



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

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. East Coast Sustainable Private Limited** (6-80/1, Priya Gardens P.O, Simhachalam, Vishakapatnam, Andhra Pradesh - 530028) 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- 4920F

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


This empanelment is valid up to 08th September 2023

Issuing Date: 09/10/2020

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

Information of firm

1.	Name & address of the firm	EAST COAST SUSTAINABLE PRIVATE LIMITED 6-80/1, Priya Gardens P.O Simhachalam, Visakhapatnam Andhra Pradesh-530028
	Office (with STD)	
	Mobile	+91 9705300059
	Fax number	
2.	Website (if any)	www.eastcoast.net.in
3.	Email address	Srinivasa.gandepalli@eastcoast.net.in energy@eastcoast.net.in Conserve@eastcoast.net.in
4.	Name, Designation and address of Contact person	G. Srinivasa Rao, Director 6-80/1, Priya Gardens P.O Simhachalam, Visakhapatnam Andhra Pradesh-530028
5.	Office (with STD)	
	Residence (with STD)	
	Mobile	+91 9705300059
6.	Email address	Srinivasa.gandepalli@eastcoast.net.in energy@eastcoast.net.in Conserve@eastcoast.net.in
7.	Year of establishment	2018
8.	Year of commencement of energy audit by the firm.	2018
9.	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Visakhapatnam EAST COAST SUSTAINABLE PRIVATE LIMITED 6-80/1, Priya Gardens P.O Simhachalam, Visakhapatnam Andhra Pradesh-530028


Details of Associated Energy Experts and Audits Conducted by firm		
1.	Number of resource persons available	8 sector experts and 1 Accredited Energy Auditor (Full time) and 6 Certified energy auditors
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	4 Full time (Details attached in annexure-1)
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	2 Part time (Details attached in annexure-1)
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	<ul style="list-style-type: none"> ➤ Thermal power plants- 8 ➤ Cement- 5 ➤ Iron and steel- 9 ➤ Textile-2 ➤ Pulp and Paper- 1 ➤ Petroleum and Refineries- 2 (Individual members) ➤ Commercial buildings- 1 ➤ Chemicals and fertilizers- 1 ➤ Railway - 4 ➤ DISCOM -3 ➤ Sea Ports- 1
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	<ul style="list-style-type: none"> ➤ Thermal power plants ➤ Cement ➤ Iron and steel ➤ Textile ➤ Pulp and Paper ➤ Petroleum and Refineries ➤ Commercial buildings ➤ Chemicals and fertilizers ➤ Railway ➤ DISCOM ➤ Sea Ports
6.	Energy audit of thermal utility system (list sectors)	<p>Energy audit of Thermal Utilities such as boilers, Furnaces, Thermic fluid heaters, VAMS, Waste heat recovery systems, Thermal insulation etc., have been studied in the following sectors</p> <ul style="list-style-type: none"> ➤ Thermal power plants ➤ Cement ➤ Iron and steel ➤ Textile ➤ Pulp and Paper ➤ Petroleum and Refineries ➤ Commercial buildings ➤ Chemicals and fertilizers

7.	Energy audit of electrical utility system (list sectors)		<p>Energy audit of electrical utilities such as HVAC, Lighting, Air compressors, Fans, Pumps, Cooling towers, Electric furnaces, Heat pumps have been audited in the following sectors</p> <ul style="list-style-type: none"> ➤ Thermal power plants ➤ Cement ➤ Iron and steel ➤ Textile ➤ Pulp and Paper ➤ Petroleum and Refineries ➤ Commercial buildings ➤ Chemicals and fertilizers ➤ Railway ➤ DISCOM ➤ Sea Ports
8.	Instruments available	(a) Electrical (list the name of the instruments)	Details attached as Annexure-2
		(b) Thermal (list the name of the instruments)	Details attached as Annexure-2


BIO DATA OF ENERGY AUDITORS

***Bio data of Certified Energy Auditor**

(Expert in TPP, Pulp & Paper, Cement, Iron & Steel, Commercial buildings, DISCOM, Refineries)


1	Name of energy auditor	G. SRINIVASA RAO	
2	Qualifications.	1. B. Tech (Mechanical)- 1995 2. PGD (Energy Management)- 1997 3. Master of Science-2005	
3	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1) 22 years of experience	
4	Residence (with STD)		
5	Mobile	+91 9705300059	
6	Email address	srinivasa.gandepalli@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	18-Dec-2015	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	18-Dec-2015	
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-1574	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	AEA0251	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	Yes 18-Dec-2015 AEA0251	
Remarks (if any) --Nil			

***Bio data of Certified Energy Auditor**
(Expert in Iron & steel aluminum)


1	Name of energy auditor	G HARIHARA IYER	
2.	Qualifications.	1. Diploma in Mechanical engineering-1961 2. AMIE (India)-Mining Engineering-1975	
3.	Experience. (use additional sheet if required)	(Details are attached in annexure-1) 45 years of experience	
4.	Residence (with STD)		
5.	Mobile	+91 9701810908	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	April -2006 (CEA)	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	April-2006	
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.)	EA1341	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	2346	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

*please attach bio data of all auditors/managers of your firm.


