


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

Serial Number (AEA- 0036)		As on :- 26 February, 2013	
A.			
1	Name of accredited energy auditor	Dr. Binoy Krishna Choudhury	
2	Father's name	Late Amalendu Choudhury	
3	Date of certification as Energy Manager	6th April 2005 (as Energy Auditor in the First Batch-2004)	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Passed CEA	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 1551	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 1551	
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	Indian Institute of Social Welfare and Business Management	

9	Date of accreditation as accredited energy auditor	(to be filled by BEE)
10	Type of firm/ private/ Government / NGO etc.	Government (Aided)
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Dr. B K Choudhury, Associate Professor, Address : Indian Institute of Social Welfare and Business Management (IISWBM), Management House, College Square West, Kolkata - 700 073, India Mobile: +919433153009 Office No : 91 33 22413756, 40237474 Fax: 91 33 22413975 Email : binoykchoudhury@gmail.com; bkchoudhury@iiswbm.edu
12	Professional postal address with Pin Code of the accredited energy auditor	Indian Institute of Social Welfare and Business Management (IISWBM), Management House, College Square West, Kolkata - 700 073, India
13	E-mail address	binoykchoudhury@gmail.com; bkchoudhury@iiswbm.edu
14	Telephone numbers . with STD Code (R) (O) Mobile no:	(R) : +91 33 2402 8344 (O) : 91 33 22413756 Mobile no: +919433153009
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1953
16	Year of commencement of energy audit of the firm	1993 (the year of starting the country's first Public Systems management course including Energy Management at IISWBM)
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	No

18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	NIL
C	Details of Associated Energy Experts	
19	Number of resource persons available	Seven + All master degree students of Energy Management who are involved in such activities as learning exercise as part of their energy management curriculum +
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>Two (CEA Certified) + Five other Members = Total SEVEN in Energy Management Team</p> <p><u>Short Details :</u></p> <p><i>CEA Certified Members</i></p> <p>I. Dr. B K Choudhury, Associate Professor of MPSM - Energy Management Department; CEA, Reg No. EA – 1551; PhD (IIT) & Fellow (IEI) <u>Email:</u> bkchoudhury@iiswbm.edu <u>Sectors:</u> Power, Glass and Ceramics, Cotton and Textile, Small and Medium Enterprise – Galvanizing and Wire-drawing, Municipalities, Street Lighting System, Building, Heavy industries – such as Ordnance factory, Iron & Steel Industry, Ordnance (Arms and ammunition), Thermal Power Station</p> <p>II. Mr. Arindam Dutta, Asst. Professor of MPSM - Energy Management Department, CEA, Reg No. EA12515; M.Tech(Electrical Power) <u>Email:</u> arindamd@iiswbm.edu <u>Sectors:</u> Small and Medium Enterprise – Galvanizing and Wire-drawing, Municipalities, Building,</p> <p><i>Other Team members :</i></p> <p>I. Prof. D K Sanyal , Treasurer and Director (Acting), B.E. (Civil), LL B <u>Email:</u> director@iiswbm.edu <u>Sectors:</u> Power Transmission and Distribution</p>

		<p>III. Dr. Chinmoy Jana, Associate Professor of MPSM - Energy Management Department; M.Tech, Ph.D (IIT) <u>Email:chinmoyjana@iiswbm.edu</u> <u>Sectors: Non-Conventional Sources of Energy,</u></p> <p>IV. Ms. Piyali Sengupta, Lecturer of MPSM - Energy Management Department, MA(UK), PGDEM <u>Email:piyali.sengupta@iiswbm.edu</u> <u>Sectors :Small and Medium Enterprise – Galvanizing and Wire-drawing, Power Transmission and Distribution</u></p> <p>V. Mr. Soumen Achar, Lab Assistant, Energy Management Department, B.Sc. <u>Email: soumenachar143@gmail.com</u> <u>Sectors: Small and Medium Enterprise – Galvanizing and Wire-drawing, Building</u></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>Eight <u>Short Details:</u></p> <ol style="list-style-type: none"> 1. Prof. S.C. Bhattacharya, Ph.D. (University of Cambridge), Adjunct Professor, IISWBM <u>Email: sribasb@gmail.com</u> <u>Sectors: Small and Medium Enterprise – Galvanizing and Wire-drawing, Non-Conventional Sources of Energy,</u> 2. Prof. S.K. Dutta; CEA, Reg. No: EA 0149; B.M.E. (HONS.), M.M.E., (both from Jadavpur University) <u>Email: enconskd@gmail.com</u> <u>Sectors: Power, Glass and Ceramics, Cotton and Textile, Small and Medium Enterprise, Municipalities at West Bengal, Street Lighting System, Building, Heavy industries, Iron & Steel Industry, Thermal Power Station</u> 3. Mr. Anjan Majumder; CEA, Reg. No. EA-0167; PGDEM, AMIE <u>Email: anjan_6005@rediffmail.com</u> <u>Sectors: Power, Glass and Ceramics,</u>

