


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

Serial Number: AEA-276		As on Date: 02nd November, 2017	
<b>A.</b>			
1	Name of accredited energy auditor	HEMANT VERMA	 Photograph of the energy auditor
2	Father's name	Shri. B.L. MADARIA	
3	Date of certification as Energy Manager	22 <sup>nd</sup> November 2008	
4	Date of passing the examination in“ Energy Performance Assessment for Equipment and Utility Systems”	22 <sup>nd</sup> November 2008	
5	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	(i) EA-3939 (ii) EA-3939	
6	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	(i) EA-3939 (ii) EA-3939	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
<b>B. Information in respect of trade name or firms' name</b>			
8	Trade name / firms name under which energy audit is proposed to be conducted	Chhattisgarh State Electricity Regulatory Commission, Raipur	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/private/Government/ NGO etc.	Government	
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	<b>Hemant Verma</b> Chairman, Chhattisgarh State Electricity Regulatory Commission Shanti Nagar, Irrigation Colony, Raipur - 492001, Chhattisgarh Email:-hemant.verma.in@gmail.com Mob: 9313403994 Office: 0771-4073550	
12	Professional postal address with Pin Code of the accredited energy auditor	Hemant Verma, C - 1/5, Government Officers Colony, Devendra Nagar, Raipur-492001, (C.G.)	

13	E-mail address	hemant.verma.in@gmail.com
14	Telephone numbers. with STD Code(R)	
	(O) Mobile no:	0771-4073550 9313403994
15	Year of establishment of the tradename/ firms' name for undertaking the energy audit	2004
16	Year of commencement of energy audit of the firm	2004
17	Whether any certificate to support the Excellence in the system has been obtained (ISO etc.)	<ul style="list-style-type: none"> <li>• Accreditation by Bureau of Energy Efficiency, Ministry of Power, Govt. of India as <b>Accredited Energy Auditor</b></li> <li>• <b>Represented DISCOMs of India</b> at a workshop held in Tokyo on 'Energy Conservation' organized by 'The Energy Conservation Centre' <b>Govt. of Japan</b> in January 2017.</li> <li>• Have been <b>invited as Guest speaker</b> in Different National forums like BEE, FICCI, TERI and DOP to speak on Demand Side Management, PAT, Loss Reduction &amp; Energy Saving, Environment Protection and Pollution Control in DISCOMS and Methodology of Energy Audit of DISCOMs.</li> <li>• <b>Reduced AT&amp;C Loss</b> level year over year from 52% (FY 2001-02) to 8.63% (FY 2019-20). Recognized as 'Super Achiever'. Awarded "SIMPLY THE BEST - Best Business Manager Award"</li> <li>• <b>Reduced load shedding</b> to &lt;0.03% of the load. Ensured <b>uninterrupted power supply during International Events</b> including Delhi Commonwealth Games in 2010, World Trade Fair at Pragati Maidan in 2015, India – New Zealand T-20 matches.</li> <li>• <b>Started using Drones</b> for monitoring health of Electricity Network including HV Lines, Grid Sub Stations &amp; Direct Theft hooking in LT Lines.</li> <li>• Completed the Electrification work (23 MW Load) at the world's largest temporary COVID-19 Facility (Sardar Patel Covid Care Centre), having 10,000</li> </ul>

