

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

Serial Number (AEA 0113)		As on (26/11/2013)	
1	Name of accredited energy auditor	Harminder Singh Bedi	
2	Father's name	Lt. Kalwant Singh Bedi	
3	Date of certification as Energy Manager	2005	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2005	
5	Examination Registration Number of (i) Energy Manager  (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-1077	
6	Certificate Registration Number of (i) Energy Manager  (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-1077	
7	Date of issue of accreditation certificate	( to be filled by BEE)	
<b>B.</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	Energo Engineering Projects Limited	
9	Date of accreditation as accredited energy auditor	( to be filled by BEE)	



10	Type of firm/ private/ Government / NGO etc.	Public Limited
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. Priyaranjan Sinha Sr. Manager (M&A Energo Engineering Projects Limited A-57/4, Okhla Industrial Area, Phase – II, New Delhi – 110020 Tel: 011-30882030 Fax: 011-26385333 Mobile: 9811456950 E-mail: <a href="mailto:sinha.priyaranjan@energoindia.com">sinha.priyaranjan@energoindia.com</a>
12	Professional postal address with Pin Code of the accredited energy auditor	Energo Engineering Projects Limited A-57/4, Okhla Industrial Area, Phase – II, New Delhi – 110020
13	E-mail address	<a href="mailto:bedi.hs@energoindia.com">bedi.hs@energoindia.com</a> ;
14	Telephone numbers . with STD Code (R) (O) Mobile no:	0120-4332155 011-30882038, 26385323 +919810578904
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1987
16	Year of commencement of energy audit of the firm	2005
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	ISO9001-2008
18	No. of branch offices  (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Manufacturing Unit:- 175-176, Thirumalayampalayam K.G.Chavadi, Palakkad Main Road, Coimbatore – 641105, Tamil Nadu (INDIA) TEL: 0422-2656544 FAX: 0422-2656499 E-mail: <a href="mailto:energocebe@energoindia.com">energocebe@energoindia.com</a>

C	Details of Associated Energy Experts			
19	Number of resource persons available	<b>15 Nos.</b>		
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<b>Name</b>	<b>Work experience</b>	<b>Sectors Covered</b>
H S Bedi CEA		46 Years	Head Thermal Power Plant Performance / Guarantee testing, Energy Audit and Energy Efficient Renovation & Modernisation (EER&M). Conducted Energy Audit of 15 combined cycle / open cycle and steam cycle thermal power plant in Saudi Arabia also associated for conductance of energy audit MAHAGENCO, APGENCO, WBPDCCL thermal units.	
Susheel Choudhary CEA		13 Years	Site in-charge for energy audit and report preparation, Energy Efficient R&M activities. Conducted Energy Audit of 15 combined cycle / open cycle and steam cycle thermal power plant in Saudi Arabia also associated for conductance of energy audit MAHAGENCO, APGENCO, WBPDCCL thermal units. Also carried out Energy Audit in Naval Dockyard, HEC Ranchi, Speedomax Auto industries.	
Priyaranjan Sinha CEM		16 Years	Business Development of Consultancy & EPC projects in the Energy sector . Also having experience of undertaking energy audit studies in the sectors e.g. Jute, Paper, Textile, Glass, Cement, Engineering, Retail stores, Institution etc. Have training on World Bank Procurement Process and Measurement and Verification of Energy Performance Contracts. Implemented projects on Solar PV, Biomass & Rural Energy Projects.	
Dipanjan Roy CEA	11 Years	Site in-charge for energy audit and report preparation for Energy Efficient R&M activities.		

