Bureau of Energy Efficiency
Ministry of Power, Govt. of India

Government of India
Ministry of Power

LiFE
Lifestyle for Environment

Bureau of Energy Efficiency
(Ministry of Power, Government of India)

NATIONAL ENERGY CONSERVATION AWARD

NECA-2024

14 December, 2024

Vigyan Bhawan Delhi

Report

FICCI
Federation of Indian Chambers of Commerce and Industry
Industry's Voice for Policy Change

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INTRODUCTION

The Bureau of Energy Efficiency (BEE), under Ministry of Power, has been mandated, as per the Energy Conservation Act 2001, to regulate and promote energy efficiency and its conservation in India. The BEE is fulfilling its mandate by implementing flagship schemes such as Standards and Labelling (S&L) programme for appliances and buildings, Perform, Achieve and Trade (PAT) for Designated Consumers, Demand Side Management (DSM) initiatives in Agriculture, Municipalities, DISCOMS, Micro, Small and Medium Enterprises (MSME), Strengthening State Designated Agencies (SDA), and Awareness and Outreach. BEE is also implementing the National Mission for Enhanced Energy Efficiency (NMEEE), one of eight missions under National Action Plan on Climate Change (NAPCC) under Hon'ble Prime Minister of India. Through all these schemes, BEE is encouraging to save energy, help reduce carbon footprint and bring down the energy intensity in the country. Ultimate objectives of all these endeavours are to save precious resources for the nation, mitigating climate change and promote sustainable life.

One of the important endeavors under awareness and outreach programmed has been the Energy Conservation Awards. To raise awareness on energy efficiency and its conservation, the BEE, under the guidance of Ministry of Power, recognizes and encourages endeavors of industrial units, institutions and establishments in reducing energy consumption by felicitating them with Energy Conservation Awards on National Energy Conservation Day, celebrated on 14th December every year.

The awards were given for the first time on December 14, 1991, which was declared as the 'National Energy Conservation Day'. Since then, National Energy Conservation Awards (NECA) has been attracting the attention of all the stakeholders and has witnessed increasing participation level year after year. These awards are presented on EC day by eminent dignitaries and highest functionaries such as Hon'ble President, Hon'ble Vice-President, Hon'ble Prime Minister and Hon'ble Union Minister of Power.

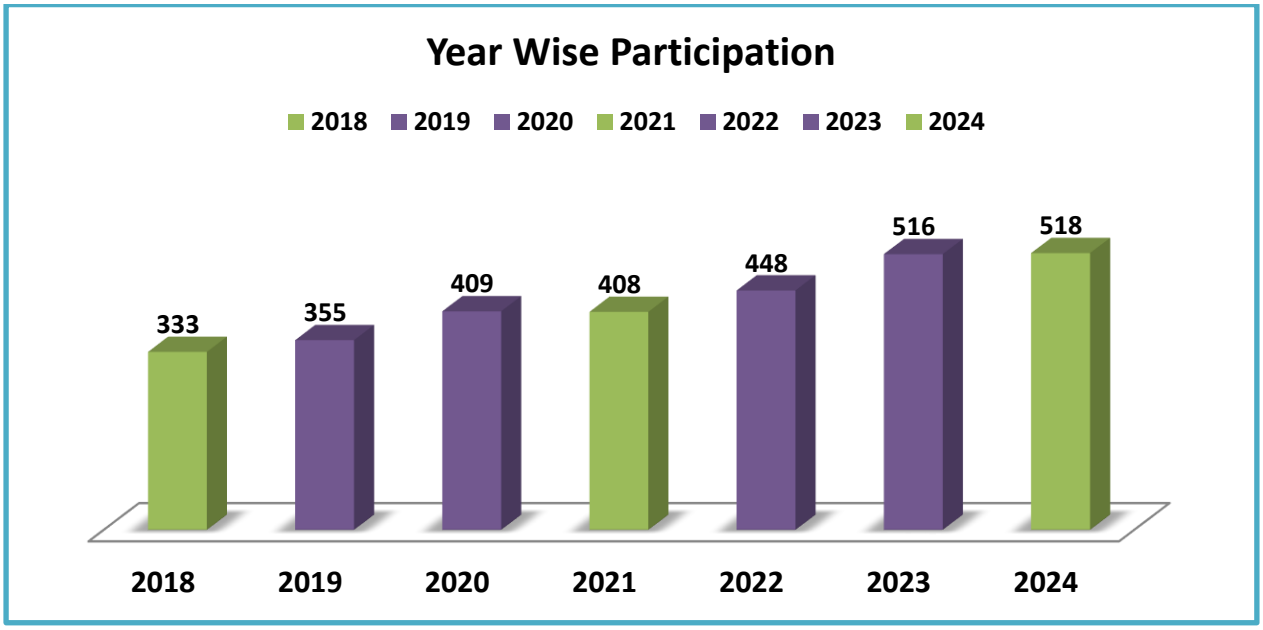
EVENT SUMMARY

Historical Data

The NECA award program commenced in the year 1991 and had encouraging outcomes and over the years participation of industries and businesses has been growing every year.

Year Wise Participation of Industries and Businesses:

The number of participants in the NECA Award has seen a steady rise over the years. In 2018, 333 participants took part, demonstrating a growing interest in energy efficiency initiatives. By 2024, this number had significantly increased to 771 (NECA-518[1] + Innovation Category- 253) participants, reflecting a substantial surge in participation and highlighting the increasing awareness and importance of energy conservation efforts within various sectors in India.



Selection of Industries / sector for participation: The aim of National Energy conservation awards (NECA) is to maximize participation in the energy conservation efforts across all sectors of industries therefore the types of industries / sectors who participate in the process are selected from different sectors every year following a Rolling Cycle process. The initiative by industry is assessed on a three-year performance cycle.

[1] Only Energy Conservation category has been considered for comparing with previous years participation.