		<p>Beds at Chhatarpur in South Delhi in a record time of 15 days on 5th Jul 2020.</p> <ul style="list-style-type: none"> <li>• In July 2019, Delhi recorded the highest ever Peak Power demand of 7409 MW. Met this demand by Accurate Load Forecasting, Network Planning, System Augmentation, Demand Side Management (like Replacement of Old AC with BEE 5-Star rated AC Scheme) &amp; taking Demand Response initiatives with Consumers.</li> <li>• Initiated Virtual RWA Meeting `BSES Aap Ke Saath` and Lok-Adalats to settle Billing issues during Covid-19 .</li> <li>• <b>Energized 2800 Roof- Top Solar Connections</b> with a connected Solar Load of over 90 MW with net-metering.</li> </ul>
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	None
<b>C Details of Associated Energy Experts</b>		
19	Number of resource persons available	28
20	I. Number of full-time energy auditors in position with work experience of all energy auditors associated with the firm.	<p><b>1. <u>Hemant Verma (Accredited EA)</u></b>  <b><u>Designation: Chairman, Chhattisgarh State Electricity Regulatory Commission</u></b></p> <ul style="list-style-type: none"> <li>➤ M. Tech in Energy Studies from IIT Delhi and MBA in Financial Management from IGNOU.</li> <li>➤ Having nearly 35 years of working experience in Power Sector with premium organizations like Central Electricity Authority, Ministry of Power, Govt. of India, Delhi Vidyut Board, New Delhi, and BSES Rajdhani Power Limited, New Delhi in their important functional departments.</li> <li>➤ Presently working as Chairman, Chhattisgarh State Electricity Regulatory Commission, Raipur, Chhattisgarh.</li> <li>➤ During working in above organization</li> </ul>

		<p>my job profile have been as follows.</p> <ul style="list-style-type: none"><li>● Heading EHV TRL South, Demand Side Management, Energy Conservation and PAT Cell. Looking after operation &amp; maintenance of Grids, Equipments &amp; Feeders in Transmission &amp; distribution system.</li><li>● Planning and execution of schemes to meet future demand and tariff related issue.</li><li>● Energy Auditing and promotion of usage of Renewable energy.</li></ul> <p>➤ Load balancing of transformer and feeders to achieve optimum performance.</p> <p>➤ Appeared for certification examination of energy auditor in 2008 (EA-3939) with an objective to actively participate in Energy conservation drive for sustainability of the Mother Earth.</p> <p>➤ Nominated as the Energy Manager and serving as the single point contact for all communication and activities related to EC Act, 2001 and PAT scheme in BRPL.</p> <p>➤ Associated with some of energy audit agencies to have in depth knowledge and hands on experience of energy audit in various industries and facilities.</p> <p>➤ Achieved substantial reduction in AT&amp;C Losses in BRPL taking following proactive initiatives:</p> <ul style="list-style-type: none"><li>● Replacement of Electro-Mechanical meter,</li><li>● Replacement of bare overhead conductor with insulated bunched conductor,</li><li>● Optimal loading of transformers and feeders,</li><li>● HVDS installation,</li><li>● APFCs installation.</li></ul>
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		<ol style="list-style-type: none"> <li>2. Ramayan Prasad Namdeo (EA- 0165) - Sector- Thermal Power Station, Power distribution &amp; Commercial Building</li> <li>3. M.P. Naik (EA-14031) Sector – Thermal Power Station, Power distribution &amp; Commercial Building</li> <li>4. Sanjay Vaidya (EA-3105)-Sector- Thermal Power Station, Power distribution &amp; Commercial Building</li> </ol>