		Sachin Arora CEA	7 Years	Associated for site conductance of energy audit and Energy Efficient R&M activities.
		Manjeet Singh CEA	9 Years	Site in-charge for electrical energy audit and Energy Efficient R&M activities.
		M Karthikkarupu	5 ½ years	M Tech. in energy management and associated for energy audit assignment
		Nishek Jain	2 years	B Tech in mechanical engineering and associated for energy audit assignment
		Anirudha Neogi	4 years	PGDBM in energy management and associated for energy audit assignment
		Charik Jain	4 years	B Tech in mechanical engineering and associated for energy audit assignment
		Nitin Saxena	4 ½ years	B Tech in mechanical engineering and associated for energy audit assignment
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	Dr. Y.P.Abbi	48 Years	<p>Boiler Design, energy efficiency / audit studies across process, engineering and TPP sectors while in TERI for 10 years. Also writer of:-</p> <ol style="list-style-type: none"> <li>1. Handbook on Energy Audit and Environment Management <a href="http://www.amazon.com/Handbook-Energy-Audit-Environment-Management/dp/8179930920">http://www.amazon.com/Handbook-Energy-Audit-Environment-Management/dp/8179930920</a></li> </ol> <p>and</p> <ol style="list-style-type: none"> <li>2. Energy Audit: Thermal Power, Combined Cycle, and Cogeneration Plants <a href="http://www.amazon.com/Energy-Audit-Thermal-Combined-Cogeneration/dp/8179933113">http://www.amazon.com/Energy-Audit-Thermal-Combined-Cogeneration/dp/8179933113</a></li> </ol>

		S K Datta CEA	30 years	<p>Graduated and mastered in mechanical engineering, course on quality management system (IRCA – UK) gemba kaizen (Jmam, Japan), quality management (Aots, Japan), energy management &amp; audit and advance environment management system (EARA – U.K.)</p> <p>Energy Audit/ Energy Efficiency Project Handled =80 NOS (TPP, Textile, Refractory, Cement, Refinery, Alluminium, Paper, Glass, SMEs, Commercial Buildings etc. ) International / National Paper Published / Presented =29 NOS. Commercial buildings etc.</p>
		Anjan Majumdar CEA	25 years	<p>AMIE (Electrical) &amp; 3 Years PGDEM (Energy Mgt.) Energy Audit/ Energy Efficiency Project Handled (TPP, Textile, Refractory, Cement, Refinery, Alluminium, Paper, Glass, SMEs, Commercial Buildings etc. ). Also experienced in T &amp; D system up to 132 kV, energy performance contracting project evaluation and assessment.</p>
		Rakesh Yecho -CEA	22 years	<p>B.E- Electrical &amp; MBA. Extensive experience in Energy Audit in different industries like Steel Industries, mining (Copper, Zinc), Textiles, Petrochemical, Pulp &amp; Paper, Chlor Alkali, SME, Municipalities and Commercial Building etc..</p>
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	Thermal Power Plants, Engineering Industries, Buildings, Municipalities, Agriculture		

22	Subject wise expertise	Both Electrical Thermal Energy
(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	Thermal Power Plant complete heat cycle and also its auxiliary power consumptions.  Engineering industry electrical and thermal energy consumption  (Refer attached credential list for conductance of Energy Audits both Electrical and Thermal)
(b)	Energy audit thermal utility system (list sectors)	Refer above attached list
(c)	Energy audit electrical utility system (list sectors)	Refer above attached list
23	Instruments available	List of instrument attached (this includes both for undertaking electrical and thermal Energy Audits)
	(a) Electrical (list the name of the instruments)	Refer above attached list
	(b) Thermal (list the name of the instruments)	Refer above attached list
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	In last three years, Energy Audit study was undertaken in 9 (nine) in Thermal Power as well as engineering units. As a part of the study a training / awareness programme is conducted after the completion of the study for the plant officials. This helps them to implement energy audit recommendations.

<b>D</b>	<b>Remarks( if any)</b>
	<p data-bbox="261 264 1430 363">Experience of 25 years in PSU (BHEL) for performance guarantee test helps us to apply this knowledge in undertaking Energy Audits using high accuracy instruments and following procedures of international codes.</p> <p data-bbox="261 401 1430 499">Further it helps in getting the correct and reliable performance level of the equipment and identify the performance shortfall areas for rectification to improve the electrical and thermal energy consumption.</p> <p data-bbox="261 537 1430 588">The company posses high accuracy thermal and electrical instruments as per international standards</p>

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