


Form Iv
(Refer Regulation 7(2))
Bureau Of Energy Efficiency
Register Containing Names Of Offices And Firms Of Accredited
Energy Auditors

Serial Number (AEA- 0172)		As On (26/11/2013)	
A.			
1	Name Of Accredited Energy Auditor	Pawan Kumar Tiwari	
2	Father's Name	S R Tiwari	
3	Date Of Certification As Energy Manager	Energy Auditor – 1 st February 2013	
4	Date Of Passing The Examination In “Energy Performance Assessment For Equipment And Utility Systems”	1 st February 2013	
5	Examination Registration Number Of (I) Energy Manager (ii) “Energy Performance Assessment For Equipment And Utility Systems”	E-16429	
6	Certificate Registration Number Of (I) Energy Manager (ii) “Energy Performance Assessment For Equipment And Utility Systems”	Ea-16429	
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	The Energy And Resources Institute (Teri)	
9	Date Of Accreditation As Accredited Energy Auditor	(To Be Filled By Bee)	
10	Type Of Firm/ Private/ Government / Ngo Etc.	Ngo	
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 Girish Sethi Director – Industrial Energy Efficiency Division Teri, India Habitat Centre, Lodhi Road, New Delhi – 110 003 Tel. 011-24682100/ 41594900 Fax. 011-24682144/ 24682145 Mobile. 09811392264	

12	Professional Postal Address With Pin Code Of The Accredited Energy Auditor	India Habitat Centre, Lodhi Road, New Delhi – 110 003
13	E-Mail Address	girishs@teri.res.in ;
14	Telephone Numbers . With Std Code (R) (O) Mobile No:	(O) 011-24682100/ 41504900
15	Year Of Establishment Of The Trade Name / Firms' Name For Undertaking The Energy Audit	1974
16	Year Of Commencement Of Energy Audit Of The Firm	1985
17	Whether Any Certificate To Support The Excellence In The System Has Been Obtained (Iso Etc.)	Yes, Iso 9001:2008
18	No. Of Branch Offices (List Of Complete Addresses Including Heads Of All Branch Offices With Telephone, Fax And Email Addresses)	List Attached As Appendix 1
C	Details Of Associated Energy Experts	
19	Number Of Resource Persons Available	24 (Certified Energy Auditors – 16)
20	I. Number. Of Full-Time Energy Auditors In Position With Work Experience Of All Energy Auditors Associated With The Firm	List Attached As Appendix 2
	ii. No. Of Part-Time Energy Auditors In Position During The Current Year / Previous Year Associated With The Energy Auditor / Energy Auditor's Firms.	Nil
21	Sectors In Which The Energy Auditor/ Energy Audit Firm Has Conducted Energy Audits Since Inception	Thermal Power Plants, Cement, Chemical, Textile, Pulp & Paper, Food Processing, Commercial Buildings And Hotels, Public Facilities - Airport, Petrochemicals, Refineries, Aluminum, Iron & Steel, Engineering, Etc.
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	Fertilizer, Oil & Gas, Petro-Chemical Processing Industry, Chlor-Alkali Industry, Dye & Chemical
(B)	Energy Audit Thermal Utility System (List Sectors)	Thermal Power Stations, Cement Industry, Automobile Manufacturing Plants, Textile Industry, Food Process Industry, Graphite