	<ol style="list-style-type: none"><li>5. Rajeev Jha (EA-1458)-Sector-Thermal Power Station, Power distribution &amp; Commercial Building</li><li>6. Manish Kumar Shrivastava (EA10993)- Thermal Power Station, Power distribution &amp; Commercial Building</li><li>7. Manoj Kumar Jaiswal (EA-11341)- Thermal Power Station, Power distribution &amp; Commercial Building</li><li>8. Rupesh Kumar Sonwani (EA-18467)- Thermal Power Station, Power distribution &amp; Commercial Building</li><li>9. Smt. Ranjana Phuane (EA-23710)- Thermal Power Station, Power distribution &amp; Commercial Building</li><li>10. Deepak Kumar Sahu (EA-12858)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>11. Binoda Mohanty (EA-24887)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>12. Manish Kumar (EA-29938)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>13. Smt. Dhaneshwari Sahu (EM-9282)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>14. Smt. Anjali Soni (EA-34376)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>15. Smt. Ritika Mishar (EA-24601)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>16. Smt. Suman Tiwari (EA-31149)- Thermal Power Station, Power distribution &amp; Commercial building</li><li>17. Vikalp Tiwari (EM-16965/20)-S Thermal Power Station, Power distribution &amp; Commercial building</li></ol>
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		<p>18. Shatish Kumar Yadu (EA-31280)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>19. Chandra Shekhar Patel (EA-34396)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>20. Raman Singh (EA-34799)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>21. Manmohan Chandra (EA-34956)-, Thermal Power Station, Power distribution &amp; Commercial building</p> <p>22. Ashikur Rehman (EM-300026)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>23. Sanjeev Jain (EA-0463)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>24. Rajeev Gyani (EA-4585)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>25. R S Bhakuni (EA-0568)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>26. Rahul Gupta (EA-9023)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>27. Vaibhav Dubey (EA-19940)- Thermal Power Station, Power distribution &amp; Commercial building</p> <p>28. Alok Kumar Tiwari (EA-31102)- Thermal Power Station, Power distribution &amp; Commercial building</p>
	<p>II. No. of part-time energy auditors in position during the current year/previous year associated with the energy auditor /energy auditor's firms.</p>	<p><b>1. Dr. Prem Prakash Mittal, Accredited Energy Auditor, (AEA-011)</b></p> <p>Designation: Director, A-Z Energy Engineers Pvt. Ltd.</p> <p>Served in Power Distribution utility of Haryana for 37 years and is PhD, MBA,</p>

		<p>PG Diploma in Power Distribution, Accredited Energy Auditor. He has conducted more than 70 Detailed Energy Audits, including that for PAT and specialized in Transport sector industry. Besides above, also carried out more than 180 Nos Walk-Through Energy Audits of various industries.</p> <p>2. Mrs. Manisha Srivastava (EA-8556) )- Sector-Commercial buildings and Transport sector</p> <p>3. SS Maan (EA-9011) )-Sector- Commercial buildings and Transport sector</p> <p>4. Mrs. Surbhi Sinha (EA-0320) ) -Sector- Commercial buildings and Transport sector</p> <p>5. <b>Kamlesh Kumar Jha, Accredited Energy Auditor,(AEA-0007)</b></p> <p>Designation: Director - M/s Padmashtdal Energy Services Pvt. Ltd.</p> <p>Having more than 25 years experience in the field of Power System, Industrial Electronics, Utility system management, Condition Monitoring and Energy Conservation.</p> <p>He is B Tech (Electrical and Electronics) from NIT Surathkal, MS from BITS Pilani and is an Accredited Energy Auditor.</p> <p>He has conducted more than 50 Detailed Energy Audits of all major energy intensive sectors, including that for PAT.</p> <p>6. Sashi Bhushan Pandey (EA-5768) - Sector-Petrochemical and Petroleum refineries</p> <p>7. Lal Ji Agrawal (EA -7405) -Sector- Thermal Power Station and Electricity Transmission Company.</p>
21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since	Power generation, Power distribution, Metal forging, printing, automobile parts,



	inception	Paints, Leather, Textile and Paper Industry, Cable manufacturing, Heavy machines, Fertilizers, Hotels, Hospitals, Sponge Iron, Sheet metal, Schools, Colleges and Commercial Buildings, Railways etc.	
22	Subject wise expertise	Electrical System and Thermal System	
(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 generation, Power distribution, Airconditioning of BRPL sub stations, Paint Process, Pulp & paper printing, Artificial leather, Automobile, Textile & Polymer, fertilizer	
(b)	Energy audit thermal utility system (list sectors)	Power generation, Power distribution, Metal forging, printing, automobile parts, Paints, Leather, Textile and Paper Industry, Cable manufacturing, Heavy machines, Fertilizers, Hotels, Hospitals, Sponge Iron, Sheet metal, Schools, Colleges and Commercial Buildings, Railways etc.	
(c)	Energy audit electrical utility system (list sectors)	Power generation, Power distribution, Metal forging, printing, automobile Leather, Textile and Paper Industry, cable manufacturing, Heavy machines, Fertilizers, Hotels, Hospitals, Sponge Iron, Sheetmetal, Schools, Colleges and Commercial Buildings, Railways etc.	
23	Instruments available	List Enclosed	
	(a) Electrical (list the name of the instruments)	Power Analyzer –along with 2 set of CT (AC) & 1 no. CT (DC), LUX Meter, Tachometer, Digital clamp meter, Humidity & temperature meter, Digital Earth Tester, Stop Watch, Ultrasonic Flow Meter etc.	
	(b) Thermal (list the name of the instruments)	Pyrometer, Laser gun thermometer (infrared thermometer), Flue gas analyzer, Anemometer, Thermo Hygrometer etc.	
24	Details of training programme/seminars/workshops conducted during the last 3 years in the field of energy efficiency/ energy audit		
	Organized by	Objective	Date
(i)	Form of Regulators (C/o CERC), New Delhi	75 <sup>th</sup> Meeting of Forum of Regulators at Delhi	October 1 <sup>st</sup> , 2021

