


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

Serial Number (AEA- 0043)		As on :- 11 June, 2014	
A.			
1	Name of accredited energy auditor	R.K. JAIN	
2	Father's name	SHRI R.C. JAIN	
3	Date of certification as Energy Manager	30/07/2009	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	11/02/2010	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-4110 EA-4110	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	3699 5023	
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	Katyani Energy Solutions Pvt. Ltd.	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Private	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	R.K. JAIN Katyani Energy Solutions Pvt. Ltd. B-13, Bhikaji Cama Place -5, Somdutt Chamber-1, New Delhi110066 Ph. No.:- 011-27157490 Mo. No.- 09717772068
12	Professional postal address with Pin Code of the accredited energy auditor	40, Karishma Appartments 27, I.P. Extension Delhi-110092
13	E-mail address	rajesh492003@yahoo.com
14	Telephone numbers with STD Code (R) (O) Mobile no:	011-43055260 011-27157490 09717772068
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1994
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.)	ISO 9001:2008
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Annexure-I enclosed
C	Details of Associated Energy Experts	
19	Number of resource persons available	10
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	

Name of the Firm : **Katyani Energy Solutions Pvt. Ltd.**

Name of Staff : **R. K. Jain**

Current Position : **Consulting Associate Director**

Years with Firm : **Since 01st April 2014**

Total Experience : **41 Years**

Nationality : **Indian**

Education : **BE. (Elect. Engg.), PG Diploma in Management (IGNOU),**

Special Training Courses : **Certified Energy Manager-cum- Auditor (BEE) with First class**

Languages Known : **Proficiency in Speaking Reading Writing**

a) English Excellent Excellent Excellent

b) Hindi Good Good Good

Employment Record :

S. No.	Employer	Position Held	Period	
			From	To
1	Katyani Energy Solutions Pvt. Ltd.	Consulting Associate Director	April 2014	Till date
2	Pranat Engineers Pvt. Ltd.	VP	April 2010	March 2014
3	NTPC Ltd. Delhi	A.G.M	Sept 2008	Jul 2009
4	NTPC Ltd. Noida	D. G. Manager	Apr 2002	Aug 2008
5	NTPC Ltd. Unchahar	D. G. Manager	Mar 2001	Apr 2002
6	NTPC Ltd. Delhi	Sr. Manager	Jan 1998	Mar 2001
7	NTPC Ltd. Delhi	Chief Design Engineer	Apr 1996	Dec 1997
8	DESU Delhi	ACDE/ DCDE	Aug 1984	Mar 1996
9	NTPC Ltd, Korba	Sr. Engineer	Dec 1981	July 1984
10	MPSEB, Amarkantak	Divi. Engineer	Nov 1978	Dec 1981
11	MPEB Jabalpur	Asstt. Engineer	Sept 1974	Nov 1978
12	MPEB Sarni	Asstt. Engineer	Sept 1972	Sept 1974
13	S.V. Polytechnic, Bhopal	Lecturer	July 1971	May 1972

Position	:	Director & Project Manager
Name of Firm	:	Pranat Engineers Pvt. Ltd
Name of Staff	:	Akash Jain
Profession	:	Self Employed
Years with Firm	:	15 Years
Key Qualifications	:	Certified Measurement & Verification Professional, ESCO projects and Investment Grade Energy Audits

Director of Pranat Engineers Pvt. Ltd

Engaged in energy efficiency management since 1994. Have saved more 10 MW of power for the country through various products and services. Have executed many prestigious projects in the country directly or indirectly, such as, NDMC, Palika Kendra, New Delhi, PM House, President House, Vigyan Bhawan, Nirman Bhawan etc.

Since October, 2008 till March, 2009; was engaged with the assignment of carrying out Energy Efficient Measures in the Street Lighting of Panchkula, for Haryana Urban Development Authority & Haryana Renewable Energy Development Agency. The project involved replacement of Conventional Sodium Vapor and Mercury Vapor fittings with Energy Efficient T-5 based 1 x 14W, 2 X 14W, 1X 24W & 2 X 24W fittings through ESCO model.

He has widely traveled internationally for various exhibitions, conferences, seminars and technological tie-ups. He has traveled to Germany, France, U.K. Bangkok etc.

He is a well known person in the field of energy conservation and has obtained the empanelment of the company with IREDA AND B.E.E. as an ESCO.

Name of the Firm	:	Pranat Engineers Pvt. Ltd.
Name of Staff	:	Ajay Kumar Jain
Current Position	:	General Manager
Years with Firm	:	Since April 2010
Total Experience	:	34 Years
Nationality	:	Indian
Education Qualification	:	Certified Energy Manager (BEE)

Major energy conservation studies

- Energy audit in PT. Bumi Sunrise, Indonesia.
- Energy audit in PT. Indo liberty, Indonesia.
- Energy audit in Bharat Heavy Electrical Ltd., Haridwar.
- Energy audit in IFFCO, Phool Pur.
- Thermal insulation survey in IFFCO, Phool Pur & IFFCO Anoola.
- Energy audit in JCB Ltd.
- Energy audit in hero Honda ltd.
- Energy audit in coca cola
- Energy audits in reputed textile units in Panipat like Sheena exports, Paliwal exports.
- Energy audits in Indian rayon group, RSWM Banswara, & Vardhman group.
- Energy audit in KKBirla group of companies.
- Electrical and fuel audits in reputed steel re rolling mills, Induction and Arc furnaces.
- Energy audits of ordinance factory of Kanpur and Dehradun.
- Energy audits in reputed hotels.
- Energy audits of buildings like Nuclear science center, national institute of immunology, Yojna Bhavan, South & north block, Indian institute of petroleum, Punjab national bank, IIPM etc.
- Energy audit in hospitals.
- Energy audits in pharma industries like Akumb drugs Alberd David Etc.
- Energy audits in auto sector industries like Autofit, pinnacle industries etc.
- Energy audit of steel plants.

