



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

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Bigeta Energy Solutions LLP** (Third Floor, 403, 15th Cross, 5th Main Sector 6, HSR Layout, Bengaluru, Karnataka - 560102) 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- 6126F

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

This empanelment is valid up to 09/08/2029

Issuing Date: 10/08/2026

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

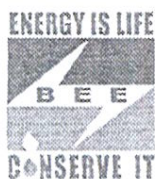
Information of firm		
1	Name & Address of the firm	Bigeta Energy Solutions LLP Third Floor, 403, 15th Cross, 5th Main Sector 6, HSR Layout, Bengaluru, Karnataka Pin:560102
	Office (with STD)	Nil
	Mobile	+91 9611800893
	Fax number	Nil
2	Website (if any)	www.bigetaenergy.com
3	Email address	info@bigetaenergy.com
4	Name, Designation and address of Contact person	Benet George V Third Floor, 403, 15th Cross, 5th Main Sector 6, HSR Layout, Bengaluru, Karnataka Pin:560102
5	Office (with STD)	Nil
	Residence (with STD)	Nil
	Mobile	+91 9611800893
6	Email address	benet@bigetaenergy.com
7	Year of establishment	2017
8	Year of commencement of energy audit by the firm.	2017
9	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Nil

Details of Associated Energy Experts and Audits Conducted by firm			
1	Number of resource persons available	27	
2	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	3	
3	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	0	
4	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Commercial Buildings, IT & Real Estate	28
		Hospitality & Recreation	22
		Education & Research	15
		Food & Beverage	34
		Healthcare & Pharmaceuticals	12
		Engineering & General Manufacturing	17
		Steel, Cement & Heavy Industries	18
		Textile & Garments	5
		Chemical, Refinery & Process Industries	3
		Paper, Packaging & Allied Industries	3
		Plastics, Cable & Electrical Manufacturing	10
		Automotive & Mobility Manufacturing	7
		Railway & Transportation Infrastructure	10
		Data Centers & Digital Infrastructure	5
		Public Infrastructure & Street Lighting	5
		Water & Pumping Infrastructure	1
		Warehousing & Logistics	2
		FMCG & Consumer Products	2
		Ceramics & Building Materials	1
		Power Quality Study	86
		Power system study (Arc flash, Relay coordination, Load flow etc)	38
		Electrical Safety Audit	1600
5	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Chemical, Refinery, Steel, Cement, Refractory, Paper, Textile, Pharmaceutical, Engineering & Fabrication, Plastics, Automobile, Tyre, Battery, Cable, Ceramics, Food Processing, Dairy, Coffee, Tea, Sugar, Distillery, FMCG.	
6	Energy audit of thermal utility system (list sectors)	Cement, Paper, Steel, Refractory, Textile / Garments, Pharma, Engineering, Chemical, Plastics, Tiles, Dairy, Refinery, Food & Beverage, FMCG, Automobile, Battery, Cables, Coffee, Tea, Tyre, Sugar, Distillery	
7	Energy audit of electrical utility system (list sectors)	Cement, Paper, Steel, Textile / Garments, Pharma, Engineering, IT Building, Chemical, Mall, Pumping, Plastics, Railway, Tiles, Public Infrastructure & Street Lighting, Data Center, Education & Research, Building, Dairy, Refinery, Tech Park, Heavy Energy, R&D, Hospital, Hotel, Food & Beverage, Water Theme Park, Warehouse, FMCG, Automobile, Township, Battery, Cables, Coffee, Tea, Tyre, Sugar, Distillery, Residential, Golf / Resort	

