, Raytek, Fluke) 4. Temperature data loggers(4 / 8 Channel) Testo, Centre, Madgetech 5. Psling Psychrometers 6. RH logger (Testo, Equinox) 7. Flue Gas AnalyzerTesto, Kanemay 8. Pressure meter (Testo, COmark) 9. Pressure Gauges(analog/ digital) 10. Tachometer (Lutron, Testo) 11. 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 , Extec
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Nil
(i)		
(ii)		
(iii)		

D	Remarks(if any)
	NIL

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