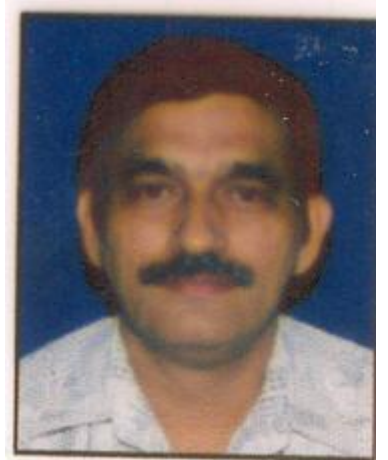


FORM IV
(Refer regulation 7(2))
Bureau of Energy Efficiency
REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED
ENERGY AUDITORS

Serial Number (AEA - 0062)		As on :- 26 February, 2013
A.		
1	Name of accredited energy auditor	Sanjay Kumar Tyagi
2	Father's name	Sh R S Tyagi
3	Date of certification as Energy Manager	6 th April 2005
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Exam 23 rd May'04 Result dt 31 st Aug'04
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-1092
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	
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 /	Government(Central PSU)



	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)	Sh Lalji Agrawal, AGM(CEETEM) NTPC Ltd Engineering Office Complex (EOC) Sector-24 Noida-201301, (UP) Ph. 0120-2410527(off), 09650992703 Fax:0120-2140357 laljiagrawal@ntpc.co.in
12	Professional postal address with Pin Code of the accredited energy auditor	Sr Manager (CEETEM) NTPC Ltd,EOC Sector-24 Noida-201301
13	E-mail address	sktyagi@ntpceoc.co.in ; sktyagi5962@gmail.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	0120-2403510 0120-2410240 09650992137
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	<p>1. Sanjay Verma- 20 yrs O&M experience in power plants and 7 yrs in energy audits of thermal power stations. He is Certified Energy Auditor (EA-1272) and had participated in more than 30 energy audits in TPS. sanjayverma@ntpc.co.in</p> <p>2. Samir Sharma - 8 yrs O&M experience in coal based power plant and 6 yrs in energy audits of thermal power stations. He is Certified</p>

		<p>Energy Auditor (EA-1878) and had participated in more than 25 energy audits in TPS. samirsharma@ntpceoc.co.in</p> <p>3. Harish Kumar – Total 24 yrs of experience in coal based power plants including 7 years in energy auditing. He is a Certified Energy Auditor (EA- 3531) and has conducted more than 25 energy audits in thermal power stations. harishkumar01@ntpc.co.in</p> <p>4. M. M. Chawla - Total 27 yrs of experience in coal based power plants including 13 years in energy auditing. He is a Certified Energy Auditor (EA - 0611) and has conducted more than 60 energy audits in thermal power stations. mmchawla@ntpceoc.co.in</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>	<table border="1"> <thead> <tr> <th>S.No</th> <th>Name</th> <th>CEA-No</th> <th>Email</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pradeep Jain</td> <td>EA-10304</td> <td>jain98@ntpceoc.co.in</td> </tr> <tr> <td>2</td> <td>Dipak Sarkar</td> <td>EA-0986</td> <td>sarkar_dipak@yahoo.com</td> </tr> <tr> <td>3</td> <td>B.L Yadav</td> <td>EA 8693</td> <td>blyadav@ntpc.co.in</td> </tr> <tr> <td>4</td> <td>Harish Kumar</td> <td>EA-9927</td> <td>hkumar@ntpceoc.co.in</td> </tr> <tr> <td>5</td> <td>Sanjay Kumar</td> <td>EA-9981</td> <td>sanjaykumar02@ntpc.co.in</td> </tr> <tr> <td>6</td> <td>S. Mallikarjuna</td> <td>EA-13248</td> <td>smallikarjun@ntpc.co.in</td> </tr> <tr> <td>7</td> <td>Y.K.Sharma</td> <td>EA-7436</td> <td>yksharma@ntpceoc.co.in</td> </tr> <tr> <td>8</td> <td>S K Singhal</td> <td>EA-9301</td> <td>sanjaysinghal@ntpc.co.in</td> </tr> <tr> <td>9</td> <td>M.K. Malviya</td> <td>EA-2182</td> <td>manishkumarmalviya@ntpc.co.in</td> </tr> <tr> <td>10</td> <td>Sujay Karmakar</td> <td>EA-1042</td> <td>sujaykarmakar@ntpc.co.in</td> </tr> </tbody> </table> <p>Note : All these auditors have experience of energy auditing in Thermal Power Stations.</p>	S.No	Name	CEA-No	Email	1	Pradeep Jain	EA-10304	jain98@ntpceoc.co.in	2	Dipak Sarkar	EA-0986	sarkar_dipak@yahoo.com	3	B.L Yadav	EA 8693	blyadav@ntpc.co.in	4	Harish Kumar	EA-9927	hkumar@ntpceoc.co.in	5	Sanjay Kumar	EA-9981	sanjaykumar02@ntpc.co.in	6	S. Mallikarjuna	EA-13248	smallikarjun@ntpc.co.in	7	Y.K.Sharma	EA-7436	yksharma@ntpceoc.co.in	8	S K Singhal	EA-9301	sanjaysinghal@ntpc.co.in	9	M.K. Malviya	EA-2182	manishkumarmalviya@ntpc.co.in	10	Sujay Karmakar	EA-1042	sujaykarmakar@ntpc.co.in
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21	Sectors in which the energy auditor has conducted energy audits since inception	Power Sector, Building Sector																																												
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	Nil	
(b)	Energy audit thermal utility system (list sectors)	Power sector – Boiler, steam turbine, gas turbine, HRSG, Milling, coal handling, ash handling, CW system including CT's,	
(c)	Energy audit electrical utility system (list sectors)	Power sector – Aux. Power Consumption, Pumps, Fans, Compressors, HVAC, Lighting, Thermal insulation, Building Sector – Electrical, HVAC, Lighting	
23	Instruments available		
	(a) Electrical (list the name of the instruments)	a. 3-phase Power Analyzer (2 nos.) b. Multimeter c. Tong tester d. Lux meter	
	(b) Thermal (list the name of the instruments)	a. Non-contact infrared gun b. Ultrasonic flowmeter c. Flue gas analyzer d. Vane type Anemometer e. Digital hygrometer f. Non-contact techometer	
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Topic specific workshops on EC opportunities in thermal power stations (once every year)	3 nos.
(i)		Energy Manager's Conference (once every year)	3 nos.
(ii)		3L workshops (BEE)	2 nos.
(iii)		Training program on energy Audit procedures & techniques in thermal power plants(2010)	01 no
(iv)			

D	Remarks(if any)

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