		<p>Cotton and Textile, Small and Medium Enterprise, Municipalities, Street Lighting System, Building, Heavy industries, Iron & Steel Industry, Thermal Power Station</p> <p>4. Mr. Asit Kr Pal, CEA, Reg. No. EM-0374, EA-2440; <u>Email</u>: ast_pal2005@yahoo.co.in Sectors: Municipalities, Building, Power, Spinning Mills,</p> <p>5. Mr. Monotosh Choudhury, CEA , Reg. No. EA 9300; AMIE (Mech.) Email: monotosh.choudhury@rp-sg.in Sectors : Power, Small and Medium Enterprise – Galvanizing and Wire-drawing, Municipalities, Street Lighting System, Building, Heavy industries – such as Ordnance factory, Thermal Power Station</p> <p>6. Mr. Somanjan Ponda, CEA, Reg. No. EA 10629, B.E.(Electrical) Email: sponda@rediffmail.com Sectors : Power Transmission & Distribution, Small and Medium Enterprise – Galvanizing and Wire-drawing,</p> <p>7. Prof. Sukhendu Bhunia, BE (Mechanical), 1st Class 2nd; ME (Mfg. Technology) 1st Class 1st. Email: bhuniasukhendu@yahoo.co.in Sectors : Small and Medium Enterprise – Galvanizing and Wire-drawing, Heavy Engineering Industries</p> <p>8. Prof. Avishek Ray, BE (Applied Electronics & Instrumentation Engineering), MTech (Energy Science and Technology). Research Associate (Part-time) Email: avi_rkm@yahoo.co.in Sectors: Renewable Energy, Sponge Iron and Re-rolling Mills</p>
--	--	--

21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception	<ol style="list-style-type: none"> 1. Thermal Power Generation 2. Power Transmission & Distribution 3. Glass and Ceramics 4. Cotton and Textile 5. Small and Medium Enterprise 6. Municipalities including Street Lighting System 7. Building 8. Jute 9. Tea 10. Cement 11. Heavy industries – such as Ordnance factory 12. Iron & Steel Industry 13. Renewable Energy
22	Subject wise expertise	
(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	<ol style="list-style-type: none"> 1. Iron and Steel 2. Glass and Ceramics 3. Cotton and Textile 4. Small and Medium Enterprise – Galvanizing and Wire-drawing 5. Thermal Power Station
(b)	Energy audit thermal utility system (list sectors)	<ol style="list-style-type: none"> 1. Municipalities – Crematorium 2. Thermal Power Plant (Steam, Boiler and Turbine) 3. Iron and Steel 4. Glass and Ceramics 5. Cotton and Textile 6. Small and Medium Enterprise – Galvanizing and Wire-drawing 7. Ordnance (Arms and ammunition)
(c)	Energy audit electrical utility system (list sectors)	<ol style="list-style-type: none"> 1. Municipalities – Lighting, Water Pumping, Sewage, Pumping 2. Thermal Power Plant (Electrical System) 3. Street Lighting System 4. Iron and Steel 5. Glass and Ceramics

		<ul style="list-style-type: none"> 6. Cotton and Textile 7. Small and Medium Enterprise – Galvanizing and Wire-drawing 8. Ordnance (Arms and ammunition)
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> 1. Three Phase Power Analyser, Circuitor Make, Sr. No. 408506039 with Enercon AR.5 - Electrical Network Analysis System with Software 2. Digital Power Meter : MIC Make, Model 2090W, Sr. No. 209060002 3. Digital Photo Tachometer, Model DT 2234A, Lutron Make, Sr. No. K011033 4. Digital Lux Meter, model KM-LUX 99, Kusam-meco Make, Sr. No. 985553 5. Digital Tachometer, Model TH 4000, Make Line-Seiki, Model 747 6. Digital Multi-meter Model : MIC-7S, Make GM, Sr. No. LG 0171 7. Krykard Digital Power Analyzer, Model ALM 30, from Manaco Energy Solutions Pvt. Ltd, Sr. No. 303275 8. Precision Pyranometer 9. Thermoelectric Pyrheliometer 10. Diffuse Pyranometer 11. Current Power Clamp Meter 12. Insulation Tester – WACO 13. Analog - Digital Multi-meter 14. Stroboscope 15. Solar Power Meter, Kusam Meco Make, Model No. KM-SPM-11, Sr. No. 101201767
	(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> 1. Digital Flue Gas Analyzer: Delta 65, MRU, GmbH, Germany Make, Sr. No. 287330 2. Portable Gas Analyger, BI 2005, Sr. No. 500088. 3. Infrared Thermometer, Model MTX-9, Metravi Make, Sr. No. 17902090007 4. Digital Thermometer with K-type, Make CIE, Sr. No. 906672 5. Digital Anemomemer 6. Thermo Hygrometer, Kusam Meco Make,

		Model No. 918, Sr. No. 80236	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Observance of Energy Conservation Day – 2009 and ‘2nd IREDA Renewable Energy and Energy Efficiency Business Meet’ at IISWBM on December 14, 2009.	
(ii-iv)	Observance of Energy Conservation Day – 2010 and ‘3rd IREDA Renewable Energy and Energy Efficiency Business Meet’ at IISWBM on December 14, 2010 along with	the International Conference 2010 – 2011 on “Management and Social Welfare Issues: A Modern Perspective”, January 13 to 14, 2011, IISWBM, Kolkata.	Observance of Energy Conservation Day – 2010 and ‘4th IREDA Renewable Energy and Energy Efficiency Business Meet’ at IISWBM on December 14, 2011
(v-vii)	Fifth Short Term Course (STC-V) on Energy Management and Audit : the three-month certificate course held from January 14 to April 29, 2009, at IISWBM	Sixth Short Term Course (STC-VI) on Energy Management and Audit : the three-month certificate course held from July 9 to September 17, 2009, at IISWBM	Seventh Batch of Short Term Course on Energy Management & Audit organized during 4th July – 30th September 2011
(viii-ix)	All India Seminar on “ISO 50001 for Efficient Energy Management Systems in Industry” organized by IISWBM jointly with the Institution of Engineers (I), in association with the Bengal Chamber and the Association of Energy Engineers India Chapter, is organizing during 9th – 10th March 2012 at IISWBM	Provided the sole faculty for planning and training in the two-day workshop on “Enhancing Profitability Through Efficient Energy Management 2011” organized by Mindscape Asia Inc. held at The Mirador Hotel Andheri east Mumbai on 23rd & 24th May 2011	

D	Remarks(if any)

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