(C)	Energy Audit Electrical Utility System (List Sectors)	Semi-Conductor Manufacturing Industry, Commercial Establishments, Public Facility (Municipal Corporations, Jal Boards And Civil Airports), Hospitality Facilities & Services
23	Instruments Available	
	(A) Electrical (List The Name Of The Instruments)	Digital Lux Meter 545, Stroboscope 475, Digital Motor Tester Smt-20, Power Harmonics Analyzer/Power Meter-39, Power Quality Analyzer 43b, Power Quality Analyser 435, Harmonic Analyzer Ar5, Power Guide 4400
	(B) Thermal (List The Name Of The Instruments)	<p><u>Electrical Measurements</u> Power Quality Analyser (Three Phase And Single Phase), Digital Stroboscope, Lux Meter</p> <p><u>Temperature And Humidity Measurements</u> Non-Contact Temperature Indicator Km-848, Pyrometer Infra Therm Is-8 Plus, Temperature Indicator At-6160, Dual Channel Temperature Indicator N 1001, Data Logger Dt-800, Thermo-Hygrometer Dth-395, Thermal Imager,</p> <p><u>Flue Gas Measurements</u> Spectra 1600 GI Flue Gas Analyser, Vario Plus Flue Gas Analyser, Land Duo Flue Gas Analyser, 350 M/XI Flue Gas Analyzer, T330 2II Flue Gas Analyser</p> <p><u>Water Quality And Quantity Measurement</u> Senso Direct Ph 200, Senso Direct Con 200, Water Flow Meter Pt 878, Water Flow Meter Hydra Sx-30</p> <p><u>Pressure And Velocity Measurement</u> Pdm C 9557, Airpro Fco 520, Thermal Anemometer Ta5, Thermal Anemometer St 618, Vvm1 Velocity Monitor, Vvm2 Velocity Monitor</p> <p><u>Steam Leak Detection Measurements</u> Trap Man Tm2</p> <p><u>Indoor Air Quality Measurements</u> Velocicalc Plus 8386a, Dp-Calc Micro Manometer 8705, Dusttrak Aerosol Monitor 8520, Q-Trak Plus Iaq Monitor 8554, P-Trak Ultra Fine Particle Counter 8525</p>
24	Details Of Training Programme/ Seminars/ Workshops Conducted During The Last 3 Years In The Field Of Energy Efficiency / Energy Audit	
(i)	Workshop On "Status Of Mobile Air Conditioning Replacement Technologies"	2010
(ii)	Unido-Teri Meeting On The Industrial Development Report (Idr) 2011: "Industrial Energy Efficiency For Sustainable Wealth Creation"	2010

(iii)	Indo-Japan Energy Forum- “Business Opportunities In Energy Efficiency And Renewables”	2011
(iv)	Workshop On The Unido/Gef Project For 'Promoting Energy Efficiency And Renewable Energy In Selected Msme Clusters In India'	2011
(v)	Workshop On 'Heat Pump Technology' For Food Processing And Dairy Industry	2011
(vi)	Itec/Scapp Training Program On Renewable Energy And Energy Efficiency	2011
(vii)	Residential Program On Green Buildings For Senior Officers Of Life Insurance Corporation (Lic)	2011
(viii)	Unido - Gef Inception Workshop - Promoting Energy Efficiency And Renewable Energy In Selected Msme Clusters In India	2011
(ix)	4th India-Japan Energy Forum: Business Opportunities In Energy Efficiency And Renewables	2012
(x)	National Summit On Energy Efficiency In Msmes	2012
(xi)	India-Japan Energy Forum 2013 – Conference	2013

D	Remarks(If Any)

(Note: Responsibility Of The Authenticity Of The Above Information Rests With The Concerned Energy Auditor/Energy Auditing Agency.)

Teri Offices

Registered Office:

Darbari Seth Block
India Habitat Centre
Lodhi Road
New Delhi – 110 003

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Email: Mailbox@Teri.Res.In
Web www.Teriin.Org

Affiliate Institutes

Teri-Na (The Energy And Resources Institute - North America)

Teri North America
C/O S. Jacob Scherr
1152 15th Street Nw Suite 300
Washington, Dc 20005

Contact Person: Ms Annapurna Vancheswaran, Vice President
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Teri-Europe

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Ritu Kumar

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Isabelle Richaud

Isabelle.Richaud@Gmail.Com

Overseas Presence

Teri-Japan

4-11-4 Mihama,
Urayasu-Shi 279-0011, Japan

Contact Person: Dr Rabinder N Malik, Senior Visiting Fellow/Coordinator
Tel./Fax 81-47-352-3900
Email: Rabindermalik@Hotmail.Com

