


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

Serial Number (AEA- 0170)		As on - (26/11/2013)	
A.			
1	Name of accredited energy auditor	Lakshmi Narain	Photograph of the energy auditor 
2	Father's name	Late Shri Uttam Chand Gulati	
3	Date of certification as Energy Manager	2006	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2006	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-0597	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	2220	
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	M/S Avartanah Infrastructure Pvt Ltd	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government /	Pvt Ltd	

	NGO etc.	
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Shri M.D.Senapati Director, C-217, Sector-63,Noida(UP) 0120-4272482 9868205395 mdsenapati@yahoo.com
12	Professional postal address with Pin Code of the accredited energy auditor	A-119(GF),Derawal Nagar, Opp Model Town,Delhi-110009
13	E-mail address	lakshminarain@yahoo.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	011-27457124 09811622699
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2008
16	Year of commencement of energy audit of the firm	
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)	1 M.K.Chakravarty C-217, Sector 63, Noida(UP) 0120-4272482, 9811774674 mkc@avartanah.com
C	Details of Associated Energy Experts	
19	Number of resource persons available	6 CVs attached
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	One CV attached
	II. No. of part-time energy auditors in position during the current year /	one CV attached

	previous year associated with the energy auditor / energy auditor's firms.		
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	Thermal Power Plants	
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	Thermal Power Plants	
(b)	Energy audit thermal utility system (list sectors)	Thermal Power Plants	
(c)	Energy audit electrical utility system (list sectors)	Thermal Power Plants	
23	Instruments available		
	(a) Electrical (list the name of the instruments)	1. Load Manager (in arrangement with M/S Energy Audit Services, Faridabad) 2.Digital Lux Meter	
	(b) Thermal (list the name of the instruments)	1. Flue Gas Analyser (in arrangement with M/S Energy Audit Services, Faridabad. 2. Digital Thermometer (in arrangement with M/S Energy Audit Services, Faridabad) NOTE: More instruments will be purchased after getting the work order for energy audit.	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	1.PAT related Workshops for Thermal Power Plants conducted by BEE at (i) NTPC-Dadri on 15/2/2011 (ii) Ahmedabad on 25/2/2011 (iii) Raipur on 28/2/2011 (iv) Hyderabad on 17/3/2011	During my stay in CEETEM group of NTPC, I was responsible for arranging annual 'NTPC Energy Managers Conference', annual O&M International Conference

		2. Conducted as “ Guest Faculty ” 11 no of Workshops, on behalf of then Evonik Energy Services Ltd (now Steag Energy Services Ltd) on ‘Guidelines for Energy Audits in Thermal Power Plants’ during 2009-10 at Nagpur, Faridabad, Durgapur & Neveyli Centres of NPTI.	& annual ‘Topic Specific Energy Saving Potentials’ workshop in addition to ‘Regional Energy Review’ Workshops & many other training workshops/conferences related to energy conservation/Efficiency improvement in Thermal Power Plants.
(ii)			
(iii)			

D	Remarks(if any)

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

CVs of Resource Persons

Name: Mr. Diwakar Nath Pandey

Qualification: B.Sc , B.Tech (Electrical)

Experience: 33 years

Previous Employment: Additional General Manager N.T.P.C (EOC)

- Worked 5 year in M/S Renu Sagar Power Company Limited as a Assistant Engineer (Electrical Maintenance)
- Worked 10 years in N.T.P.C Shakti nagar , Sonbhadra (U.P) as Operation Engineer and in Maintenance Planning
- Worked 18 years in N.T.P.C Corporate Operation Services EOC Noida and retired as Additional General Manager (OS).

Name: - Mr. M.K CHAKRAVARTY

Qualification: FIE (Electrical & Telecom)

Experience: Over 30 Years of experience in various projects of N.T.P.C

- Worked in Toshniwal Instruments as Technical assistant.

- Worked in Bardarpur Thermal Power Station as Controller Grade-1
- Worked in Singrauli thermal Power Station as Sr. Engineer
- Worked as Sr. Supdt. (Control & Instrumentation) in N.T.P.C, Dadri.

Name: - Mr. SHYAMSUNDER

Qualification:-

Academic

- B.Sc.1966
- C&G industrial Electronics U. 1983
- Diploma in per management. and business Adm. 1987

Experience: -

- Total 43 years in C&I from conventional C&I to up Based C&I System of Power station

Specialization

- TSI, Analytical, Station Aux C&I, PRE, Temp, Lvl , Flow , Protection & Interlocks, Valves and Dampers , Auto controls of Main plant.

Name:- Mr. HARMEET SINGH

Qualification:- MIE (Electrical Engg.)

Experience:- Retired as AGM from NTPC. In addition to NTPC worked in

- GEC, Tripoli, Libia was selected through foreign assignment section of minister of home affairs (Govt. of India)

- Went on deputation to B.S.E.S, Delhi as DGM (Protection)
- Again went on deputation to IPGCL/PPCL, Delhi and worked their as DGM (Protection)
- After Retirement worked as consultant (Electrical) with PPCL3 for 1500MW gas based Bawana station.

Name:- S. K . BASU

Qualification:- B.E (Mechanical Engg.)

Experience:-

- 12 years in Operation & Maintenance of captive power plant of Bhilai Steel Plant (SAIL)
- 27 years in in NTPC (O&M) at Ramagundam, Farakka, Kahalgaon stations in Operation/ Maintenance / Maintenance Planning department and corporate operation services of NTPC to monitor balance of plants equipments of entire NTPC running stations problems in troubleshooting area and solution to the problems.
- Retired as AGM (O.S) at NTPC Corporate Centre.
- After retirement worked as faculty for training graduates trainees at ALSTOM Power services at Noida.

Name:- SUBRAT KUMAR SAHOO

Qualification:- PG Diploma in Thermal Power Plant Engineering

Experience: - 5.6 year

- Worked as GET O & M in 33/11 Kv Substation in Central Electricity Supply Utility of Odisha.
- Worked as Engineer - Power plant equipment codification at Adani Power Limited.
- Worked as Sr. Engineer - Erection, testing & commissioning at 33/6.6 Kv indoor substation at Indiabulls Realtech Limited., 33/11 Kv substation at Visa Power Limited.
- Currently working as Asst. Manager - Project coordination, management & monitoring for external electrification at NLU, Cuttack, Odisha, construction & upgradation of 33/11 Kv substation & 33 Kv, 11 Kv line work at Tinsukia division, Assam.

CV of Shri Rajender Singh

Name: Rajender Singh s/o Shri Zaber Singh

Date of Birth: 1st July 1951

Email: rs171951@yahoo.com Mobile No: 9810998682

Educational Qualification: After High School/Intermediate passed B.Tech in Electrical Engineering in 1972 from G.B.Pant University, Pant Nagar, Nainital (Uttarakhand).

Passed Master of Engineering in 1974 in Electrical Engineering-Power System from Roorkee University, Roorkee (Uttarakhand).

Passed Certified Energy Auditor Examination of BEE in 2006.

Experience: More than 36 years.

Joined BHEL as Engineer Trainee in Jan,1975 & rose to the level of General Manager. Superannuated from BHEL in July,2011. Was involved in T.G.Engineering for 18 years & then in Performance Testing/ Energy Audits of Steam/Gas Turbines & T.G Sets of different sizes.

Was involved in review of Baseline Energy Audit Reports of different Thermal Power Plants covered under PAT scheme of BEE, on behalf of EESL.

Was involved in energy audits of different office buildings in M.P. & Haryana.

