## Form IV

*(Refer regulation 7(2))

**Bureau of Energy Efficiency**

**REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED ENERGY AUDITORS**

<table>
<thead>
<tr>
<th>Serial Number (AEA-222)</th>
<th>As on 26/6/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A.</strong></td>
<td></td>
</tr>
<tr>
<td>1 Name of accredited energy auditor</td>
<td>Shri Srijit Mukherjee</td>
</tr>
<tr>
<td>2 Father's name</td>
<td>Subir Kumar Mukherjee</td>
</tr>
<tr>
<td>3 Date of certification as Energy Manager</td>
<td>2006</td>
</tr>
<tr>
<td>4 Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”</td>
<td>May, 2008</td>
</tr>
<tr>
<td>5 Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”</td>
<td>EM0904 EA-8376</td>
</tr>
<tr>
<td>7 Date of issue of accreditation certificate</td>
<td>(to be filled by BEE)</td>
</tr>
<tr>
<td><strong>B.</strong> Information in respect of trade name or firms’ name</td>
<td></td>
</tr>
<tr>
<td>8 Trade name/ firms name under which energy audit is proposed to be conducted</td>
<td>Schneider Electric India Pvt. Ltd.</td>
</tr>
<tr>
<td>9 Date of accreditation as accredited energy auditor</td>
<td>(to be filled by BEE)</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>10</td>
<td>Type of firm/ private/ Government / NGO etc.</td>
</tr>
</tbody>
</table>
| 11  | Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address ( All details compulsory)                                              | Mr. Upendra Pratap Singh  
AGM – Audits & Consultancy  
Address: Schneider Electric India Pvt. Ltd.  
9th Floor, DLF Building No.10, Tower C, DLF Cyber City, Phase II, Gurgaon -122002, Haryana  
Mobile No.9910695696  
Phone: 0124 3305387  
Fax: 0124 4222 036  
Email: upendra.pratap.singh@schneider-electric.com  
Website: www.schneider-electric.com |
| 12  | Professional postal address with Pin Code of the accredited energy auditor                                                                       | Schneider Electric India Pvt Ltd, Technopolish, BP-4, 3rd Floor, Sector-V, Salt Lake, Kolkata-700091 |
| 13  | E-mail address                                                                                                                                                                                                  | srijit2.mukherjee@schneider-electric.com; |
| 14  | Telephone numbers . with STD Code (R) (O) Mobile no:                                                                                                       | (R) = 9674281515  
(O) = Tel No. 033-39404000  
Mobile No: 9674281515  
Mobile No: 9674281515 |
| 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.)                                                            | Yes.  
1: ISO Certificate:  
Certificate no: 195153-15-UK, valid from 22—08-08 to 30-07-2014  
2. OHSAS  
Certificate no: of-HK 10023-15, valid from 26-07-11 to 30-07-2011  
Certificate no: 195152-18-UK, valid from 22—08-08 to 30-07-2014 |
### No. of branch offices
(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)

#### Corporate Office: Delhi
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
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

#### Branch Office: Bangalore
Schneider Electric India Pvt. Ltd.
Professional Services
#44 P, 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

#### Branch Office: Kolkatta
Schneider Electric India Pvt Ltd,
Technopolish Building,
BP-4,
3rd Floor, Sector-V,
Salt Lake,
Kolkata-700091
Laxmidhar Sutar
Associate General Manager- Energy Efficiency Audits & Consulting
Phone: +913339404000 ext. 4131
Fax: +913330248686
Mobile: +919831556693
Email: laxmidhar.sutar@schneider-electric.com
Site: www.schneider-electric.com

#### Branch Office: Mumbai
Schneider Electric India Pvt. Ltd.
Professional 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