Teri-South-East Asia

Level 13, Wisma Tun Sambanthan
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Malaysia

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Tel +60 3 22745254
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Mobile +60 1 2238 4065
Fax +60 3 7783 5719
E-Mail Nimtech@Tm.Net.My

Teri Gulf Centre

Teri Gulf Centre
Dubai Mens College
Higher Colleges Of Technology
Academic City, Dubai, Uae

Contact Person: Ms Meena Janardhan
Telephone +971-50-8650912
Fax +971-8-4482743
E-Mail Meenasj@Teri.Res.In , Meejana@Gmail.Com

Mobile: +971-50-8650912
Email: Meenasj@Teri.Res.In / Meejana@Gmail.Com

Regional Centres

Southern Regional Centre

Ca Site No.2
4th Main, Domlur 2nd Stage
Bangalore - 560 071
Karnataka

Telephone +91 80 2535 6590-94
Fax +91 80 2535 6589
E-Mail Terisc@Teri.Res.In
Web Www.Teriin.Org/Teri-Sr/Index.Htm

North-Eastern Regional Centre

Teri Northeastern Regional Centre
Chachal (Borbari), Hengrabari
Express Highway
Guwahati-781 022, Assam, India

Contact Person: Mr Dipankar Saharia
Telephone +91 361 233 4790
E-Mail Terine@Teri.Res.In
Web Www.Teriin.Org/Teri-Ne/Index.Htm

Western Regional Centre

The Energy And Resources Institute
Western Regional Centre
House No.233/Gh-2
Vasudha Housing Colony
Alto-St.Cruz
Tiswadi, Goa

Contact Person: Mr Dr Suneel Pandey - Team Leader (The Coastal Ecology And Marine Resources Centre)
Tel: 91-832-2459306 And 2459338

Himalayan Centre

Latey Bunga, Mukteshwar
Distt. Nainital – 263 132

Contact Person: Mr Arvind Rana
Telephone +91 5942 286433
Fax +91 5942 286 460 / 286 433
E-Mail Arana@Teri.Res.In

Mumbai Office

Office No. 318, Raheja Arcade,
Sector 11, Cbd- Belapur,
Navi Mumbai - 400 614.

Maharashtra

Contact Person: Dr Anjali Parasnis

Tele And Fax: 022- 2758 0022

Tel: 022- 27580021/ 27580022/ 40241615/ 41233757

E-Mail Terimumbai@Teri.Res.In

Teri University

10, Institutional Area

Vasant Kunj

New Delhi – 110 070

Tel: 011-2612 2222

Fax : 011-26122874

Web Site: [Www. Teriuniversity.Ac.In](http://Www.Teriuniversity.Ac.In)

Brief Details Of Professionals Specialised In Energy Audit And Implementation Assistance

Sl. No.	Name & Designation	Educational Qualification	Experience	Energy Auditor's Exam Of Bee
1.	Mr Girish Sethi Sr Fellow	M.E. (Technology In The Tropics) - University Of Applied Sciences, Cologne (Germany) M.Tech (Energy Studies) – Indian Institute Of Technology, New Delhi	Total Experience Above 22 Years. Teri – 14 Years National Council For Cement And Building Materials, New Delhi – 8 Years	--
2.	Mr Prosanto Pal Sr Fellow	M. Sc. (Manufacturing Systems Engineering), University Of Warwick, Coventry, U.K., 1994 M. Sc. (Process Engineering), University Of Strathclyde, Glasgow, U.K., 1991 B. Tech. (Chemical Engineering), IIT, Delhi, 1986	Total Experience 21 Years. Teri – 14 Years Cmdc Design Private Limited, New Delhi – 2 Years National Research Development Corporation, New Delhi – 1 Year Britannia Industries Limited, Mumbai – 4 Years	--
3.	Mr N Vasudevan Sr Fellow	Be (Mechanical Engg) - Thiagarajar College Of Engg (Madurai Kamaraj Univ); M Tech (Energy Conservation) - Bhartidasan School Of Energy	Total Experience 17 Years. Teri – 16 Years Usha Martin Industries Limited, Kolkata – 1 Year	Certified Energy Auditor (Regn. No.Ea-1903)
4.	Dr Debashis Pramanik Fellow	Ph. D (Mechanical Engineering) From Bengal Engineering & Science University, Shibpur, Howrah, 2002-2005. M. Tech. In Energy Studies - IIT, New Delhi, B.Sc. (Engg) In Mechanical Engineering - BIT, Mesra, Ranchi University, Jharkhand.	Total Experience – 22 Years Teri – 19 Years Ankur Energy Development Pvt Ltd, Baroda – 6 Months Tata Steel (Rmd), Jharkhand - About 2 Years	--
5.	Mr Ananda Mohan Ghosh Fellow	M.Tech. (Engineering Systems & Management)	Teri – 9 Years Defence – 15 Years Total Experience – 24 Years	Certified Energy Auditor (Regn. No.Ea-1677)