Chapter 1 - Sectors Under Rolling Cycle

CATEGORY-INDUSTRIES		
2022	***2023***	***2024***
Chemicals	***Aluminium***	***Cement***
Consumer goods	***Ceramics***	***Chlor-Alkali***
Manufacturing	***Dairy***	***Drug & Pharmaceuticals***
Edible oil/Vanaspati	***Fertilizers***	***Food processing***
Integrated steel	***Secondary Steel***	***Glass***
Ordnance Factory	***Paints & allied products***	***Paper & pulp***
Petrochemicals	***Petroleum pipeline***	***Plastic***
Refractory	***Refinery***	***Tyre***
Sugar	***Soaps & Detergents***	***Tea***
Textile	***Thermal Power Stations***	
CATEGORY-TRANSPORT		
Railway Stations	***Automobile***	***Railway Station***
Metro Stations	***Railway Workshops***	***Aviation***
	State Road Transport Undertaking	***Logistic and Distribution***
CATEGORY-BUILDINGS		
Institutional Buildings (Engineering Institutes, Universities and Schools)	***Office & BPO buildings***	***Hotels, Hospitals, Airport, shopping malls***
CATEGORY-INSTITUTIONS		
State Level Performance Award	***State Level Performance Award***	***State Level Performance Award***
Performance award for State PWD, CPWD & PHED	***Performance award for State PWD, CPWD & PHED***	***Electricity Distribution Companies (DISCOM)***
Financial Institutions (Banks/NBFCs)	***Municipalities***	
CATEGORY-APPLIANCES		
Energy Efficient Appliance Air conditioners, Ceiling Fans, Refrigerators, Distribution Transformers and Pumps	***Energy Efficient Appliance*** Refrigerators, Storage Water heaters, Color Televisions, LED Lamps and Washing Machine	***Energy Efficient Appliance*** Deep Freezers, Ceiling Fans, Refrigerators, Distribution Transformers, LED Bulbs

Chapter 2 Impact of NECA Award-2024

The NECA Award 2024 witnessed a remarkable response, with 771 (NECA-518 + Innovation Category- 253) applications received across 19 diverse categories. This significant participation underscores the growing awareness and commitment to energy efficiency within the Indian industry.

2.1 Quantifiable Impact on Environment and Sustainability:

The collective efforts of the NECA Award winners have yielded substantial energy savings:

Particular	Value
No. of Applications	518
Categories	19
Electrical Saving in Lakh kWh	2812.86
Thermal Saving in Mkcal	438223.99
Total Saving in Toe	68013
Total Saving in Lakh kWh	7909
Avoided Capacity Generation (in MW)	30
Monetary Saving by Electrical Saving in Cr. (@7Rs/kWh)	196.90
Monetary Saving by Thermal Energy Saving in Cr.	56.34
Total Monetary Saving in Cr.	253.24
Equivalent Reduction in CO2 (in million ton) by Electrical Saving	0.20
Equivalent Reduction in CO2 (in million ton) by Thermal Saving	0.18
Net CO2 reduction (in million tonne)	0.38

2.2 Impact of Painting competition

The National Painting Competition, held as part of the National Energy Conservation Awards (NECA) 2024, has had a significant impact:

- **Raising Awareness:** The competition focused on energy conservation, educating young minds about the importance of sustainable energy practices.
- **Promoting Creativity:** It encouraged artistic expression and innovative thinking among students, allowing them to creatively convey the message of energy efficiency.
- **Inspiring Action:** The competition can inspire young people to take action in their own lives and communities to conserve energy, leading to a more sustainable future.
- **Recognition and Rewards:** The awards and recognition given to the winners can motivate students to continue their efforts in promoting energy conservation and environmental awareness.
- **Public Engagement:** The competition generates public interest and discussion around energy conservation issues, encouraging wider participation in sustainable practices.

Overall, the NECA 2024 Painting Competition has played a crucial role in raising awareness about energy conservation among young people and promoting a culture of sustainability in India.

2.3 A Catalyst for Change:

The NECA Award 2024 has not only recognized individual achievements but also served as a powerful catalyst for change. By showcasing successful energy efficiency initiatives, the program inspires others to adopt best practices and contribute to a more sustainable future. The significant energy savings realized by the awardees demonstrate the tangible impact of these efforts in reducing energy consumption, mitigating environmental impact, and contributing to India's economic growth.

Chapter 3 - NECA Program Process and Objective

3.1 National Energy Conservation Awards (NECA):

The **National Energy Conservation Award** is an initiative aimed at promoting energy efficiency and conservation across various sectors. Its primary purpose is to recognize and reward industries, establishments, and individuals who demonstrate outstanding achievements in reducing energy consumption and implementing energy-efficient practices.

Key Objectives:

1. **Encourage Energy Conservation:** Motivate organizations and individuals to adopt energy-efficient technologies and practices.
2. **Raise Awareness:** Increase public awareness about the importance of energy conservation for environmental and economic sustainability.
3. **Promote Best Practices:** Highlight exemplary models of energy management to inspire others to follow suit.
4. **Support National Goals:** Contribute to national energy security and environmental objectives by reducing the energy demand and carbon footprint.

3.2 National Energy Efficiency Award (NEEA)

The National Energy Efficiency Award (NEEA) is designed to promote and recognize innovative ideas, technologies, and solutions that contribute to enhancing energy efficiency across various sectors. Its primary aim is to encourage creativity and innovation in addressing energy challenges, fostering a culture of sustainable energy use.

Purpose and Objectives:

1. **Recognize Innovations:** Identify and honor individuals, organizations, and institutions for breakthrough ideas and solutions in energy efficiency.
2. **Encourage R&D:** Motivate research and development in energy-efficient technologies, products, and processes.
3. **Promote Energy Efficiency:** Highlight and support innovations that have the potential to significantly reduce energy consumption while maintaining or improving productivity.
4. **Accelerate Adoption:** Facilitate the dissemination of successful innovations to encourage widespread adoption in industries, buildings, transportation, and other sectors.
5. **Support National Goals:** Align with broader national and global objectives of reducing greenhouse gas emissions, conserving resources, and achieving energy security.
6. **Foster Collaboration:** Encourage partnerships between innovators, government bodies, and industry stakeholders to scale energy-efficient solutions.

