

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

Serial Number: AEA-274		As on Date: 02nd November, 2017	
A.			
1	Name of accredited energy auditor	ANAND KUMAR JHA	Photograph of the energy auditor
2	Father's name	KAMAL KANT JHA	
3	Date of certification as Energy Manager	6th April 2005	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Exam Date 23 rd May 2004 Result Date 31 st Aug 2004	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-1888	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Provisional certificate No 0412	
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	NTPC LTD	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Government (Central PSU)	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Sh Alok Shrivastava, GM (CenPEEP & CEETEM) Corporate Center, Engineering Office Complex(EOC),Sector-24,Noida-201307(UP) Ph.0120-2410316, Mob- 09650998290;09415243138 Fax:0120-2410322	
12	Professional postal address with Pin Code of the accredited energy auditor	Anand Kumar Jha D-151, Gaur Grandeur, Sector-119, Noida- 201301(UP)	Anand Kumar Jha DGM NTPC Ltd, EOC Sector-24 Noida-201301(UP)
13	E-mail address	anandjha01@ntpc.co.in; anandjha11973@gmail.com	
14	Telephone numbers. with STD Code (R) (O) Mobile no:	0120-4900756 0120-4942633 09650991865	
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1975	
16	Year of commencement of energy audit of the firm	1997	
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)	NIL	
C	Details of Associated Energy Experts		
19	Number of resource persons available		

20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<ol style="list-style-type: none"> 1. Sh.Sanjay verma-31yrs experience in both Thermal & Gas power station & 11 yrs in energy audits of Thermal & Gas Power stations. He is an accredited auditor (AEA-017) & had participated in more than 40 audits. sanjayverma@ntpc.co.in 2. Sh. Sanjay Kr.Tyagi-25yrs experience in Gas power station & 10 yrs in energy audits of Thermal & Gas Power stations He is an accredited auditor(AEA-062)& had participated in more than 40 audits. sanjayktyagi@ntpc.co.in 3. Sh.Samir Sharma-21 yrs experience in Thermal power station & 10yrs in energy audits of Thermal & Gas Power stations. He is an accredited auditor (AEA-061) & had participated in more than 40 audits. samirsharma@ntpc.co.in 4. Sh.Partha Nag-28yrs experience in Thermal power station & 9 yrs in energy audits of Thermal Power stations. He is a certified Energy Auditor (EA-9383). parthanag@ntpc.co.in 5. Sh S P Karna 24 yrs experience in Thermal power station & 11 yrs in energy audits of Thermal Power stations. He is a certified Energy Auditor (EA-9382). spkarna@ntpc.co.in 6. Ms Jhimli Dhar 22yrs experience in Thermal power station & 19 yrs in energy audits of Thermal Power stations. She is a certified Energy Auditor (EA-10887). jhimlidhar@ntpc.co.in
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	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	<table border="1"> <thead> <tr> <th>S N</th> <th>Name</th> <th>EA No</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Karthik Parshuram</td> <td>EA-16768</td> </tr> <tr> <td>2</td> <td>Sh Pankaj Tiwari</td> <td>EA-13038</td> </tr> <tr> <td>3</td> <td>R K Jha</td> <td>EA-3529</td> </tr> <tr> <td>4</td> <td>H. Chaturvadi</td> <td>EA-6865</td> </tr> <tr> <td>5</td> <td>Sunil Upadhyay</td> <td>EA-4867</td> </tr> <tr> <td>6</td> <td>Sh Ashish Shukla</td> <td>EA-9445</td> </tr> <tr> <td>7</td> <td>Sh Kanchan Singh</td> <td>EA-11026</td> </tr> <tr> <td>8</td> <td>Sh. B. Chandrashekhar</td> <td>EA-18583</td> </tr> <tr> <td>9</td> <td>Sh. Sanjay Srivastava</td> <td>EA-7857</td> </tr> <tr> <td>10</td> <td>Sh Amit Yadav</td> <td>EA-10869</td> </tr> </tbody> </table>	S N	Name	EA No	1	Karthik Parshuram	EA-16768	2	Sh Pankaj Tiwari	EA-13038	3	R K Jha	EA-3529	4	H. Chaturvadi	EA-6865	5	Sunil Upadhyay	EA-4867	6	Sh Ashish Shukla	EA-9445	7	Sh Kanchan Singh	EA-11026	8	Sh. B. Chandrashekhar	EA-18583	9	Sh. Sanjay Srivastava	EA-7857	10	Sh Amit Yadav	EA-10869
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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- Boiler, Steam Turbine, Milling, Feed water system, HP heaters Air Pre Heater, Condenser, Aux. Power Consumption, Coal Handling, Ash Handling, CW –CT system, Pump, Fan, Thermal insulation	
(b)	Energy audit thermal utility system (list sectors)	Thermal Power Plants- Boiler, Steam Turbine, Milling, Feed water system, HP heaters Air Pre Heater, Condenser	
(c)	Energy audit electrical utility system (list sectors)	Thermal Power Plants- -Aux. Power Consumption, Coal Handling, Ash Handling, CW – CT system, Pump, Fan, Thermal insulation	
23	Instruments available		
	(a) Electrical (list the name of the instruments)	OLEMS(Online Energy Monitoring System)/ 3 phase Power analyzer Multimeter	
	(b) Thermal (list the name of the instruments)	Flue Gas Analyzer Non-Contact IR Gun Ultrasonic flowmeter Vane type Anemometer Pressure transmitter, RTD Lux meter	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Topic specific Efficiency workshop on best practices sharing & identification of improvement potential areas & opportunities in thermal power stations (Once every year)	05 Nos

(ii)		Energy Manager's Conference	03 Nos
(iii)		PAT workshop/ Meeting in PMI	>06 Nos
(iv)		Participated in technical committee of BEE on PAT & awareness program for new DC's at BEE.	03 Nos
(v)		Conducted technical session on awareness on PAT & importance of Efficiency aspect for O&M personnel in PMI Noida	03 Nos

D	Remarks(if any)
	<p>While working in NTPC at Corporate Center, I am responsible for conductance of Energy audit, Performance testing & gap analysis of coal station, development of performance improvement action plan & their follow up with the station for implementation, facilitation of implementation of PAT scheme across NTPC DC's</p> <p>We are also facilitating various efficiency improvement measures in Thermal Power Plants by demonstrating MW analysis, benefit of sliding pressure operation at part load,105% capability testing of machine & system, reference comparison for carrying comparison amongst similar type of machine, remote monitoring of station performance using various tools like PI application, Thermal loss Analysis(TLA) using PI process parameters, System Energy Efficiency Display(SEED) using OLEMS data & process parameters from PI system.</p> <p>We are also facilitating various state utility by Performance testing, gap analysis & preparation of performance improvement action plan for coal station</p>

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