8	Instruments available	(a) Electrical (list the name of the instruments)	Name	Make	Model	Qty
			Power Analyzer ALM 31	Krykard	CA 8331	2
			Power Analyzer ALM 36	Krykard	CA 8336	2
			Power Analyzer ALM 45	Krykard	CA 8345	1
			Power Analyzer Fluke 1777	Fluke	1777	1
			Multi Fuction Tester	Krykard	CA 6117	2
			Clamp on Earth Tester	Megger	DET14C	2
			Digital Earth Tester 6	DET 20	DET-20	1
			Clamp on Power meter	Krykard	F-406	2
			Clamp on Power meter	Krykard	F-407	2
			Clamp on Power meter	Krykard	F-205	4
			EMF Tester	GQ	EMF-390	1
			Digital Earth Tester	MOTWANE		1
			PAT Tester			1
		(b) Thermal (list the name of the instruments)	Ultrasonic Flow Meter	GE	PT-900	1
			Flue Gas Analyser	Kane	905	1
			Anemometer	Lutron	AM-4201	2
			Anemometer	Testo	410-2	1
			Manometer	Comark	C9853	1
			Digital Tachometer		DT-2234	1
			Thermal imager	Testo	868	1
			Thermal imager	Testo	872	1
			IR Thermometer	Fluke	7C01A	1
			Vibration Meter	Lutron	VB-8216SD	1
			Ultrasonic Leak Detector	CS Instruments	LD-510	1
			IR Gun	Fluke	59 MAX	1
			Thermo Anemo Meter	Testo	405i	1
			Thermo Anemo Meter	Testo	605i	1
			Peressure Gauge	Taiwac		2
			Lux Meter	BEETECH	B101	1
			Hygro Meter	Testo	625	2
			Sound Level Meter	Lutron	SL 4033SD	1
			Distance Meter	Bosch	GLM40	1
			Flow Hood	Testo		1
			2-CH Tempeature Logger	Testo	176-T3	6
			Temperature Logger	Testo	174H	12
			Vernier Caliber	Thermisto		1
			Sling psycometer	BS02		2
			TDS Meter			1

*Bio data of Certified Energy Auditor			
1	Name of energy auditor		Benet George V
2	Qualifications.		M.Tech in Energetics, PGDiploma in Electrical Safety and safety Management
3	Experience. (use additional sheet if required)		22 Years in industry conducted 260+ Energy audits
4	Residence (with STD)		+91 9900591000
5	Mobile		+91 9611800893
6	Email address	benet@bigetaenergy.com	
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 2007-Energy Auditor
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.)		EA-6737
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"		4189
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.		Yes AEA-0053





BUREAU OF ENERGY EFFICIENCY

Examination Registration No. : EA-6737

Accreditation Registration No.: AEA-0053



Certificate of Accreditation

This is to certify that Mr./Ms. Benet George V having its trade/registered office at Bengalore has been given accreditation as accredited energy auditor. The certificate shall be effective from 26th day of February 2013....

The certificate is subject to the provisions of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

This certificate shall be valid until it is cancelled under regulation 9 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010

On cancellation, the certificate of accreditation shall be surrendered to the Bureau within fifteen days from the date of receipt of order of cancellation.

Your name has been entered at AEA No. 0053 in the register of list of accredited energy auditors. Your name shall be liable to be struck out on the grounds specified in regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

Given under the seal of the Bureau of Energy Efficiency, Ministry of Power, this 26th day of May 2014...

Secretary,
Bureau of Energy Efficiency
New Delhi



BUREAU OF ENERGY EFFICIENCY
Government of India, Ministry of Power

FORM – IIB

[See regulation 7]

CERTIFICATE FOR CERTIFIED ENERGY AUDITOR



This is to certify that Mr./Mrs./Ms
..... **Benet George V**
Son/Daughter of Mr./Mrs. **George**
who has passed the National Examination for Energy
Auditor held in the month of **April, 2007**
is qualified as Energy Auditor under the Energy
Conservation Act, 2001 (52 of 2001).

Energy Auditor No:
EA-6737

This certificate shall be valid for five years with effect
from the award of the certificate and shall be
renewed subject to attending the prescribed
refresher training course once in every five years. Given
under the seal of the Bureau of Energy
Efficiency, this..... **10th** day of **August, 2007**...

Sunil Kisan
Khandare
Digitally signed by
Sunil Kisan Khandare
Date: 2026.04.23
16:03:33 +05'30'

Director
Bureau of Energy Efficiency,
New Delhi

Dates of attending refresher course				
16/12/2018	27/04/2025			

*Bio data of Certified Energy Auditor			
1	Name of energy auditor		Gowri Shankar
2	Qualifications.		BE EEE – 2010 M E Energy Engineering - 2012
3	Experience. (use additional sheet if required)		13 Years in industry conducted 60+ Energy audits
4	Residence (with STD)		+91 9900591000
5	Mobile		+91 9980774150
6	Email address	gowrishankar@bigetaenergy.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		September 2016-Energy Manager
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”		April 2019
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-25659
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”		(i) 14485 (ii) 9583/19
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.		No





BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-25956** Serial Number..... **14485**

Certificate Registration No. : **14485**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **GOWRISHANKAR**
Son/Daughter of Mr./Mrs. **PADMANABAN** who has passed the National
Examination for certification of energy manager held in the month of **September 2016** is
qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency
(Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate
and shall be renewable subject to attending the prescribed refresher training course once in every
five years.