The award plays a crucial role in driving the transition towards a more energy-efficient and sustainable future by spotlighting and supporting groundbreaking contributions in this domain

3.3 National Painting Competition for School Children:

It is important that the habit and concern for energy saving is inculcated in the children from their adolescent age to have a long term and widespread impact of such program. Keeping in view this belief the NECA program also covers the participation by School Children by way of organizing painting competition for schools across all states of India. This also includes an on-site live competition, wherein the students selected by each state organizer's, participate and showcase their skills and understanding of the Energy Conservation The response of student over the years has been overwhelming

Chapter 4 - Activities for NECA, NEEA and National School level Painting Competition

Conducting the Prestigious National Level program has a challenge of carrying out various small and big activities simultaneous and requires absolute coordination with various government and private agencies. Various expert agencies, viz. FICCI, ITC, EESL, CEA, CPPRI, Railway have also been taken on-board for assistance and take advantage of their experience in conducting similar activities of national importance. Collectively these agencies carried out the activities listed below and have been completed by them with commendable professionalism.

4.1 Categories of industries / sector covered for NECA 2024:

- Industries
- Transport,
- Building, Institution and
- Appliance

The categories were further divided in 29 sub sectors that were approached to participate in the award distribution and to apply for the same. The list of categories/sectors for NECA 2024 was as follows:

Sr. No.	Category - Industries
1	Cement
2	Chlor-Alkali
3	Drug & Pharmaceuticals
4	Food processing
5	Glass
6	Iron
7	Paper & Pulp
8	Plastic
9	Tyre
10	Tea
	Category – Transport
1	Zonal Railway
2	Aviation
	Category – Building
1	Hotels
2	Hospitals
3	Shopping mall
4	Airport
	Category – INSTITUTIONS
1	State Level Performance Award
2	Electricity Distribution Companies DISCOM
	Category – Energy Efficient Appliance
1	Energy Efficient Appliances (Ceiling fan, Led Bulbs, Refrigerators, Deep Freezers, Distribution Transformers)

Sr. No.	Category - Industries
1	Industry
2	Building
3	Transport
4	Students Research and Scholars

4.2 Promotion and Publicity

Awareness about the NECA is spread through multiple information dissemination means including the public media, social media and also through mails to individual establishments, Industry Associations etc.

Advertisement of NECA 2024

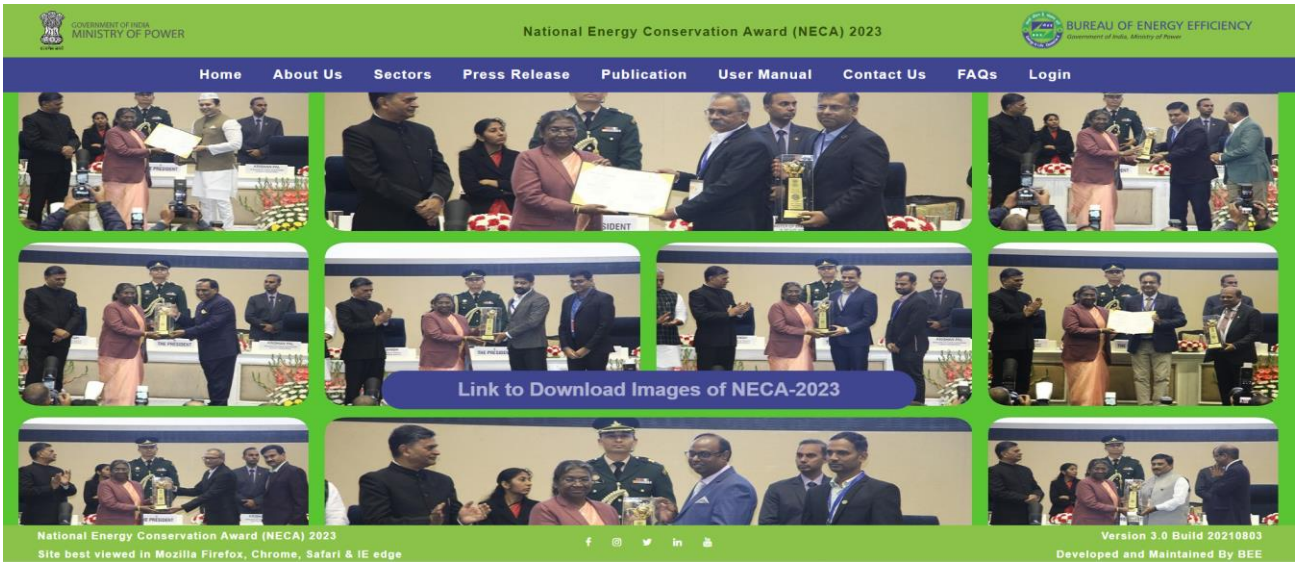
With the approval of Ad Approval Cell, PMO; the Advertisement for inviting online applications from eligible sectors was released on September 25th, 2021, in leading National Newspapers across country. The timeline for application invites and processing:

- Online application process opening - 25th September 2024
- Last date of receiving applications - *25th October 2024
  *Later extended to 7-Nov-24

4.3 NECA Portal Development:

To facilitate ease of participation, a web-based portal was developed to allow applicants to register and submit their applications on-line. The interactive portal has the user-friendly interface for easy understanding of process of registration to all potential participants.

NECA PORTAL



The support agency coordinated with IT section of BEE for matters related portals of NECA & Painting Competition. This agency also supported BEE to coordinate with the Ministry of Home Affairs, Govt. of India, for inclusion of the said portals in the Rastriya Puraskar portal.

4.4 Awareness Campaign:

To encourage participation, a multi-pronged awareness campaign was launched by BEE. The support agency carried out a campaign of regular calling to the potential applicants from the available list of companies, establishments who interacted with BEE over the years for PAT cycle and other energy related matters. This combined with various social media platforms like LinkedIn, Tweeter (X), Instagram etc. were used to disseminate information about the NECA program and application process.