<i>Sl. No.</i>	<i>Name & Designation</i>	<i>Educational Qualification</i>	<i>Experience</i>	<i>Energy Auditor's Exam Of Bee</i>
6.	Mr Sachin Kumar Fellow	M.E (Environmental Engineering) – Punjab Engg College, Chandigarh B.Tech (Civil Engineering) - Regional Engineering College, Hamirpur	Total Experience – 12 Years Teri – 7 Years Earlier Worked With Punjab State Council For Science And Technology (A State Government Undertaking), Chandigarh And Continental Construction (P) Ltd., New Delhi (Posted At Nathpa Jhakri Hydroelectric Project, Kinnaur, Himachal Pradesh)	--
7.	Mr Pawan Kumar Tiwari Associate Fellow	M.Tech (Energy Management) From School Of Energy And Environment Study, Indore B.E (Electronics) From Bhopal University)	Teri – 3 Years Earlier Worked With Kgl Systel Ltd., Sgs India Pvt. Ltd, And Conzerv Systems Pvt. Ltd.	Certified Energy Auditor (Regn. No.Ea-16429)
8.	Mr Gaurav Sharma Research Associate	Pg Certification (Energy Management), Aip – Npc, Chennai B.E (Mech.) – Nagpur University	Orient Cement - 1.5 Years Winrock International – 1 Year Teri – Since Janaury 2012	Certified Energy Auditor (Reg. No. Ea-16428)
9.	Rajeev Kumar Yadav Project Consultant	Be (Electronics & Communication) From Svmit Bharuch (Vnsgu) Mba (Power Management) From Upes, Dehradun	Teri – Since May 2012 Bureau Of Energy Efficiency – 1 Year 10 Months Apitco Ltd – 10 Months	Certified Energy Auditor (Reg. No.Ea-16545)
10.	Vivek Sharma Research Associate	Pgdmba In Operations Management From Symbiosis Centre For Distance Learning (Pune) Be (Mech.) From Amrutvahini College Of Engg (Pune University)	Teri – Joined In May 2012 Kirloskar Pneumatic Co. Ltd, Pune – 8 Months Everest Kanto Cylinder Ltd, Tarapur (Thane) – 3 Years Kinetic Engineering Ltd, Ahmednagar (Maharashtra) – 3 Years	Certified Energy Auditor (Regn. No.Ea-11735)
11.	Mr Shitij Kakkar Research Associate	B.E. (Electrical) From Delhi College Of Engineering	Teri – Since July 2012	--
12.	Mr Nand Gopal E Research Associate	M.Tech In Renewable Energy Engg And Management – Teru University B.Tech In Electrical And Electronics Engg.	Teri – Since July 2012	--