### Details of Associated Energy Experts

#### Number of resource persons available

<table>
<thead>
<tr>
<th>Branch Office: Bangalore</th>
<th>Branch Office: Kolkatta</th>
<th>Branch Office: Mumbai</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schneider Electric India Pvt. Ltd.</td>
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<td>Schneider Electric India Pvt. Ltd.</td>
</tr>
<tr>
<td>Professional Services</td>
<td>Professional Services</td>
<td>Professional Services</td>
</tr>
<tr>
<td>#44 P, Electronic City East Phase, Hosur Road, Bangalore 560 100</td>
<td>Technopolish Building, BP-4, 3rd Floor, Sector-V, Salt Lake, Kolkata-700091</td>
<td>Unit No.1141/42, Building no.11, 4th Floor, Solitaire Corporate Park, Andheri Kurla Road, Chakala, Andheri (E), Mumbai-400059, India</td>
</tr>
<tr>
<td>Vijayarengamani R</td>
<td>Laxmidhar Sutar</td>
<td>Mangesh Mayekar</td>
</tr>
<tr>
<td>Associate General Manager - Energy Efficiency Audits &amp; Consulting</td>
<td>Associate General Manager- Energy Efficiency Audits &amp; Consulting</td>
<td>Deputy Manager</td>
</tr>
<tr>
<td>Phone: +91 80 39102767</td>
<td>Phone: +913339404000 ext. 4131</td>
<td>Phone: +91 22 3940 400</td>
</tr>
<tr>
<td>Fax: +91 80 39102735</td>
<td>Fax: +913330248686</td>
<td>Toll Free: +18004250555</td>
</tr>
<tr>
<td>Mobile: +91 9566656574</td>
<td>Mobile: +919831556693</td>
<td>Fax: +91 22 3073 8800</td>
</tr>
<tr>
<td>Email: <a href="mailto:vijayarengamani.ramalingam@schneider-electric.com">vijayarengamani.ramalingam@schneider-electric.com</a></td>
<td>Email: <a href="mailto:laxmidhar.sutar@schneider-electric.com">laxmidhar.sutar@schneider-electric.com</a></td>
<td>Mobile: +9892068611</td>
</tr>
<tr>
<td>Site: <a href="http://www.schneider-electric.com">www.schneider-electric.com</a></td>
<td>Site: <a href="http://www.schneider-electric.com">www.schneider-electric.com</a></td>
<td>Email: <a href="mailto:mangesh.mayekar@schneider-electric.com">mangesh.mayekar@schneider-electric.com</a></td>
</tr>
</tbody>
</table>

C

**Details of Associated Energy Experts**

<table>
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<tr>
<th>Number of resource persons available</th>
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<tbody>
<tr>
<td>19</td>
</tr>
<tr>
<td>No.</td>
</tr>
<tr>
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<tr>
<td>1</td>
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<tr>
<td>2</td>
</tr>
</tbody>
</table>

Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 0079).
3. Mr. Vijayarengamani AGM, Global Energy Efficiency and Process Expert – Cement

Qualification: B Tech in Production Technology.

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


Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1079).

Accredited Energy Auditor AEA-0074

4. Mr. Upendra Pratap Singh AGM, EM Services

Qualification: B E in Mechanical Engineering and M Tech in Energy Studies

Experience: 17 years experience in Energy audit and clean development mechanism in various industries. Carried out more than 250

5. Mr. Laxmidhar Sutar Sr. Manager, EM Services

Qualification: A M I E in Electrical
Engineering

Experience: 14 Years experience in Energy audits and conducted more than 180 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


Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1853)

5. Mr. Laxmidhar Sutar AGM, EM Services

Qualification: A M I E in Electrical Engineering

Experience: 14 Years experience in Energy audits and conducted more than 180 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


Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1853)

6. Mr. Baskaran G Manager, EM Services
Qualification: B. Tech in Mechanical Engineering; M Tech in Energy Technology

Experience: 6 Years experience in Energy audits and conducted about 60 comprehensive assignments in Industrial and Commercial complexes in India and abroad

Sectors: Refinery, Cement, Aluminum, Thermal Power Plants, Buildings, Municipalities, Engineering, Pharmaceuticals, Port, Carbon, IT, Rice Mills, Automobile, Food Processing, Brewery, FMCG, Chlor Alkali, Tea

Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 7490)
Certified CMV Professional by EVO & AEEE
Accredited Energy Auditor-AEA 0079
Certified CEM, AEEE

7. Mr. Benet George Senior Manager, EM Services

Qualification: AMIE , MTech in Energetics

Experience: 6 years Industrial Experience and has conducted more than 60 comprehensive energy audits in India and abroad