The support agency develops a media strategy, including a media plan consisting of the development of overall communication & creative strategy for promoting NECA and Painting Competition.

4.5 Application Process:

The application window was opened from on 25-Sep-24 until 7-Nov-2024 for applicants to register and submit their applications through the NECA portal.
The support agency designed the application form to capture the efforts made by prospective participants, for reducing the energy intensity (specific Energy Consumption) of their plants / establishments. The key elements of this form were the production and energy consumption for

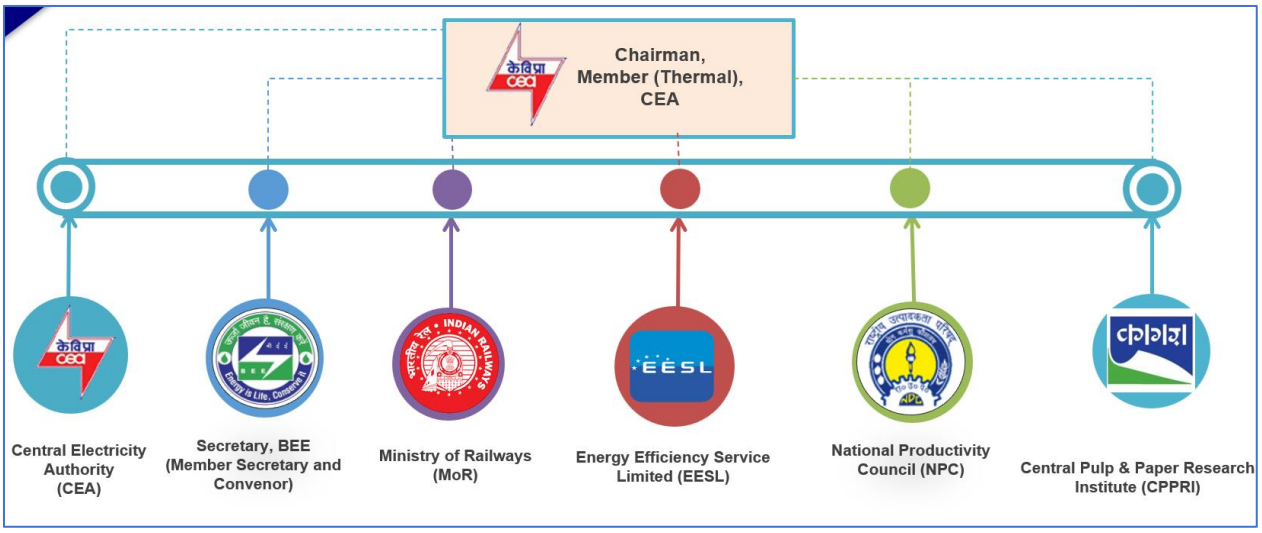
the last three years / four years to analyze the impact of applicant's energy conservation initiatives and achievements.

4.6 Monitoring and Support

- From the start date till the end of application submission a team was regularly interacting with the prospective participants to assist them for any doubts in understanding the process for submission of applications.
- An FOQ page was developed to provide ready made answers to the common queries of the applicants.
- Evaluation Metrix's were designed for each sector in accordance with the type of operations / processes in respective industry.
- Regular feedback was provided to the Steering Committee / Technical Committee w.r.t. to the number of applications received under different categories and the issues faced by the applicants in preparing the application and common errors found in data filling.
- Regular Webinar were held, where in the registered and other participants and Technical Committee members were provided to discuss the issues and answer the questions of the prospective participants. 04 nos. of webinars, for each sector, were organized by the support agency for explaining the process of submitting applications and answering queries.
- The support agency was responsible for the preliminary scrutiny of the applications received for their technical correctness and connected with the applicant for clarification, updating, etc.

4.7 Evaluation:

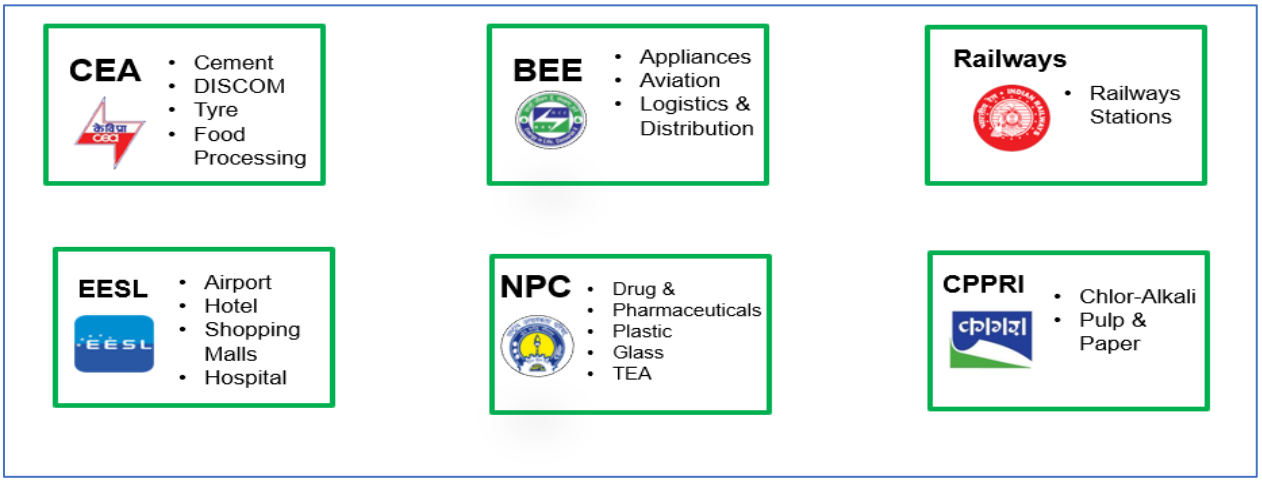
- The Technical Evaluation committees were formed to ensure comprehensive assessment and evaluation in a transparent manner.