(ii)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles	December 03 <sup>rd</sup> , 2021
(iii)	Forum of Regulators (C/o CERC), New Delhi	76 <sup>th</sup> Meeting of Forum of Regulators at Lucknow	December 17-18, 2021
(iv)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles	January 04,2022
(v)	Forum of Regulators (C/o CERC), New Delhi	78 <sup>th</sup> Meeting of Forum of Regulators at Sunderbans, West Bengal	March 03-05, 2022
(vi)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles at Purulia	April 07-09,2022
(vii)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles at Kurnool A.P.	June 24-25,2022
(viii)	Forum of Regulators (C/o CERC), New Delhi	81 <sup>st</sup> Meeting of Forum of Regulators at New Delhi	July 08 <sup>th</sup> ,2012
(ix)	Forum of Regulators (C/o CERC), New Delhi	FOR-Working Group Meeting on Model Regulation for Green Energy at Delhi	July 25 <sup>th</sup> ,2022
(x)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles at Delhi.	July 26 <sup>th</sup> , 2022
(xi)	Chhattisgarh Renewable Energy Development Agency (CREDA)	Workshop on DSM Action Plan for DISCOM	August 02 <sup>nd</sup> , 2022
(xii)	Forum of Regulators (C/o CERC), New Delhi	FOR-Working Group Meeting on Model Regulation for Green Energy at Delhi	August 22 <sup>nd</sup> , 2022

(xiii)	Forum of Regulators (C/o CERC), New Delhi	FOR-Working Group Meeting on Guidelines for Renewable Curtailment at Delhi	September 02 <sup>nd</sup> , 2022
(xiv)	Forum of Regulators (C/o CERC), New Delhi	Working Group Meeting on Energy Storage and Electric Vehicles at Visakhapatnam	September 16-17 <sup>th</sup> , 2022
(xv)	Forum of Regulators (C/o CERC), New Delhi	FOR Study Tour To Brussels, Belgium and Norway	November 05-12 <sup>th</sup> , 2022
(xvi)	Forum of Regulators (C/o CERC), New Delhi	84 <sup>th</sup> Meeting of Forum of Regulators at Gandhinagar, Gujarat	February 02-04 <sup>th</sup> , 2023
(xvii)	Ministry of Power and New & Renewable Energy	Interaction with Hon'ble Minister on Preparation for Uninterrupted Power supply during high demand crunch period.	March 14 <sup>th</sup> , 2023
(xviii)	Standing Committee of Energy, Parliament House	Examination of the Electricity (Amendment) Act, 2022 at Delhi	March 23 <sup>rd</sup> , 2023
(xix)	Forum of Regulators (C/o CERC), New Delhi	85 <sup>th</sup> Meeting of Forum of Regulators at Dharamshala and Palampur	April 17-18 <sup>th</sup> , 2023
(xx)	India Power Conference	4 <sup>th</sup> Annual India Power Conference at Delhi	April 21 <sup>st</sup> , 2023
<b>D</b>	<b>Remarks (if any)</b>		
	NIL		

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Raipur

Name: Hemant Verma

Date: 14<sup>th</sup> August 2023

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