Sectors: Hotel, Refinery, Textile, Buildings, Ports, Steel, Cement, Automobile, Pharmaceutical, Food Processing, IT, Power Plants, Mines, Aluminum, Municipality, Hotel, Chemicals, FMCG, Tea

Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 6737)
Certified CMV Professional by EVO & AEEE
Certified PMP by PMI
Accredited Energy Auditor AEA 053
Certified CEM, AEE

8. Mr. Raghavendra Rao. L Sr. Manager, EM Services
Qualification: Diploma in Electrical Engineering

Experience: 8 Years experience in condition monitoring, harmonic analysis, Power quality & Power audits etc. Specializing in harmonic analysis, design, installation and commissioning of harmonic filters. Conducted more than 300 power quality studies, 25 datacenter Power audits & 30 thermal imaging studies and in India and abroad.

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

9. Srijit Mukherjee, Manager – EM Services

Qualification: B.E in Mechanical Engineering. PG certification in energy management from IISWBM, Kolkata

Experience: 9 Years experience in Energy audits and conducted more than 110 comprehensive assignments in Industrial and Commercial complexes in India and Abroad. 1.0 years experience in energy efficient designing & execution of HVAC System in Commercial Buildings

Sectors: Hotel, Jute mill, Buildings, IT, Power plants, Food processing, Cement, Textiles, Iron & Steel, Tyre

Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India EA8376
10. **Mr. Mangesh Mayekar Dy. Manager, EM Services**

**Qualification:** B.E in Electrical Engineering

**Experience:** 5 Year experience in Energy audits carried out 45 energy audits & 28 Power quality audits, 6 year experience in industry, operation and maintenance of network, switch gear.

**Sectors:** Chlor Alkali, Refinery, Thermal Power Plants, Pharmaceuticals, Tyres, Port, Hotel, Indian Naval Ship, Beverages, Steel, Engineering, Automobile, Refinery, FMCG, Food Processing, Municipality, Railways, Battery

Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India (EA 1526)
Accredited Energy Auditor- AEA 004

11. **Mr. Mrinmoy Kayal Dy. Manager, EM Services**

**Qualification:** PG Diploma in Energy Management

**Experience:** 5.5 Year experience in Energy audits, conducted 35 energy audits out of which 23 are in power plants

**Sectors:** Automobile, Tea, Buildings, IT, Thermal Power Plants, Ordinance, Aluminium, Textile,

Certified Energy Manager by Bureau of Energy Efficiency (BEE) India (EM 2238)

12. **Mr. Biyas. B. Asst. manager – EM Services**
Qualification: **M Tech** in **Energy management. B. Tech** in Mechanical Engineering 5.5 years experience in Energy Audits, conducted 60 Comprehensive energy audits in Industrial and Commercial complexes in India and abroad

**Sectors:** Buildings, Tyre, IT, Iron & Steel, Pharmaceuticals, Electronics, Textiles, Power plant, FMCG, foundry & Refractories,

*Certified Energy Auditor by Bureau of Energy Efficiency (BEE) India EA12557 Certified CEM, AEE*

13. **Mr. Santanu Mondal Asst. Manager – EM Services**
**Qualification:** B. E in Electrical Engineering, **PG Diploma** in Transmission & distribution

**Experience:** 5.5 Year experience in Energy Audits, conducted 60 Energy audits, out of which 25 are power plants & 15 Power quality audits, 1 year experience in Networks

**Sectors:** Thermal Power Plants, Food Processing, Tobacco, Iron & steel, Textiles, Municipality, Buildings, Pharmaceuticals, IT, Hospital, FMCG, Ship Builders, Bank, Telecom, Mines,