NEERAJ KAPOOR
IA – 32A ASHOK VIHAR
PHASE – 1, DELHI – 110052.
Ph.: 27461454, Fax: 27127451, 9811188915
E-mail: nkav15@hotmail.com

NAME : **NEERAJ KAPOOR**
DATE OF BIRTH : 25 – 09 – 1960
QUALIFICATION : BE (Elect.), FIV, MIE, Chartered Engineer, FICA, MICA,
Govt. Regd. Valuer (Plant & Machinery)

Energy Auditing:-

- ⇒ Commercial Building- TCS, IOCL, HPCL, Chennai, CMC, Vellore.
- ⇒ Steel Plant Project.
Municipal Demand side Management Projects of BEE in Faridkot
Punjab, Sagar MP, Madurai Municipal Corporation, TN.
- ⇒ Vehicle Factory, Jabalpur, Govt. of India, Ministry of Power.
- ⇒ Traction Distribution Projects in Southern Railway & South
Western Railway.
- ⇒ Number of Industrial Sectors, SMEs all over India.

II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	
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Name of Staff	:	Vinod Kumar Luhadiya
Profession	:	Energy Auditor
Years with Firm	:	Since 2006
Detailed Tasks Assigned	:	Conducting of Investment Grade Energy Audit of MuDSM Programme along with his team as per the Municipalities assigned and preparation of DPR's

Name of Firm	:	Pranat Engineers Pvt. Ltd
Name of Staff	:	Manoj Kumar Ray
Profession	:	Energy Auditor
Years with Firm	:	Since March, 2009
Membership in Professional Societies	:	
Detailed Tasks Assigned	:	Energy Auditing and conservation energy by suggesting energy efficient measures for different utilities
Key Qualification	:	Detailed Energy Auditing and execution of projects for energy conservation
Education	:	B.E. Mechanical from Calcutta University, 1967 College, Meerut M.B.A. from Delhi University, 1983 Certified Energy Auditor from BEE India
Name of Firm	:	Pranat Engineers Pvt. Ltd
Name of Staff	:	C.M. Jain
Profession	:	Senior Consultant
Years with Firm	:	Since September, 2008
Membership in Professional Societies	:	Institute of Engineers , India Institute of Electrical & Electronics Engineers Inc, U.S.A Indian Society of Engineers Indian Institute of Plant Engineers Society of Power Engineers Chartered Engineer
Detailed Tasks Assigned	:	Core activities at corporate level
Key Qualification	:	Sub-transmission study on Environment & Safety for Distribution Companies in Rajasthan
Education	:	Graduate in Electrical Engineering from University of Jodhpur, Jodhpur

Name of Firm : Pranat Engineers Pvt. Ltd.

Name of Staff : Prem Shankar

Years with Firm : 2 years

Detailed Tasks Assigned :

- Undertaking electrical and thermal audits of the facilities to assess the potential for improving energy efficiency.
- Proposing the retrofit / technology up gradation interventions that can help in achievement of the energy saving potential
- Assessment of the Return on Investment (ROI) for the selected intervention for realizing the energy saving potential
- Preparation of bankable documents for distribution of loans to the enterprises keeping securitization options in mind (on case to case basis)
- Providing assistance in the implementation of the energy efficiency improvement interventions.
- Undertaking Specific Energy Consumption (SEC) and Bench marking studies in various sectors of industry.
- Providing recommendation on achieving internal benchmarks
- Capacity building of organisation to conduct self energy audit & to achieve benchmark
- Assessment of Industry benchmark & assessment of gaps between internal and industry benchmarks
- Development of Clean Development Mechanism (CDM) Project (s)

Education : B.E. (**ELECTRICAL ENGG.**) with First class from Bhagalpur Engineering College, Bhagalpur in 1995, M.Tech. (**ENERGY STUDIES**) from IIT Delhi in 2000

21	Sectors in which the energy auditor has conducted energy audits since inception	Power(Thermal, Gas, Hydro, Solar & Wind), , Steel & Iron, Textiles, TPIEA, Green Buildings, Hotels, Minerals & metals, Measurements & Verification
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22	Subject wise expertise	Buildings, Municipal & Textile industry etc. for energy efficiency/AT&C Losses.
(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	PAT
(b)	Energy audit thermal utility system (list sectors)	NIL
(c)	Energy audit electrical utility system (list sectors)	R-APDRP of HPSEB, BSEB.
23	Instruments available	
	(a) Electrical (list the name of the instruments)	
	(b) Thermal (list the name of the instruments)	
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	No. of Seminar & Workshop.
(i)		
(ii)		
(iii)		

D	Remarks(if any)

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