The evaluation was conducted with the support of designated agencies with expertise in specific industry sectors:

i. Central Electricity Authority (CEA) for Cement, Discom, Tyre, and Food categories.

ii. Railway for Railway Stations.
iii. BEE for Appliances and Aviation.
iv. Energy Efficiency Services Limited (EESL) for Airports, Hotels, Shopping Malls, and Hospitals.
v. National Productivity Council (NPC) for Drug & Pharmaceutical and Glass Tea.
vi. Central Power Research Institute (CPPRI) for Chor Alkali and Paper.



- The evaluation criteria were discussed by the evaluation committees and collectively approved, before commencement of evaluation.
- These agencies assess the applications based on predefined criteria to shortlist deserving candidates.
- Criteria and Marking for NECA Awards
  - ✓ **Minimum applications for evaluation**: 10 valid applications per sector.
  - ✓ **Disqualification rule**: Organizations with a negative weighted average Specific Energy Consumption (SEC) reduction.
  - ✓ Minimum marks for awards:
    - 1st Prize: Minimum 60%
    - 2nd Prize: Minimum 50%
    - Certificate of Merit (COM): Minimum 40%

  COM distribution:
  - ✓ One COM awarded for every 10 entries in the sector.
  - ✓ Maximum COMs per sector: Up to 3 COMs, given to the top 3 qualifiers.

- Marking Criteria for NEEA Awards

Evaluation Criteria	Marks
Replicability	10
Affordability	10
Reliability	10
Impact on energy savings	10
Impact on environment & sustainability	10
Total	50

The recommendations of Technical Committee were placed before Award Committee chaired by Secretary, Power. The Award Committee, consisting of following members, after due diligence, finalized the awardees for NECA 2024.

- Chairperson, Central Electricity Authority
- Additional Secretary & Financial Adviser, Ministry
- Senior Adviser, Ministry of Power
- Director General, Bureau of Energy Efficiency
- Managing Director, EESL
- Secretary-BEE-Member Secretary cum convener

4.8 Awardees Selection and Announcement:

Based on the output of the evaluation matrix a tentative list of selected awardees was prepared. The designated / assigned evaluation team were provided the complete details of the submission by the applicants and the respective Technical Evaluation teams visited the plants for verification of the data provided and the energy conservation measures implemented and their impact. The list of final awardees was prepared based on the reports submitted by the evaluation committees.

The list of was uploaded on the NECA portal, beeindia.gov.in website on December 7, 2024.

4.9 Painting Competition for School Children

The support agency prepared a database of schools and guided them and facilitate their participation in the Painting Competition. The school's students that were selected thorough the state-level painting competitions for an on-the-spot painting competition in Delhi.

This activity is being executed by Bureau of Energy Efficiency (BEE) on behalf of Ministry of Power with the active support of Central and State Education Departments. Since 2005, the Painting Competition is organized every year at School, State and National level. This campaign has witnessed the involvement of school children in spreading the message of energy conservation in the country.

This year (2024), more than 80 Lacs students from various parts of the country participate in the Painting Competition. The winners of the National Level Painting Competition are felicitated by on 14th December, in a function held at Vigyan Bhawan, New Delhi.

Designated Agencies (SDAs) helped in coordinating with the respective state's education department and support for organising the state level painting competitions for the students of 5th, 6th & 7th Standard under Group 'A' and students of 8th, 9th & 10th Standard under Groups''.

In the year 2024, students were selected from the state level painting competitions and were invited to participate in an On-the-Spot painting Competition at NTPC Noida Category A and PGCIL Gurugram Category B on 11 Dec-2024. As a result of on-the-spot painting 26 students were finally selected for awards.

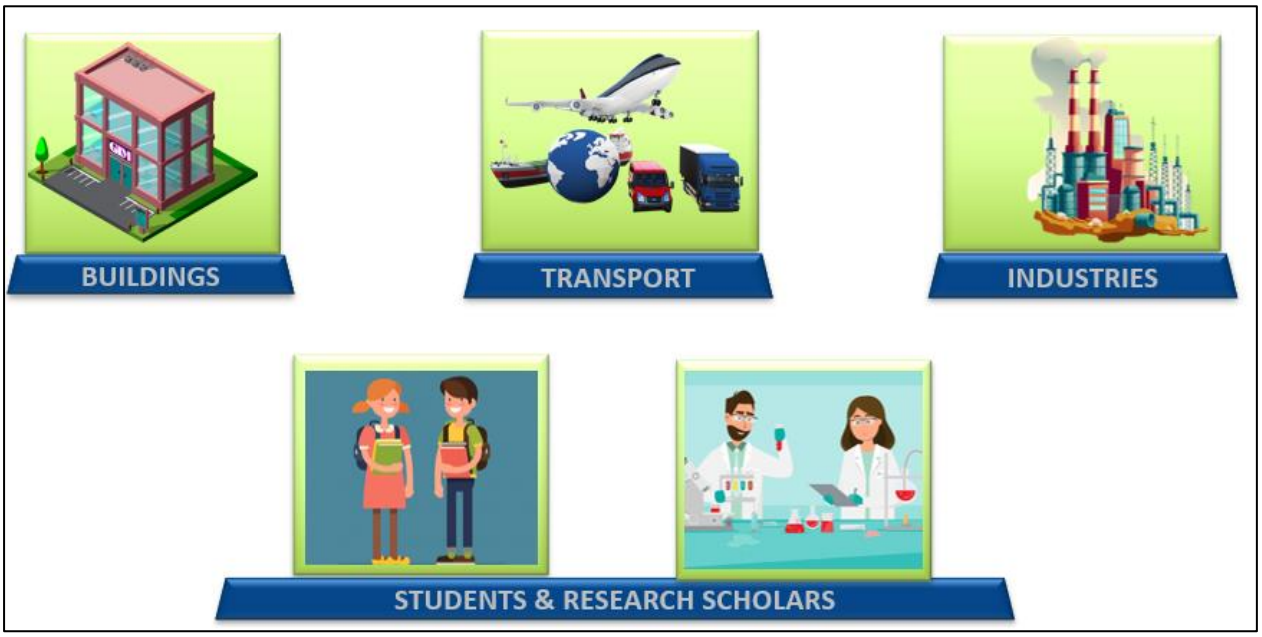
Chapter 5 -Participation in NECA 2024

A total of 518 applicants participated for NECA 2024 till closing date. The sub sector wise participation is as follows:

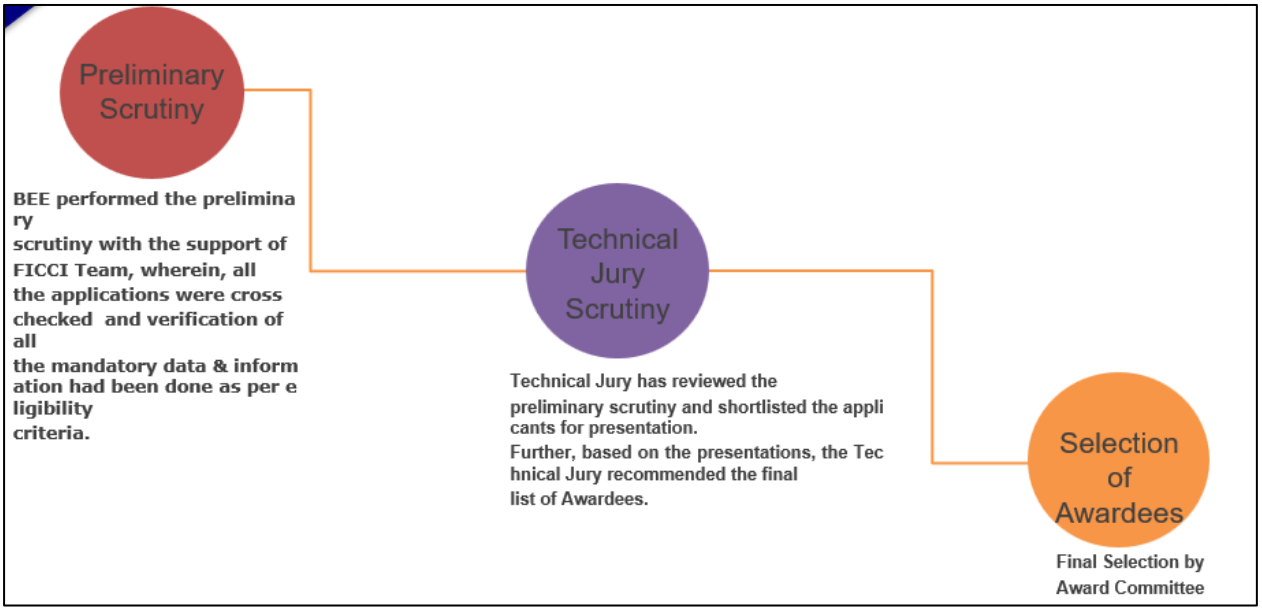
Category	Sector	Applications Received
Industry	Cement	62
	Chlor-Alkali	16
	Drug & Pharmaceuticals	22
	Food Processing	18
	Glass	8
	Paper & Pulp	18
	Plastic	28
	Tea	12
	Tyre	12
Transport	Aviation	2
	Logistics & Distribution	9
	Railway Stations	108
Buildings	Airports	8
	Hospitals	59
	Hotels	22
	Shopping malls	27
Institution	Electricity Distribution Companies (DISCOMS)	25
	State Level Performance Award	36
Appliance of the Year	Ceiling Fans	10
	Deep Freezers	4
	Distribution Transformers	1
	LED Bulbs	3
	Refrigerators	8
TOTAL (23 Sector)		518