14. **G. Baranitharan Sr. Engineer – EM Services**

**Qualification:** B.E. in Electrical Engineering

**Experience:** .54 Years experience in energy audit and compressed air audits. Conducted 25 detailed energy audits and 120 compressed
<table>
<thead>
<tr>
<th>No.</th>
<th>Energy Auditor</th>
<th>Position</th>
<th>Qualification</th>
<th>Experience</th>
<th>Sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Mrs. Bindu V Thomas Dy. Manager, EM Services</td>
<td>Dy. Manager, EM Services</td>
<td>B Tech in Electrical Engineering</td>
<td>5.5 Years experience in report writing and report quality check, developing templates for data collection &amp; report writing, condition Monitoring</td>
<td>Cement, Building, Tyre, Refinery, Water &amp; Waste water, Pharmaceuticals, Power plant, Engineering, Chlor Alkali, Data centre</td>
</tr>
<tr>
<td>16</td>
<td>Manish Thakare Sr. Engineer – EM Services</td>
<td>Sr. Engineer – EM Services</td>
<td>B. E in Electrical Engineering</td>
<td>3 Years experience in Energy audits and conducted about 22 comprehensive energy audits, 15 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</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>22</th>
<th>Subject wise expertise</th>
</tr>
</thead>
</table>
|    | **Electrical demand side management.**  
**Heating Ventilation & Air Condition Systems (HVAC):** Detail performance evaluation of HVAC components, identification of Energy Conservation opportunities, Techno economical evaluation of energy efficiency improvement projects  
**Lighting:** Detail performance evaluation of Lighting Systems, benchmarking, identification of Energy Conservation opportunities, Tech economical evaluation of energy efficiency improvement projects in lighting in commercial & industrial establishment |
### Power Quality Analysis

**in electrical distribution system:** for commercial & industrial establishment

**DG Evaluate the SEGR**

**Compressors:** Receiver pressure and discharge pressure reduction, VFD for compressor motor, replacement of existing compressor with new energy efficient compressor, pipe size modification, suction port size modification, leak test and pump up test to calculate compressor performance.

Total No of Projects: Harmonic Audit- 30, Energy Audit- 25, Air audits- 120

<table>
<thead>
<tr>
<th>(a)</th>
<th>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</th>
<th>NIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b)</td>
<td>Energy audit thermal utility system (list sectors)</td>
<td>Textiles, Cement, Thermal Power Plants, Buildings, Steel, Sponge Iron, Paper and Pulp, Chemical, Data Centers, Hotels, Hospitals, Aluminum, Automobile, Pharmaceutical, Refineries, Food Processing, water &amp; waste Water, Telecom</td>
</tr>
<tr>
<td>(c)</td>
<td>Energy audit electrical utility system (list sectors)</td>
<td>Textiles, Cement, Thermal Power Plants, Buildings, Steel, Sponge Iron, Paper and Pulp, Chemical, Data Centers, Hotels, Hospitals, Aluminum, Automobile, Pharmaceutical, Refineries, Food Processing, water &amp; waste Water, Telecom</td>
</tr>
<tr>
<td>23</td>
<td>Instruments available</td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>-----------------------</td>
<td></td>
</tr>
</tbody>
</table>
| (a) Electrical (list the name of the instruments) | 1. Krykard Power Load Manger, ALM -35  
2. Hioki PW 3198  
3. Cryonics EP – 1 Dranetz  
4. Meco TRMS 3510PHW  
5. Krykard Power Load Manger, ALM -32  
6. Krykard Power Load Manger, ALM -10 |
| (b) Thermal (list the name of the instruments) | 1. Ultrasonic flow meter -4  
2. Anemometer (Testo, Prova, Lutron) -14  
3. Infrared Thermometer (Metravi, test, Extv, Raytek, Fluke) 8  
4. Temperature data loggers(4 / 8 Channel) Testo, Centre, Madgetech 15  
5. Psling Phsychrometers 6  
6. RH logger (Testo, Equinox) 5  
7. Flue Gas Analyzer Testo, Kanemay -3  
8. Pressure meter (Testo, Comark) 8  
9. Pressure Gauges(analog/ digital) 4  
10. Tachometer (Lutron, Testo) 4  
11. Lux Meter (Metravi, TES, Lutron, Testo) 15  
12. Infrared Thermal Imaging Camera 3  
13. PH & TDS CD, Hanna, TDS) 10  
14. IAQ Logger 2  
15. Multiple parameter loggers HOBO 6 |
| 24 (i) | Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit |
| | Energy Efficiency Seminar for PCRA,Gangtok  
TEQIP Seminar for PCRA,Kolkata |
| (ii) | 2011  
2014 |
(Note: Responsibility of the authenticity of the above information rests with the concerned energy auditor/energy auditing agency.)