


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

Serial Number (AEA-211)		As on 26/6/2015	
A.			
1	Name of accredited energy auditor	Sem Prakash Goel	
2	Father's name	Shri Des Raj Goel	
3	Date of certification as Energy Manager	06.04.2005	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	06.04.2005	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	CEA – 2139 CEA – 2139	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	797 797	
7	Date of issue of accreditation certificate	26 th June 2015	
B.			
8	Trade name / firms name under which energy audit is proposed to be conducted	PTC India Limited	
9	Date of accreditation as accredited energy auditor	26 th June 2015	
10	Type of firm/ private/ Government / NGO etc.	Public Limited Company	
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. Rajiv K. Mishra Director –Marketing & BD PTC India Limited 2 nd Floor, NBCC Tower, 15, Bhikaji Cama Place New Delhi-110066, India Ph.-011-41595100 Fax: 011-41659145 E-mail: rajiv.mishra@ptcindia.com Web: www.ptcindia.com	

12	Professional postal address with Pin Code of the accredited energy auditor	Flat No. D – 003, Amrapali Eden Park, Plot F-27, Sector -50, Noida -201301 Uttar Pradesh
13	E-mail address	goelspkg@gmail.com sp.goel@ptcindia.com rajiv.mishra@ptcindia.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	91-120-4916171 91-9811311464
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1998
16	Year of commencement of energy audit of the firm	2008
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Marketing network throughout India and abroad for various products and services Execution of Energy Audits is from Delhi Office
C		
19	Number of resource persons available	5
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	5 1. Mr. S P Goel (Former Executive Director, Indian Oil Corporation Ltd. & Director (I/C), PCRA) Mr. S P Goel is a Post Graduate in Chemical Engineering. Prior to joining AMTL as Principal Energy Consultant, He was holding the post of Executive Director, Indian Oil Corporation Ltd. , a "Fortune 500" company and was working as Director (In-charge), PCRA (Petroleum Conservation Research Association), Ministry of Petroleum & Natural Gas , on deputation basis. He has worked in the area of Energy Conservation & Energy Efficiency Improvement Studies and has guided a team of highly skilled Engineers to carry out the Energy Audits & Energy Performance Studies in various industries. While in PCRA, he has written a knowledge packed book on Energy Conservation Practices supplemented by case studies and

practical calculations.

He has got over 30 years of practical working experience in IOCL and has worked in 4 no. of its refineries in Operation and Technical Services Departments at various positions in **Mathura, Gujarat, Guwahati and Panipat Refineries**. He has also worked at Refineries Head Quarters as General Manager (Technical), where one of the key jobs was to set up Energy Conservation targets and continuous monitoring/benchmarking thereof for all the IOCL refineries.

He was also deputed to work as Sr. Deputy Director, Oil Coordination Committee, wherein his key job involved the fixing of Standard Yield Patterns & Energy consumption Norms for all the 12 Refineries in India. He was also seconded on a 2 years term assignment to **work as Head of Technical Training, Petronas, Malaysia**. He has also worked in the Benchmarking Cell. where various Performance Parameters including Energy Efficiency norms were benchmarked against the Pace-setter Refineries of the world. Mr. Goel is an **Accredited Energy auditor** & also a **Certified Energy Auditor/ Energy Manager** under the Energy Conservation Act, 2001 by the Bureau of Energy Efficiency, under Ministry of Power, Govt. of India. More than 30 years of experience in Energy of Oil & Gas , Technical Audit/ Energy Efficiency of Refineries including Power Plants etc.

2. Mr. Ashish Dev

Certified Energy Auditor (CEA- 19680)

Having more than 7 years' experience in the field of energy auditing and management services.

3. Mr. Arpit Agarwal

Certified Energy Auditor (CEA-12716)

Having more than 7 years' experience in the field of energy auditing and management services.

4. Mr. Rajneesh Kumar

M.tech (Energy system)

Having more than 7 years' experience in the field of energy auditing and management services.

5. Mr. Anish V. Koushik

Certified ISO 50001 Auditor

Having more than 4 years' experience in the field of energy auditing and management services.

	II. No. of part-time energy auditors in position during the current year / 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	<ol style="list-style-type: none"> 1) TPP 2) Iron & Steel 3) Refineries 4) Fertilizers 5) Distribution Companies 6) Commercial Buildings 7) Railways 8) Airports 9) FMCG 10) Automobiles 11) Textiles 12) Tea Estates 13) Hospitals etc.
22	Subject wise expertise	<ol style="list-style-type: none"> a) Thermal Audit b) Process Audit c) Commercial Buildings audit d) Electrical Audit
(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	<ol style="list-style-type: none"> a) Refineries b) Petrochemicals c) Gas Processing Plants
(b)	Energy audit thermal utility system (list sectors)	<ol style="list-style-type: none"> a) Steel b) Paper c) Refinery d) Chemical e) Thermal Power Plants f) Cement
(c)	Energy audit electrical utility system (list sectors)	<ol style="list-style-type: none"> a) Steel b) Paper c) Textile d) Chemical e) Thermal Power Plants f) Commercial Buildings
23	Instruments available	<p>Flow meter</p> <p>Power Analyser</p> <p>Digital laser distance meter</p> <p>Digital lux meter</p>

		Power clamp meter Digital Anemometer Digital Thermo hygrometer Data logger Detailed list of Instruments is attached with form.
	(a) Electrical (list the name of the instruments)	a) Power Analyser b) Power Analyser c) Clamp Meter d) Lux Meter e) Multimeter f) Laser Distance Meter
	(b) Thermal (list the name of the instruments)	a) Thermal Imager b) Ultra Sonic Flow meter c) Infrared Thermometer d) Thermo Hydrometer e) Anemometer, AM4201, Lutron
24 (i)	Details of training program / seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	

D	Remarks(if any)

I hereby state that information furnished above is true and correct to the best of my knowledge. The undersigned and my Firm also confirms that we have read the G.S.R. 269 (E) [Energy Conservation (Energy Consumption Norms and Standards for Designated Consumers, Form, Time within which, and Manner of Preparation and Implementation of Scheme, Procedure for Issue of Energy Savings Certificates and Value of per Metric Ton of Oil Equivalent of Energy Consumed) Rules, 2012] dated 30th March, 2012 before applying for empanelment and give this undertaking that we will abide by the mandatory provisions as listed in the above notification

Place: Delhi

Signature: Sd/-

Date: 01.11.2017

Name: Sem Prakash Goel
 Designation: Consultant- Energy Efficiency