Sectors-wise participation in NECA 2024

5.1 NECA- 2024 Innovation Category

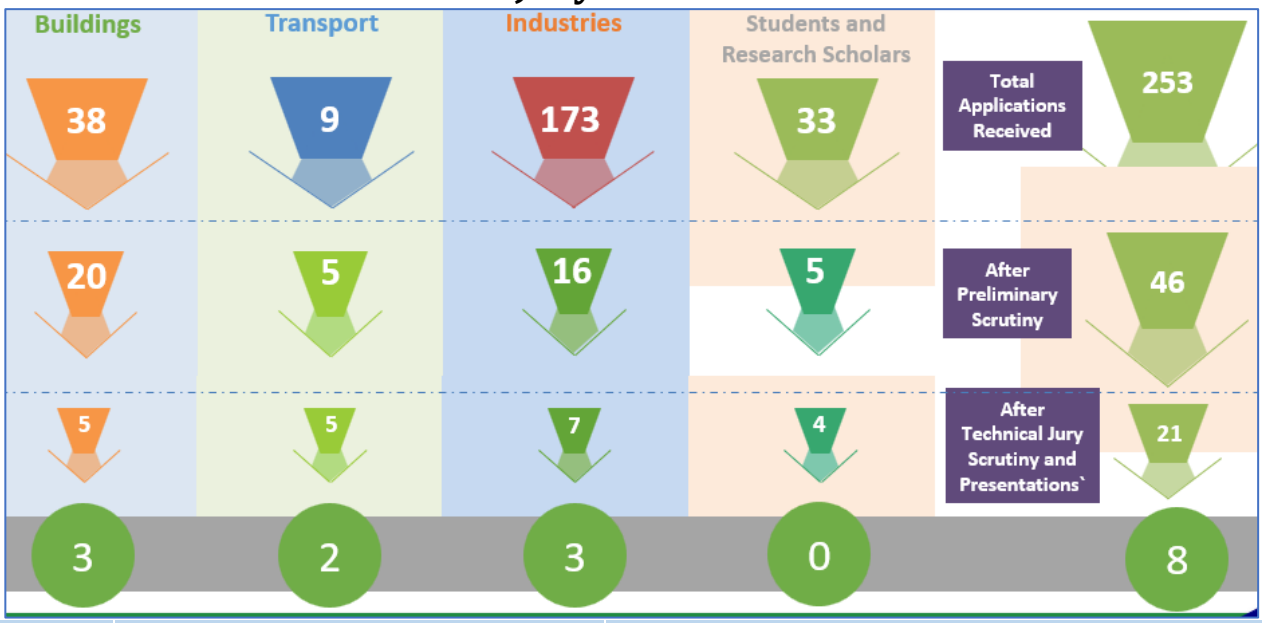


Evaluation Methodology: For NECA-2024 Innovation Category



5.2 Participations In NECA 2024 Innovation Category

Jury Member



S. No	Name & Designation	Firm
1	Dr Bhim Singh	IIT Delhi
2	Prof Bhupinder Godara	IIT Delhi –Mechanical
3	Dr Vineet Saini	Department of Science and Technology, Ministry of S&T
4	Mr A K Asthana, Energy Efficiency Expert	GIZ
5	Mr. Nagesh Kumar	Ex. National Productivity Council
6	Dr. Ashok Kumar, Ex Outstanding Scientist	Central Building Research Institute (CBRI)
7	Ms Mili Majumder	Green Business Certification Institute
8	Mr. Saurabh Dalela	International Centre for Automotive Technology
9	Mr. Arindam Lahiri, CEO	Automotive Skills Development Council

Chapter 6 -National Painting Competition on Energy Conservation 2024

6.1 Theme And Topics

The NECA Painting Competition offers a vibrant platform for young artists to express their creativity while raising awareness about crucial environmental issues. [1] At the school level, themes like "Energy Conservation for Protection of Environment" and "Energy Saving for Environment Savings" encourage students to explore the connection between energy consumption and environmental impact. Moving to the state level, themes like "Protects Nature Gifts, Embrace Sustainable Shifts" and "You Have Power to Save Power" emphasize the importance of individual actions in safeguarding our planet. Finally, at the national level, themes such as "Save Energy to Save the Environment," "Green Mobility for the Sustainability of the Environment," and "Conservation is Key, Lets Protect Our Air and Trees" broaden the scope to encompass national and global environmental challenges, inspiring young minds to become champions of sustainability

6.2 Participation And Winner

A total of about 81 lakh entries of Paintings were received. Out of which selected students participated in the finals of painting competition held in Delhi NCR in the NTPC premises. Finally, 13 students from Group A and 13students from Group B were selected for top awards of National Competition.

List of Awardees of NECA Painting Competition-2024

Group-A				
Sr. No.	**Prize**	**Name**	**Class**	**School**
1	First	Sahaj Chaturbhuj Ramani	VII	Hillwoods School, Gandhinagar (Gujarat)
2	Second	Shreeram Prasad Ankula	VI	PM Shri Jawahar Navodaya Vidyalaya, Gajapati (Odisha)
3	Third	Agaan Lalit Kumar	VII	St. Edward's School, Shimla (Himachal Pradesh)
4	Appreciation	Varada M. R.	VI	GGVHSS Cherukunnu, Kannur (Kerala)
5	Appreciation	Jigmet Zangdon	V	Ladakh Public School, Leh (Ladakh)
6	Appreciation	Bhavini	VII	Bhavan Vidyalaya (Senior Wing), (UT Chandigarh)
7	Appreciation	Pruthveesh N. Dombar	VII	Bharatesh Central School-Halaga, Belagavi (Karnataka)
8	Appreciation	Aayush Sahu	VII	St. Teresa's Convent School, Raigarh (Chhattisgarh)
9	Appreciation	Amrit Kumar Mohanty	V	BJEM, Bhubaneswar (Odisha)
10	Appreciation	Suhina Naskar	V	Somerville School, Sector-22, Noida (Uttar Pradesh)
11	Appreciation	Anshika	VII	Birla Shishu Vihar, Pilani (Rajasthan)

12	Appreciation	Makwana Krishna Ashwin	VII	Shree Swaminarayan Gurukul, Vidyalaya, Surat (Gujarat)
13	Appreciation	Akriti Sharma	VII	Army Public School, Samba (J & K)
Group-B				
1	First	Ritesh Guha Roy	X	Bhavan's Tripura Vidyamandir, Agartala (Tripura)
2	Second	Nishtha Priyam Sharma	IX	Gurukul Grammar Sr. Sec. School, Guwahati (Assam)
3	Third	Rudransh Jindal	X	St. Edward's School, Shimla (Himachal Pradesh)
4	Appreciation	Aditi Sharma	IX	AIWC Academy of Excellence, Jamshedpur (Jharkhand)
5	Appreciation	Vatsal Sonwani	IX	Delhi Public School, Bhilai (Chhattisgarh)
6	Appreciation	Sayak Kar	VIII	Hooghly Collegiate School, Hooghly (West Bengal)
7	Appreciation	Netra Rajesh Kaanna	IX	SBOA School & Junior College, Chennai (Tamil Nadu)
8	Appreciation	Debjit Jana	X	Chowgule Public School, Karol Bagh (Delhi)
9	Appreciation	Gopika Kannan	X	SN Trusts Central School, Kollam (Kerala)
10	Appreciation	Ramya Khatsuriya	X	Naimisharanya School, Bhavnagar (Gujarat)
11	Appreciation	Pranav Garg	X	BCM Arya Model Sr. Sec. School, Ludhiana (Punjab)
12	Appreciation	Shruti Singha	X	Guwahati Public School, Batahguli (Assam)
13	Appreciation	Rushitha Kongari	IX	AES Dr. K. Ramesh Babu Memorial Sr. Sec. School, Pushp Vihar (Delhi)

Chapter 7 -Award Day Preparations

7.1 Certificates Printing:

The support agency Designed and Print Certificates, Invitation Cards and Paintings with Frames as follows:

b. The certificates (bilingual), approx. 100 Nos. (+/- 10%), along with cover jackets to be awarded to the awardees shall be printed by the agency.
c. The agency shall print invitation cards (approximately 6000 nos., +/- 10%). The color combination of the invitation cards in different categories, namely VIPs, Awardees and Guests (along with Parking stickers) would be different and shall be provided by BEE.

7.2 Invitation Card

We are delighted to announce that invitation cards are currently being dispatched to all the esteemed winner candidates and respected guests of the NECA Painting Competition. We eagerly anticipate your gracious presence at the award ceremony as we celebrate the exceptional talent and creativity showcased by our young artists.