***Bio data of Certified Energy Auditor**
(Expert in TPP, Pulp & Paper, Cement, Iron and steel)

1	Name of energy auditor	Veera Ramprasad Pulavarty	
2.	Qualifications.	1. B.E (Mechanical)-1993 2. PGD (Energy Management) - 1997 3. Master of Business Management-2018	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 9989701735	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	May-2004 (CEA)	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	May-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.)	EA 1573	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	687	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			


***Bio data of Certified Energy Auditor**
(Expert in DISCOM and Railways)

1	Name of energy auditor	R.V. RAMANA RAO	
2.	Qualifications.	B.E (Electrical engineering)-1970	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 94908-35145	
6	Email address	energy@eastcoast.net	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nov-2006 (CEA)	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Nov-2006	
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.)	EA1600	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	1301	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

***Bio data of Certified Energy Auditor**
(Expert in commercial buildings)


1	Name of energy auditor	Vemulapalli Suresh	
2.	Qualifications.	1. B.E (Marine Engineering)-1987 2. PGD (Facility Management)	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 9885656245	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil)	Feb -2011 (CEA)	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Feb-2011	
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.)	EA12312	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	8274	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

***Bio data of Certified Energy Auditor**
(Expert in Iron & Steel, Refineries, Commercial buildings)


1	Name of energy auditor	Srinivasa Motupalli	
2.	Qualifications.	1. MTech in Chemical Technology-1995 2. B. Tech in Chemical Engineering-1993	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 8985760142	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Oct-2011 (CEA)	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Oct-2011	
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.)	EA14488	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	8624	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

BIO DATA OF CONSULTANTS


***Bio data of Consultants (Refineries)**

1	Name of energy auditor	Amar Nath Pal	
2.	Qualifications.	1. Graduation in Engineering - B. Tech. in Chemical Engineering 2. Graduation in Science - B.Sc. in Chemistry (Hons.	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 9434710714	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	nil	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	nil	
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.)	nil	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	nil	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any)--Nil			


***Bio data of Consultants (Iron and steel)**

1	Name of energy auditor	Kishore Ranjan Majumder	
2.	Qualifications.	<ol style="list-style-type: none"> 1. B.Sc. (Chemistry Honours) from Calcutta University • 2. B-Tech (ChemEngg.) from Calcutta University 3. One yr. PG diploma in SQC & OR 	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+918877003406	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	April 2006	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	April -2006	
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.)	EA4255	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	3058	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any)--Nil			


***Bio data of Consultants (Pulp & Paper)**

1	Name of energy auditor	Challa siva Prasad	
2.	Qualifications.	BE in Chemical	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1) (32 years of experience)	
4.	Residence (with STD)		
5.	Mobile	+91 9246026999	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	nil	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	nil	
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.)	nil	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	nil	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks(if any) --Nil			


***Bio data of Consultants (TPP)**

1	Name of energy auditor	TEKU SESHA SAI BABU	
2.	Qualifications.	1. PGDCS 2. MTech (Power systems) 3. B. Tech Electrical	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1) 22 years of experience (35 years of experience)	
4.	Residence (with STD)		
5.	Mobile	+91 8333018069	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil)	nil	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	nil	
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.)	nil	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	nil	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks(if any) --Nil			


***Bio data of Consultants (DISCOM)**

1	Name of energy auditor	R.V. RAMANA RAO	
2.	Qualifications.	B.E (Electrical engineering)-1970	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 94908-35145	
6	Email address	energy@eastcoast.net	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil)	Nov-2006 (CEA)	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Nov-2006	
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.)	EA1600	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	1301	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any)--Nil			


***Bio data of Consultants (Textiles)**

1	Name of energy auditor	RAVINDER VANNAM	 <p align="center">RAVINDER VANNAM</p>
2.	Qualifications.	1. Master in Management Studies-Financial Management - 1996. 2. Bachelor of Engineering (B.E.) in Mechanical Engineering-1983	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1)	
4.	Residence (with STD)		
5.	Mobile	+91 7036199102	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"		
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.)		
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-13585	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

***Bio data of Consultants (Cement sector expert)**


1	Name of energy auditor	<i>S. NARAYANAN</i>		
2.	Qualifications.	<i>BE-ELECTRICAL-1981</i>		
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1) (33 years of experience)		
4.	Residence (with STD)			
5.	Mobile	<i>+919791020101</i>		
6	Email address	<i>energy@eastcoast.net.in</i>		
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil)			
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	nil		
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.)	nil		
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	nil		
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No		
Remarks (if any) --Nil				

***Bio data of Consultants (Fertilizers)**

1	Name of energy auditor	Kota Venkata Ramana Murthy	
2.	Qualifications.	M tech chemical	
3.	Experience. (use additional sheet if required)	(Details are attached in bio data file Annexure-1) (40 years of experience)	
4.	Residence (with STD)		
5.	Mobile	+91 9959022031	
6	Email address	energy@eastcoast.net.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	nil	
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.)	nil	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	nil	
11	Are you a BEE accredited Energy auditor? If so: Date of accreditation Accreditation No.	No	
Remarks (if any) --Nil			

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

Place: Visakhapatnam
Date: 03-10-2020

Signature: 
Name: G. SRINIVASARAO
Designation: Director