His /Her name has been entered in the Register of certified energy manager
at Serial Number **14485** being maintained by the Bureau of Energy Efficiency under the
aforesaid regulations.

Mr./Mrs./Ms. **GOWRISHANKAR** is deemed to have qualified
for appointment or designation as energy manager under clause (I) of Section 14 of the Energy
Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **1st** day
of **September, 2017**


Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature

Reg No.: EA-25956



Certificate No.: 9583/19

National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

This is to certify that Mr./Mrs./Ms. **GOWRISHANKAR**
son / daughter of Mr. **PADMANABAN**.....has passed the National certification
Examination for Energy Auditors held in September 2018, conducted on behalf of the Bureau of Energy Efficiency,
Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as
Certified Energy Auditor.

He / She shall be entitled to practice as Energy Auditor under the Energy Conservation Act 2001, subject to the fulfillment
of qualifications for Accredited Energy Auditor and issuance of certificate of Accreditation by the Bureau of Energy
Efficiency under the said Act.

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

Place : Chennai, India

Date : **22nd April, 2019**

Controller of Examination

*Bio data of Certified Energy Auditor			
1	Name of energy auditor		Karthick A
2	Qualifications.		ME Energy Engineering
3	Experience. (use additional sheet if required)		5 Years in industry conducted 30+ Energy audits
4	Residence (with STD)		+91 9900591000
5	Mobile		+91 9606200232
6	Email address	karthick@bigetaenergy.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		September 2024-Energy Manager
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”		September 2025
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.)		35607/26
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”		-
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.		No





BUREAU OF ENERGY EFFICIENCY
Government of India, Ministry of Power

FORM – IIB

{See regulation 7}

CERTIFICATE FOR CERTIFIED ENERGY AUDITOR



This is to certify that Mr./Mrs./Ms

KARTHICK A

Son/ Daughter of Mr. / Mrs

ARUNACHALAM

who has passed the National Examination for Energy Auditor held in the month of **SEPTEMBER 2025**

is qualified as Energy Auditor under the Energy Conservation Act, 2001 (52 of 2001).

Energy Auditor No:

EA-35607/25

This certificate shall be valid for five years with effect from the award of the certificate and shall be renewed subject to attending the prescribed refresher training course once in every five years. Given under the seal of the Bureau of Energy Efficiency, this^{9th} day of **APRIL 2026**

Digitally Signed: Sunil Kisan Khandare

Thu Apr 09 16:45:27 IST 2026

Director, BEE New Delhi

Director
Bureau of Energy Efficiency,
New Delhi

Dates of attending refresher course

Dates of attending refresher course				

*Bio data of Certified Energy Auditor			
1	Name of energy auditor		Debamitra Panda
2	Qualifications.		MTech Power Electronics and Drives
3	Experience. (use additional sheet if required)		13 Years of Experience conducted 12 Energy audits
4	Residence(with STD)		+91 9900591000
5	Mobile		+ 91 9606700502
6	Email address	debamitra@bigetaenergy.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil		September 2021-Energy Manager
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.)		32579/21
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"		17913/T
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.		No





BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-32579/21** Serial Number **17913**

Certificate Registration No. : **17913/T**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **DEBAMITRA PANDA**
Son/Daughter of Mr./Mrs. **BINOD CHANDRA PANDA** who has passed the National
Examination for certification of energy manager held in the month of **September 2021** is
qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency
(Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate
and shall be renewable subject to attending the prescribed refresher training course once in every
five years.

His /Her name has been entered in the Register of certified energy manager
at Serial Number **17913** being maintained by the Bureau of Energy Efficiency under the
aforesaid regulations.

Mr./Mrs./Ms. **DEBAMITRA PANDA** is deemed to have qualified
for appointment or designation as energy manager under clause (1) of Section 14 of the Energy
Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **28th** day
of **February, 2022**

Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature