



**Energy Management Centre - Kerala**  
**(Department of Power, Govt of Kerala)**

**CERTIFICATE OF EMPANELMENT**

*This is to certify that **M/s Exergy Solutions**, (10/247, New Road, Kuttikkattukara.P.O, Ernakulam – 683 501) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

**Empanelment No:**

**EMCEEA- 0511F-1**

Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

*This empanelment is valid up to 31st August 2017*

*Issuing Date: 05/11/2014*

*Place: Thiruvananthapuram*


Director,  
Energy Management Centre Kerala

		<b>Information of firm</b>
1.	Name & Address of the firm	Exergy Solutions, 14/268, Thekkeettil, New Road, Kuttikattukara (P.O.), Eloor, Ernakulam DT, PIN-683501.
	Office(with STD)	0484- 6005550
	Mobile	9288194920
	Fax number	Nil
2.	Website (if any)	www.exergysolutions.in
3.	Email addresses	b a b u r a j _ t h e k k e e t t i l @ y a h o o . c o . i n
4.	Name ,Designation and address of Contact person	Babu Raj T,C.E.O 14/268, Thekkeettil, New Road, Kuttikattukara (P.O.), Eloor, Ernakulam.
5.	Office(with STD)	0484- 6005550
	Residence(with STD)	0484 -2431093
	Mobile	9288194920
6.	Email addresses	b a b u r a j _ t h e k k e e t t i l @ y a h o o . c o . i n
7.	Year of establishment	2009
8.	Year of commencement of energy audit by the firm.	2009
9.	No. of branch offices	Nil

Details of Associated Energy Experts and Audits Conducted by firm		
1.	Number of resource persons available	4
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	1
3.	No. of Energy Manager.	1
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	1. School /College / University - 4 2. Hotel / Resort - 7 3. Process Plant - 11 4. Hospital - 2 5. Office complex / Buildings/Malls - 10
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	1. Cement - 1 2. Metals / Minerals - 1 3. Latex - 1 4. Pharma - 1 5. Jute Mill /Polyester Sacks - 2 6. Carbon Black manufacturing - 1 7. Cattle Feed - 3 8. Bottled Water - 1
6.	Energy audit of thermal utility system (list sectors)	1. Cement - 1 2. Metals / Minerals - 1 3. Latex - 1 4. Pharma - 1 5. Jute Mill /Polyester Sacks - 2 6. Carbon Black manufacturing - 1 7. Cattle Feed - 3 8. Bottled Water - 1
7.	Energy audit of electrical utility system (list sectors)	1. School /College / University - 4 2. Hotel / Resort - 7 3. Process Plant - 11 4. Hospital - 2 5. Mall/Office complex / Buildings- 10
8.	Instruments available	(a) Electrical (list the name of the instruments)
		1. Power and Harmonics Analyzer 2. Clamp on TRMS Power meter 3. Digital Lux meter 4. Power guard for small online measurement

		(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"><li>1. Combustion Analyzer.</li><li>2. Infra Red Thermometer</li><li>3. Temperature Humidity Meter.</li><li>4. Glass Thermometers.</li><li>5. Digital thermo anemometer.</li><li>6. Digital Tachometer</li><li>7. Ultra sonic distance meter</li></ol>
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**\*Bio data of Certified Energy Auditor**

1	Name of Energy Auditor	Babu Raj .T.	
2.	Qualifications.	1) BTech Chemical, 2) Dip. in Ind.Safety 3) PG Dip in Env Mgt 4) Lead Auditor,ISO 9001,14001 & 18001 5) Certified Energy Auditor.	
3.	Experience. (use additional sheet if required)	Petrochemical Process Industry from 1984 to 2009,Energy Auditor 2009 to till date,ISO Lead Auditor from 2009 to till date.	
4.	Residence(with STD)	0484 -2431093	
5.	Mobile	9288194920	
6	Email address	baburaj_thekkeetil@yahoo.co.in	
7	Date of certification as Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE).	2004 First Batch	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2004 First Batch	
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" ( In case of Certified Energy Auditor, please write CEA Registration No.)	EA 1749	
10	Certificate Registration Number	391	
11	Are you a BEE accredited Energy auditor.	No	

**\*Bio data of Consultants**

1	Name of Energy Manager	Mathew Samuel	Attach photo here
2.	Qualifications.	B.E. Electrical ,MBA	
3.	Experience. (use additional sheet if required)	Retd Chief General Manager, Technical Services, HOC Ambalamugal <b>Mathew Samuel</b> is Electrical Engineering graduate, with MBA having over thirty years of experience in various industries. He retired as chief general Manager (Technical Services) from M/s Hindustan Organic Chemical Ltd, Ambalamughal. During his career he has worked in installation commissioning of 66kV substation, 5MW captive power plant etc.	
4.	Residence(with STD)	0484-2677157	
5.	Mobile	9447302787	
6	Email address	mathewlalithya@hotmail.com	
7	Date of certification as Energy Manager by Bureau of Energy Efficiency (BEE)	2004	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2004	
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" ( In case of Certified Energy Auditor, please write CEA Registration No.)	EM 461	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EM 461	
11	Are you a BEE accredited Energy Auditor.	No	

**\*Bio data of Consultants**

1	Name of energy auditor	T. Sethumadhavan	attach photo here
2.	Qualifications.	M.E. Mechanical	
3.	Experience. (use additional sheet if required)	Sethumadhavan is a Chartered Engineer(Mech) with an experience of more than 30 years in various fields like Planning,Design,Production and Marketing .He has worked in Instrumentation Ltd,MIL Controls Ltd,and Koso India Ltd.He is Corporate Member(MIE) of The Institution of Engineers(I), Fellow of Institution of Valuers and a Competent Person certified by Directorate of Factories and Boilers.	
4.	Residence(with STD)	0491-2545806	
5.	Mobile	09447353888	
6	Email address	sethusayujyam@gmail.com	
7	Date of certification as Energy Manager or Energy Auditor .	Nil	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Attended the Exam in 2014	
9	Examination Registration Number	NA	
10	Certificate Registration Number	Nil	
11	Are you a BEE accredited Energy auditor.	Nil	

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Kuttikattukara

Date: 05/12/2014

Signature:

Name:

Designation: