

Brought to you by **सीम्seem**

seem NEWS

www.seemindia.org

FEBRUARY 2021

society of
energy engineers
and managers



VIEW POINT

Discussions on Energy Conservation and Energy Efficiency have rightly entered into the realm of sustainable future. The integration of energy matter with environment issues has become stronger than ever before. These discussions are split over to finance and investment domain too which portend good tidings for energy professionals. The overtures of energy and environment to finance domain has now prompted corporates to think in terms of sustainability in more concrete terms. Many approaches are proposed to enable corporates to achieve sustainable goals.

Science Based Targets Initiative (SBTi) helps corporates to plan and achieve positive reduction in GHG emissions and getting recognition for such efforts. The companies now can volunteer to set own targets in line with the latest climate science demands to contain the rise of temperature due to global warming to 1.5 C.

It has a five step process—

1. Commit: by way of a letter expressing intent to set a science based target
2. Develop: work on an emission reduction target in line with the SBTi's criteria
3. Submit: present your target to the SBTi for official validation
4. Communicate: announce target and inform your stakeholders
5. Disclose: report company-wide emissions and track targets process annually SBTi encourages the companies of different nature and size to take up this challenge and SBTi will help to meet the targets.

ISO 14064 is a verifiable standard issued by International Organization for Standardization. It provides a framework to companies which are serious towards account verification and look forward to qualify and reduce GHG emissions. The three part standard helps the organizations to understand the principles of quantification, to have guidance in mitigation projects and also a guidance for validation of results through verification.

Another method adopted by companies is the wedges approach. This approach enables corporates to assign GHG emissions to activities, processes or specific sources which help to identify the options to reduce the emissions. The approach can be divided into wedges in following distinct areas and ways under each of them— (a) Designing, engineering and construction reducing the embedded energy, resorting to green building. (b) Energy supply: fuel switching, co-generation, renewable energy. (c) Operations: resorting to efficiency and best practices and process optimism. (d) Administrative: senior leadership involvement, awareness procedures, programs and targets. (e) GHG offsets: bio sequestration, geological storage. (f) Financial compliance mechanisms: grants and external financial help. This piece is to give a peek into why and how energy professionals can diversify to seize the opportunities coming their way, once they are ready to expand their horizon. This is the need of the hour for a courageous successful entry into a whole new world of sustainable vision.

G Krishnakumar
Immediate Past National General Secretary &
Chief Operating Officer



CONTENTS

SEEM Tamil Nadu Chapter Webinar on “ Developments of Super Critical Boiler” held on 27th February, 2021

SEEM Karnataka chapter meeting held on 13th February, 2021

SEEM Member Mr. Shubhashis Dey on his elevation in his new assignment on Climate Policy

GT_Interactive Crash Course for EA&EM

Power Cuts drop by 35 per cent in Andhra pradesh

As Dams fill up, Hydro Power Generation Rises

India's nominee Dr. Ajay Mathur to head International Solar Alliance

Coal projected to be India's largest source of power in 2040: World Coal Association

SEEM National Energy Management Awards and Sponsorship

Patron

Dr. Brahmanand Mohanty,
Adviser for Asia, ADEME

Editorial Team

Chief Editor and Publisher

G Krishnakumar
Immediate Past National General
Secretary & Chief Operating
Officer - SEEM

SEEM Executive Council

President
Mr. Mool Chand Jain
Vice- President
Mr. R. Jayakumar
General Secretary
Dr. C. S. Azad
Joint Secretary
Mr. Sunil Choudhary
Treasurer
Mr. Alpesh Pandya

Disclaimer: The news published is directly picked up from the website and newspapers with the source and links provided. The views expressed need not be those of SEEM.
Technical Support:



Brought out by Energy Press for Society of Energy Engineers and Managers
SEEM Bhavan, KRA-A79, Kannammoola,
Thiruvananthapuram – 695011
www.seemindia.org



REPORT



Congratulations to SEEM member Mr. Shubhashis Dey – Director, Climate Policy (Low Carbon Development, Air Quality and Climate Finance) – Shakti Sustainable Energy Foundation on his elevation and SEEM wishes him all success in his new assignment

TWO DAY TRAINING PROGRAMME ON ENERGYAUDITS & CONSERVATION IN ELECTRICAL UTILITIES

Two day Training Programme on energyaudits & conservation in Electrical utilities for officers of various departments from karnataka . Around 30 officers had attended the programme, nominated by Department of

Public Enterprise, Government of Karnataka.

SEEM General Secretary Dr. Azad, and SEEM Karnataka Chapter Secretary Mr. Benet George, SEEM Chief Operating Officer Mr. G Krishnakumar

participate as faculty in National Productivity Council Organized training program for Engineers from Electricity distribution companies in Karnataka.



M.K.K.NAIR MEMORIAL PRODUCTIVITY AWARD 2020

Kerala State Productivity Council declared the FACT M.K.K.Nair Memorial Productivity Award for 2020. Malabar regional co-operative Milk producers union ltd, Palakkad received the award for Large scale Industries and Malabar regional co-operative Milk producers union ltd, Kozhikode received the award for Medium scale Industries on 13th February 2021 at Productivity Council Kalamassery. Mr. Vijayakumaran (MD- Malabar Milma) is the Vice chairman of SEEM Kerala chapter.

SEEM Karnataka Chapter Secretary Mr. Benet George V, taken a session on Energy Auditing of Electrical systems at Workshop for ULBs/UDDs/MCs/ Public Water Bodies under Mu-DSM Scheme Organised by Karnataka State Designated Agency (KREDL) Renewable Energy Development Limited on 05-02-2021 at Mangalore.



SOCIETY OF ENERGY ENGINEERS AND MANAGERS, KARNATAKA CHAPTER CONDUCTED A WEBINAR ON "EFFICIENT & SAFE OPERATION OF BOILERS" ON 13TH FEBRUARY 2021.

THE KEY TAKEAWAYS ARE

- ◇ Understanding of boilers, boiler operation and maintenance and opportunities for energy conservation in boiler operation.
- ◇ Case study on Cogeneration power Plant in sugar Mills will be discussed during the presentation.

SOCIETY OF ENERGY ENGINEERS AND MANAGERS Karnataka Chapter



www.seemindia.org

Society of Energy Engineers and Managers, Karnataka Chapter welcomes you to join a webinar on **"Efficient & Safe Operation of Boilers"**



February 13, 2021



Time 7.30 pm - 8.30 pm IST

Steam is most widely used for industrial heating and power generation. Operation and maintenance plays an important role in efficient and safe operation.

This webinar gives understanding of boilers, boiler operation and maintenance and opportunities for energy conservation in boiler operation.

Case study on Cogeneration power Plant in sugar Mills will be discussed during the presentation.

Presenter

V Govindaraju - (Founder and Senior Consultant- G Engineers) Specialist Expert in trouble shooting, analyzing and rectification of high capacity rotating and reciprocating equipment's with more than 43 years experience in power boilers (FO, Gas, Briquette, and wood), maintenance and carrying out energy audit and safety audits. He is certified energy auditor and a Board member for Boiler attendant exam- Factories and Boilers , Karnataka Since 2004.

He has received Professional services award-2020 from Director of Factories, Boilers and industrial safety and health- Karnataka.

Registration Link <https://forms.gle/AGYLVs8yyVKUCCBp9>

For any Support:

Benet George , Secretary, SEEM Karnataka Chapter
+91 9611800893, seemkarnataka@gmail.com



GT_Interactive Crash Course for EA&EM

SEEM associated with Greentree proudly announce the launch of Interactive CrashCourse for BEE EA/EM Exam2021 for Energy professionals to get certified as energy auditor/manager by BEE. Classes started on 14th February 2021.

Training Modalities:

- 40+ Hours Tutorials for 4 papers
- Weekend subject discussions
- Model Questions and Online support
- Mock Tests and Solutions

Who should apply:

- Architects / Engineers/ Science Post Graduates who want to get certified as Energy Professionals from Govt. of India
- Engineering faculty handling topics like energy audit/management can also take this course

BEE Exam Eligibility:

- Graduate / Diploma Engineer / Graduate Architect / MSc (Physics / Chemistry)
- A Graduate Engineer/ Graduate Architect/M.Sc. with 3 years of work experience.
- A Graduate Engineer/ Graduate Architect with M.Tech / M.Arch / MBA with 2 years of work experience.
- Diploma Engineer /Diploma Architect with 6 years of work experience.

Enroll here:

REGISTER NOW!

CLASSES START FROM 7th Feb, 2021

Interactive Crash Course for BEE EA/EM Exam 2021

- Special Discounted Fee Rs. 7500/- +GST@18% per participant
- Early Bird Discount of INR 500 for Registration before 31st January 2021
- Discount of Rs. 1000 for Graduate Architects /MSc Candidates
- A special rebate of Rs. 1000 to female candidates
- Existing students of GT academy and participants of our previous courses can register at special fee of Rs. 5000+ GST

*Only one discount (Maximum one) will be applicable

The prospective candidates will have an opportunity to become a SEEM Member at discounted fee.

Contact +91 9446067607 for details

Follow us: [in](#) [f](#) [ig](#) [tw](#) [yt](#)

Connect: Dimple Dsouza | trainings@greentree.co.in | +91 9594776372

COAL PROJECTED TO BE INDIA'S LARGEST SOURCE OF POWER IN 2040: WORLD COAL ASSOCIATION

Coal is projected to remain the largest single source of electricity in India in 2040, according to Michelle Manook, Chief Executive, World Coal Association. She said that coal will continue to play a vital role in supporting intermittent renewable energy sources to underpin infrastructure development and industrialization.

"India is choosing to prioritize economic growth enabled by a

resilient energy mix, inclusive of coal and clean coal technologies," Michelle said, adding a pragmatic and collaborative focus from international governments, industry, and investors is needed to ensure policies are in place to support the deployment of clean technologies.

"An Upcoming Coal Industry Advisory Board (CIAB) report, 'A Pathway to reducing emis-

sions from coal power in India, provides a model for wider development and deployment of efficient, clean coal technologies in India to meet environmental goals.

The association represents industry leaders, committed to building a sustainable future for coal and playing an active role in achieving our world-wide economic and environmental aspirations.

POWER CUTS DROP BY 35 PER CENT IN ANDHRA PRADESH, 2.5 LAKH OUTAGES IN 2020-21

Power cuts in Andhra Pradesh dropped by nearly 35 per cent, 1.4 lakh, in the 2020-21 financial year compared to the 2019-20 fiscal. A total of 2.5 lakh power outages were reported in 2020-21, a steep fall from 3.91 lakh in 2019-20. In a bid to reduce interruptions in power supply, power utilities have laid special focus on augmenting the power infrastructure in the state. Among such augmentation attempts are upgrading electricity substations, strengthening distribution networks and providing additional infrastructure for

Source:

<https://energy.economictimes.indiatimes.com/news/power/power-cuts-drop-by-35-per-cent-in-andhra-pradesh-2-5-lakh-outages-in-2020-21/80919923>

agricultural requirements during the day.

According to a top APTransco official, achieving 100% excellence in uninterrupted power supply at par with international standards is the ultimate objective of the state government. "24x7 power supply is considered one of the important factors behind reviving economic growth. In view of this, the government wants to take continuous feedback from consumers to strengthen uninterrupted power supply," the official said.

The state government has released Rs 17,904 crore in 2019-20 towards clearing subsidy arrears of discoms. The government has also released Rs 20,384 crore to these discoms to clear pending power generator bills pending as on March 31, 2019. Total bills cleared by discoms was pegged at Rs 34,384 crore in 2019-20. The state government has released Rs 7,200 crore till December 2020. These measures are expected to improve the finances of discoms and strengthen utilities.

SOLAR POWER DEVELOPERS WORRIED OVER RISE IN PANEL PRICES

With 85-90% of the solar panels and modules used in India imported from China, an increase in prices has worried developers who have won projects that are yet to be commissioned. They fear their returns might take a hit since tariffs for the power they will sell have already been fixed.

Module prices started increasing in mid-2020 because of a supply disruption caused by floods in China's southeast province, which led to the temporary closure of Tongwei

Solar, a major polysilicon-producing company. An explosion took place at GCL Poly, another large polysilicon-producing company, which also hit supplies.

Prices stabilised after a while, but they started increasing in the last quarter of 2020 on high demand for bifacial modules worldwide. Bifacial modules produce solar power from both sides of the panel and while they are more efficient and provide higher capacity utilisation, they also

Source:

<https://energy.economictimes.indiatimes.com/news/renewable/solar-power-developers-worried-over-rise-in-panel-prices/80757998>



REPORT

AS DAMS FILL UP,
HYDRO POWER
GENERATION RISES

For the first time in years, more power was generated by hydel stations in the state than thermal power plants on Saturday. In fact, green power — hydro, wind, solar and biomass — generation was close to half the total power generation in the state. The total hydro power consumption was 29.232 million units while 21.620 million units from Tangedco's thermal units were consumed. The total power consumption in the state was 306.741 million units and green

power generation (hydro, wind, solar and biomass) came to 144.43 million units.

"With more water being released from Mettur dam, power generation increased on Saturday. Apart from this the dams in Nilgiri districts are also generating power. The hydro power generation has exceeded that of Tangedco's thermal units. We have most of the thermal units on standby," said a senior Tangedco official.

Water release from Mettur was increased from 10,000 cusecs to 40,000 cusecs after the inflow into the Stanley reservoir rose to 75,000 cusecs. "Hydro power generation will continue while the water release from Mettur is maintained at this level. Since it has been raining heavily in Nilgiris district, several reservoirs are likely to release more water and this will also add to hydro power generation," said the official.

Source:

<https://energy.economictimes.indiatimes.com/news/renewable/tamil-nadu-as-dams-fill-up-hydro-power-generation-rises/71043945>

WEBINAR ON "DEVELOPMENTS OF SUPER CRITICAL BOILER" HELD ON 27TH FEBRUARY 2021

SOCIETY OF
ENERGY ENGINEERS AND MANAGERS
TAMILNADU CHAPTER

Society of Energy Engineers and Managers, Tamilnadu Chapter welcomes you to join a webinar on "Developments of Super Critical Boiler"



27/02/2021



7.30 pm – 8.35 pm IST

- ◆ Details of Boiler operation in Sub critical and Super critical Mode.
- ◆ Need for Super critical operation for Boiler and its benefits
- ◆ Operation of Super critical operation
- ◆ Latest Trends in Boiler Development

KEY TAKEAWAYS

Understanding the Boiler cycles Benefits of Super critical Boiler Modern Trends in Boiler Development



Dr. S. Sakthivel, obtained his Masters Degree with distinction in Design and Production of Thermal Power Equipment from Regional Engineering College, Tiruchirappalli. Subsequently he obtained his doctorate in Boiler Combustion from the same Institute. Holds several qualification in HR, Materials Management, Yoga etc.,

EXPERIENCE

- ◆ Served as Boiler Inspector, Govt of TN for 25 years and Retired as Director
- ◆ Has more than 10 years of Industrial Experience including Power Plant
- ◆ Has Participated in presented papers in many National and International Technical Conferences.

Joining Link

<https://us02web.zoom.us/j/8128332934?pwd=RVU1OUhqWG5VcG1KOThtMRKRIT2FIQT09>

Society of Energy Engineers and Managers, Tamil Nadu Chapter conducted a webinar on "Developments of Super Critical Boiler" on 27th February 2021 at 07:30pm to 08:30pm.

THE TAKEAWAYS ARE

- ◆ Understanding the Boiler cycles
- ◆ Benefits of Super critical Boiler
- ◆ Modern Trends in Boiler Development

INDIA'S NOMINEE DR. AJAY MATHUR TO HEAD INTERNATIONAL SOLAR ALLIANCE

India's nominee and current director general of TERI, Ajay Mathur, was elected as new chief of International Solar Alliance (ISA) – an inter-governmental body, set up in 2015 as a joint initiative of India and France to accelerate use of safe, sustainable, and affordable solar energy for all.

A coalition of 73 member countries, ISA, aims to mobilize over USD 1 trillion of investment into solar projects by 2030 through policy and regulatory support, capacity building, and by overcoming perceived investment barriers.

"This is a great honour for me, and I look forward to ISA enabling global solarization," Mathur told TOI after his election at the first special

assembly of the Alliance, held virtually. He will replace the incumbent Upendra Tripathy as new director general of this global body on March 15.

Speaking at the ISA's special assembly, Mathur, said, "The ISA has a vital role to help establish the infrastructure and ecosystem for a zero-carbon emission future. With strong foundations already in place, my immediate focus is to identify and mobilize the opportunities and capital to accelerate our solarization goals in the interim and long-term."

Before joining as director general of the new Delhi-based energy and environment thinktank, The Energy and Resources Institute

(TERI), Mathur had headed India's Bureau of Energy Efficiency (BEE) and served with the Green Climate Fund.

Mathur will head the global body at a time when the ISA has recently decided to open its membership to all UN member countries. Its headquarters is located in Gurgaon, Haryana.

Though the ISA was initially conceived as a coalition of only solar-resource-rich countries (which lie either completely or partly between the Tropic of Cancer and the Tropic of Capricorn) to address their special energy needs, its extent has now expanded to cover all UN member countries.



DR. AJAY MATHUR

Director General
The Energy and Resources Institute

DG

to me ▼

Dear Dr Azad:

Many, many thanks for your congratulations.

I look forward to closely work with you in the ISA.

With best wishes

Ajay Mathur

Ajay Mathur

Director General

The Energy and Resources Institute

SEEM/TERI/02-2021/904
18th February 2021

To

Dr. Ajay Mathur
Director General
The Energy and Resources Institute (TERI)
Darbari Seth Block,
IHC Complex, Lodhi Road,
New Delhi - 110 003, INDIA

Dear Sir,

Greetings from SEEM!

Congratulations on your election as Chief of International Solar Alliance (ISA). We at SEEM look forward to another encore at the new position lending your inimitable stamp of excellence to ISA also.

Thanking you,

Yours faithfully,

Dr. C.S. Azad
General Secretary - SEEM

The Professional Body of Energy Auditors and Managers in India

Chapters: Assam | Chhattisgarh | Gujarat | Karnataka | Kerala | Madhya Pradesh | Maharashtra | New Delhi | Odisha | Punjab | Rajasthan | Tamil Nadu | Tripura | Uttar Pradesh | West Bengal

National Council Office: SEEM Bhawan | KRAA - 79 | Kharagpur | Thiruvananthapuram - 686 011 | T: +91 471 255 7897 | E: seemh2011@gmail.com | www.seemindia.org



NEWS

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020



Inspiring Energy Efficiency

Instituted in 2014, SEEM National Energy Management Awards recognize and support best efforts taken by various sectors for improving energy efficiency, thereby supporting India's journey towards climate change mitigation and sustainable development

SEEM National Executive Council invites applications for the prestigious SNEMA 2020

Unlike other awards, SNEMA do not focus on the percentage of energy saving achieved during the assessment year. Instead, systematic actions towards sustainable energy performance are considered for recognition. This approach ensures that assessment does not get skewed based on production levels.

Who Can Apply?

Applications are sought for the following categories

Individuals

- Certified Energy Manager
- Certified Energy Auditor

 **Award Category** Best Performance Awards

Applications in the category of individuals should be made separately irrespective of the application submitted by organisations in the other categories

ENCON Promoters

- Energy Service Companies
- NGOs
- Government agencies
- Registered trusts
- Energy audit firms etc.

 **Award Category** Best Performance Awards

Who Can Apply?

Production, Manufacturing & Service Sector

INDUSTRIES

- | | |
|------------------------|------------------|
| • Aluminium | • Cement |
| • Chlor Alkali | • Pharma |
| • Fertilizers | • Petrochemicals |
| • Steel | • Chemicals |
| • Textile | • Glass |
| • Automobile | • Tea |
| • Consumer goods | • Tyre |
| • Food processing | • All others |
| • Pulp & paper | |
| • Refinery | |
| • Sponge iron | |
| • Thermal power plants | |

 **Award Category** Silver / Gold / Platinum

Any industry / facility can apply in this category irrespective of size / service / product

Who Can Apply?

Production, Manufacturing & Service Sector

FACILITIES


- Banking
- Airlines
- Railways
- IT/ITES
- Hotels
- Hospitals
- Malls
- Educational Institutions
- Business Centers
- Prints/Visual Media etc.

 **Award Category** Silver / Gold / Platinum

Any industry / facility can apply in this category irrespective of size / service / product

Corporate Houses

- All Corporate or business houses in manufacturing / Services sectors

 **Award Category** Best Performance Awards

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020

Please **CLICK HERE** to register



NEWS

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020

How to Apply

To apply for the awards please register in the pre-registration link for the 1st Level Assessment.

🔗 <https://forms.gle/SNEMA2020>

After PRE-REGISTRATION FOR 1st LEVEL ASSESSMENT, selected participants will be asked to submit the details for evaluation and a Unique Identification Code (UIC) will be issued

Upon receipt of the UID participants can submit all relevant documents along with application fee.

Fee

Corporate Houses	Rs. 30,000	+18% GST
Industries & Facilities	Rs. 12500	+18% GST
ENCON Promoters/ Energy Audit Firms	Rs. 5,000	+18% GST
Individuals	Rs. 2,000*	+18% GST

* 50% special discount in individual category for SEEM members

Application will be considered as complete only when the application form along with mandatory enclosures and fee are received at National award secretariat



Ms. Saranya Mohan

Coordinator - SNEMA 2020

☎ +91 944 606 7607

✉ awards@seemindia.org

Society of Energy Engineers and Managers
National Award Secretariat - SNEMA 2020
Dr. Azad, General Secretary
Plot No. 674, Block - I, Near Gaur Shopping Square, Govind Puram, Ghaziabad 201013
Delhi - NCR.

☎ +91 471 - 2557607

☎ +91 9446 067 607

✉ awards@seemindia.org

🌐 www.seemindia.org

How to Apply

Mode of Payment

- Online payment through our website
🔗 <https://rzp.io/l/seem-payment>
- NEFT / RTGS Transfer to

Acc. Name : Society of Energy Engineers and Managers

Bank Name : State Bank of India

Branch Name : Kannammoola

A/c No. : 37048528759

IFSC Code. : SBIN0008293

Branch Code : 8293

Processing of Applications

- Processing of the applications will be start Soon
- Applications will be reviewed by a jury comprised of eminent experts in the Indian Energy Sector.
- Clarifications / Validations by the jury could be part of the review process.

All queries can mailed to :

✉ awards@seemindia.org

addressing Mr. Jayakumar Nair (Chairman - SNEMA & Vice president-SEEM - SEEM)



SNEMA Highlights

<https://youtu.be/rcxKpwgjiyw>



NEWS

SPONSORSHIP
DOSSIERSEEM NATIONAL
ENERGY MANAGEMENT
AWARDS 2020

Society of Energy Engineers and Managers (SEEM) is a national network of energy professionals in India, established in 2005 as a not-for-profit society to support and inspire the cause of energy efficiency in various sectors. SEEM network is spread across 22 Indian states with 15 chapters and 7 units, and more than 800 members. Since its inception, SEEM has been carrying forward its objective through international, national and state level programs, publications including exclusive technical magazine "energy manager", monthly e-newsletter "SEEM News", and other initiatives.

SEEM proposes to organize its 6th edition of SEEM National Energy Management Awards 2020 Ceremony in New Delhi during September 2020

The award ceremony will be attended by about **500-600 energy auditors and managers** from across the country, representatives from large/small industries and government agencies like SDAs, DCs and other working energy professionals from various industries.

This event is being held as part of the efforts to encourage and motivate Certified Energy Auditors, Certified Energy Managers, Energy audit firms, Industries and facilities who have made remarkable initiatives to promote energy conservation in Indian organizations during the year 2019 - 2020

SEEM India is organizing a training cum exposition program in tandem with the National Energy Management Awards Ceremony to familiarize genuine service/equipment system providers to an interested group of energy industry professionals. It is a felt need assessed by energy auditing fraternity that many genuine energy saving equipments, services and measurement devices and monitoring systems still remain unexposed to a large sections of energy professionals who still grope in dark or play into hands of black sheep.

We will be giving opportunity to 15-20 selected Energy Efficient Equipment /Energy Monitoring Equipment/ Energy Service provider during this function to present their product after an initial scrutiny of experts. Those who are willing to undergo this process of endorsement will be given an opportunity to show case their product through various Forums of SEEM (Such as Print Magazine, Web, Monthly news letter etc.) other than the venue where presence of more than 300 experts are assured, at a very reasonable cost.

SNEMA Highlights

<https://youtu.be/rcxKpwgjiyw>

We request you to be a part of the SEEM National Energy Management Award function by availing various sponsorship options as per the details given in the website and register.

We are keen to work out best option for your organisation, once we receive your preference at the earliest as to how you would like to exploit this opportunity. For leveraging branding, sponsorship and exhibition opportunities, write to awards@seemindia.org or call at 9446067607 / 0471-2557607.

For more details and register for sponsorship please click the link

<http://seemindia.org/sponsorship/>





SEEM Individual Memberships Fee & Benefits

Sl.No	Membership Category	Membership Fee	Annual Fee	Total Amount (Including tax)
1.	Annual Membership / Annual Associate Membership	Rs. 2500	Rs. 500	Rs. 3540
2.	Annual Fellowship	Rs. 3000	Rs. 1000	Rs. 4720
3.	Life Membership	Rs. 6750	Not Applicable	Rs. 7965
4.	Life Fellowship	Rs. 12,000	Not Applicable	Rs. 14160
5.	Student Membership	Rs. 500	Rs. 500	Rs. 1180

Who can join SEEM?

- BEE Certified Energy Auditor
- BEE Certified Energy Manager
- Engineers working in energy related field holding a position of high responsibility with minimum 20 years experience
- Any Degree/ Diploma holders working in the field of Energy Efficiency/ Energy Conservation/ Renewable Energy for the last two years
- Engineering students and students who would like to do research or undertake projects in the energy sector

Benefits to Members

- Opportunities to get your case studies published in SEEM print magazine "Energy Manager"
- Opportunities to publicize your efficiency initiatives in the monthly e-newsletter SEEM News
- Speaking / Presentation opportunities at various forums
- Opportunities to constructively participate in various discussions in the energy sector
- Opportunities to become a SEEM Trainer / Expert Faculty
- Opportunities to become a SEEM Mentor for Student Chapters
- Leadership and participation opportunities in various SEEM programmes
- Networking opportunities with many energy professionals from across the country
- Knowledge enhancement platform in the energy sector
- Right to cast vote at the SEEM Annual General body Meeting
- All communications, which includes: notices about meetings, invitation to events, announcements about the SEEM activities.
- Priority to participate in funded projects carried out by SEEM in the energy sector, on the terms and conditions appropriate to such projects
- Support for addressing relevant grievances

- An opportunity for cross-fertilization of ideas with access to lessons learnt by others

Discounts available to SEEM Members:

- Upto 50% discount on registration fee for seminars / workshops and other training events conducted by SEEM.
- Opportunity to attend workshops and trainings by third parties at special rates offered to SEEM Members
- A discount of 50% on priced publications brought out by SEEM
- Upto 50% discount on applications to SEEM National Energy Management Awards every year
- Discounts on any other programmes/ products or services offered by SEEM

Your membership kit includes:

- SEEM membership ID card
- SEEM Membership Certificate
- Subscription to SEEM print magazine Energy Manager
- Subscription to monthly e-newsletter SEEM News