<i>Sl. No.</i>	<i>Name & Designation</i>	<i>Educational Qualification</i>	<i>Experience</i>	<i>Energy Auditor's Exam Of Bee</i>
13.	Mr Ayan Shubhro Ganguly Research Associate	M.Tech (Energy Management) Davv, Indore B.Tech (Electrical) – Nagpur University	Teri – Since September 2012 See Tech Solutions (P) Ltd – 2.5 Years Apitco Ltd – 2 Years	Certified Energy Auditor (Regn. No.Ea-14675)
14.	Chetankumar Adhar Sangole	B.E (Electrical Engineering) - Aiissms, College Of Engg, University Of Pune	Teri – Since 2013. Teri – Since .. Supreme Green Energy Solutions Pvt. Ltd, Pune – 2 Years S P Ranade Business Associated Services, Pune – 3 Years	Certified Energy Auditor (Regn. No. Ea-11028)
15.	Mr G R Narasimha Rao Sr Fellow	B Tech (Mech Engg.) M Tech (Energy Systems) Pg In Environmental Management	Teri –14 Years Andhra Pradesh Productivity Council – Above 1 Year Total Experience – Above 15 Years	Certified Energy Auditor (Regn. No.Ea-0011)
16.	Mr T Senthil Kumar Fellow	B E (Electrical & Electronics Engineering) M B A – Certificate Course In Energy Audit	Teri – Above 12 Years Audit And Conservation Of Energy Technologies Pvt. Ltd. – 2.5 Years Ttk Ltd. – Around 1 Year Total Experience – Around 16 Years	Certified Energy Auditor (Regn. No.Ea-0038)
17.	Mr D Ramesh Fellow	B E (Electronics Engineering) M.B.A (Mktg) Certificate Course In Energy Audit	Teri – 2 Years Gtz – 3.5 Years Others – 12.5 Years Total Experience –18 Years	Certified Energy Auditor (Regn. No.Ea-3914)
18.	Mr Vijayakumar C Research Associate	M.Tech (Energy Conservation & Management) B E (Chemical Engineering)	Teri – 2 Years Lipi Boilers – 2 Years Chemical Industry – 1 Year Total Experience – 5 Years	Certified Energy Auditor (Regn. No.Ea-5123)
19.	Mr M Nagarajan Research Associate	Be (Electrical & Electronics Engineering)	Teri – 3 Years	Certified Energy Auditor (Regn. No.Ea-11326)
20.	Mr T.Sivakumar Research Associate	Be (Electrical & Electronics Engineering) M.Tech. (Energy Conservation & Management) Diploma In Computer Technology	Teri – 1 Year Sridevi Boilers & Consultancy - 1 Year Pranam Consultants – 1 Year Bluemoon Electricals – 1 Year Cse Computers – 0.6 Months	Certified Energy Auditor (Regn. No.Ea-7931)

<i>Sl. No.</i>	<i>Name & Designation</i>	<i>Educational Qualification</i>	<i>Experience</i>	<i>Energy Auditor's Exam Of Bee</i>
21.	Mr B S Dwajan Sr. Fellow	B. E (Electrical) Tpspti – 1 Year Env. Management – 3 Months Pg Diploma In Industrial Management	Teri – Around 11 Years Cigfil – 3 Years Kpcl - 22 Years Total Experience – Nearly 36 Years	Certified Energy Auditor (Regn. No.Ea- 1759)
22.	Mr L. Manjunath Research Associate	M.Tech (Energy Engineering) B.E (Chemical)	Teri – 2 Years Consultancy Services – 1 Year Total Experience – 3 Years	--
23.	Mr Kumaraswamy. M Research Associate	B.E (Mechanical) From Malnad College Of Engineering/ Visveshawaraiah Institute Of Technology	Teri – Since 2008 (4 Years) Engineering Industry – 6 Years Total Experience – 7 Years	Certified Energy Auditor (Regn. No.Ea- 12102)
24.	Mr Atulkumar Yashwant Auti Research Associate	B.E (Chemical)	Teri – 8 Months Senery Consultants – 2 Years Total Experience – 2 Year 4 Months	