Membership Categories & Eligibility

Category	Eligibility
Member	Energy Manager / Energy Auditor certified by Bureau of Energy Efficiency
Associate Member	Any diploma / degree holder who is working in the field of energy efficiency/conservation/ renewables for the last two years.
Fellow	Engineers working in energy related field holding a 'position of high responsibility' with minimum 20 years experience and who have been certified as Energy Managers or Energy Auditors by the Bureau of Energy Efficiency, Ministry of Power.
Honorary Fellow	Persons who are qualified to be Fellows invited to join SEEM as Honorary Fellows, subject to the approval of the Executive Council.
Student Member	Engineering students or students who would like to do research or undertake projects/studies in energy related fields.



the **best medium**
to reach
great heights...



energypress

society of
energy engineers
and managers



सीमूseem

To read, subscribe and advertise contact :

Energy Press | KRA-A79 | SEEM Bhavan | Kannammoola
Thiruvananthapuram - 695011 | Kerala | India
T: 0471 - 3242323 T/F: 0471 - 2557607 M: 9446357607
E : energymanagerhq@gmail.com www.energyprofessional.in

energy^η
manager



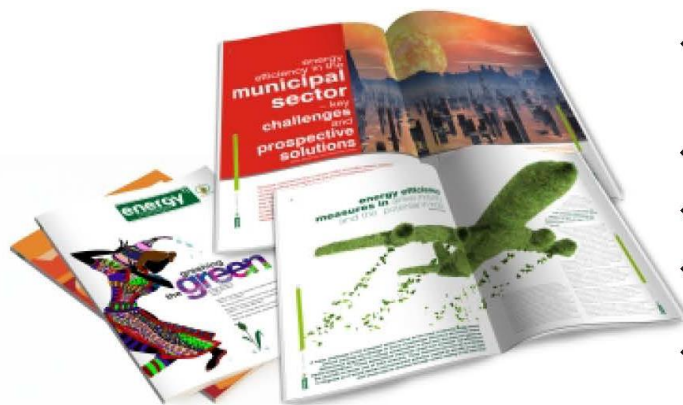
Forthcoming issue:

**“Energy Efficiency –Key
to post Covid recovery
of MSME’s”**

Subscription Price						
Term	Issues	Individuals		Institutions		Special Offer rate
		INR	USD	INR	USD	INR
1 year	4	1000	45	1500	70	500
3 years	12	2500	115	4000	180	1250



energy^η manager. Your medium to succeed.



- energy^η manager is the only magazine in India that exclusively focuses on energy efficiency
- The right blend of high quality articles that appeal to the industry and academia, presented in a layout of exceptional standards
- Cover feature in each issue focus on one most appropriate contemporary topic on energy efficiency
- Guest editorial by renowned domain experts
- Articles contributed by leading personalities in the energy sector
- Published since January 2008 and circulated in print to more than 5000 readers
- Brought out by Energy Press, the publishing wing of the Society of Energy Engineers and Managers (SEEM), India

Readership Profile

- Accredited ESCOs & Energy Consultants
- Certified Energy Professionals
- Consultants, Planners and Architects
- Distributors and Marketing Agencies
- EE & RE Equipment Manufacturers
- Energy Intensive Industries (DCs)
- Engineering & Technical Institutions
- International Organizations
- Political & Executive decision makers
- Policy Bodies, NGOs

Editorial Profile

- Energy management
- Energy audit
- Energy financing
- Research and Innovation
- Best practices
- Case Studies
- Renewable energy
- Sustainable Living
- Global focus
- Focus India
- Events, and others

DATA

Title: energy^η manager
Language: English
Pages: 64, 213 GSM
Frequency: Quarterly
Print: Four Colour, 8" X 11"
Circulation: 5000
Market: International



Ad Rates

Options	Size	Published rate (Rs.)	Special discounted rates
Back Cover	Bleed size : 21cmx29cm Trim size : 20cmx28cm Type safe area: 18cmx 24cm	1,50,000	25000
Inside Front Cover		1,20,000	20,000
Inside Back Cover		1,20,000	15,000
Inside Full Page		70000	10,000
Half Page	18cmx12cm	45000	7,500
Inside Quarter Page	9cmx12cm	25000	5,000

Special Offer: 30 % discount for one year contract

Special discounted rates for ads will be valid till 15th March 2021