पंकज अग्रवाल
सचिव, भारत सरकार, विद्युत मंत्रालय

राष्ट्रीय ऊर्जा संरक्षण दिवस समारोह
के अवसर पर, शनिवार, 14 दिसम्बर, 2024, को शाम 04.00 बजे
विज्ञान भवन, नई दिल्ली

आपको सादर आमंत्रित करते हैं।

श्री जगदीप धनखड़
भारत के उपराष्ट्रपति

समारोह के मुख्य अतिथि होंगे तथा

राष्ट्रीय ऊर्जा संरक्षण पुरस्कार
और
राष्ट्रीय चित्रकला प्रतियोगिता पुरस्कार
प्रदान करेंगे

गरिमामयी उपस्थिति
श्री मनोहर लाल
केंद्रीय विद्युत और आवासन एवं शहरी कार्य मंत्री
और
श्री श्रीपाद येसो नाइक
विद्युत और नवीन एवं नवीकरणीय ऊर्जा राज्य मंत्री

उत्तरापेक्षी :
सचिव, बी.ई.ई.
चौथी मंजिल, सेवा भवन,
आर.के.पुरम, नई दिल्ली–66
दूरभाष : +91-11-26766700

नोट: कृपया 3.00 बजे तक अपना स्थान ग्रहण कर लें।

Pankaj Agarwal
Secretary to the Government of India, Ministry of Power
cordially invites you to the

NATIONAL ENERGY CONSERVATION DAY FUNCTION
at 04:00 pm on Saturday, 14th December, 2024
Vigyan Bhawan, New Delhi

Shri Jagdeep Dhankhar
The Vice President of India

has kindly consented to be the Chief Guest
and present the

NATIONAL ENERGY CONSERVATION AWARDS
&
NATIONAL PAINTING COMPETITION PRIZES

in the gracious presence of
Shri Manohar Lal
Union Minister for Power and Housing & Urban Affairs
&
Shri Shripad Yesso Naik
Minister of State for Power and New & Renewable Energy

R.S.V.P.
Secretary, BEE
4th Floor, Sewa Bhawan,
R.K. Puram, New Delhi-66
Phone: +91-11-26766700

Note: Please be seated by 3:00 PM

GOVERNMENT OF INDIA
MINISTRY OF POWER

राष्ट्रीय ऊर्जा संरक्षण दिवस समारोह, 2024

दिनांक: 14 दिसंबर 2024 स्थान: विज्ञान भवन, नई दिल्ली

प्रतिपल कार्यक्रम

15:45 बजे	भारत की माननीय उपराष्ट्रपति और डॉ. (श्रीमती) सुदेश धनखड़ जी का विज्ञान भवन, नई दिल्ली में आगमन पर स्वागत: • श्री मनोहर लाल, माननीय केंद्रीय मंत्री, विद्युत तथा आवास एवं शहरी कार्य मंत्रालय • श्री श्रीपाद येसो नाइक, माननीय राज्य मंत्री, विद्युत और नवीन एवं नवीकरणीय ऊर्जा मंत्रालय • श्री पंकज अग्रवाल, सचिव, विद्युत मंत्रालय, भारत सरकार
15:47 बजे	भारत के माननीय उपराष्ट्रपति महोदय का प्रदर्शनी क्षेत्र में समूह फोटोग्राफ के लिए आगमन : (i) राष्ट्रीय चित्रकला प्रतियोगिता के विजेता स्कूली बच्चों के साथ (ii) राष्ट्रीय ऊर्जा संरक्षण पुरस्कार विजेताओं के साथ
15:50 बजे	भारत की माननीय उपराष्ट्रपति महोदय का स्कूली बच्चों द्वारा बनाई गई पुरस्कार विजेता पेंटिंग अवलोकन के लिए प्रदर्शनी क्षेत्र में आगमन • मंच पर स्वागत
15:55 बजे	• गणमान्य व्यक्तियों का मंच पर आसीन होना • एमसी द्वारा सभी उपस्थित लोगों से राष्ट्रगान के लिए खड़े होने का अनुरोध • राष्ट्रगान
15:57 बजे	स्वागत भाषण : श्री पंकज अग्रवाल, सचिव, विद्युत मंत्रालय, भारत सरकार
16:00 बजे	• **भारत की माननीय उपराष्ट्रपति महोदय को शाल भेंट कर सम्मानित किया जाना : श्री मनोहर लाल, माननीय केंद्रीय मंत्री, विद्युत तथा आवास एवं शहरी कार्य मंत्रालय द्वारा** • प्रथम पुरस्कार विजेता द्वारा अपनी कलाकृति भेंट किया जाना
16.02 बजे	भाषण: श्री श्रीपाद येसो नाइक, माननीय राज्य मंत्री, विद्युत तथा नवीन एवं नवीकरणीय ऊजा।
16:05 बजे	संबोधन : श्री मनोहर लाल, माननीय केंद्रीय मंत्री विद्युत तथा आवास एवं शहारी कार्य मंत्रालय
16:10 बजे	भारत के उपराष्ट्रपति महोदय द्वारा निम्नलिखित पुरस्कार प्रदान किया जाना : • स्कूली बच्चों द्वारा ऊर्जा संरक्षण पर राष्ट्रीय चित्रकला प्रतियोगिता पुरस्कार • राष्ट्रीय ऊर्जा संरक्षण पुरस्कार
16:20 बजे	भारत के माननीय उपराष्ट्रपति महोदय का उद्बोधन
16:44 बजे	राष्ट्रगान
17:45 बजे	भारत के माननीय उपराष्ट्रपति और डॉ. (श्रीमती) सुदेश धनखड़ जी का प्रस्थान
	कार्यक्रम जारी
16.55 बजे	श्री मनोहर लाल, माननीय केंद्रीय मंत्री, विद्युत तथा आवास एवं शहरी कार्य मंत्रालय द्वारा राष्ट्रीय चित्रकला प्रतियोगिता, 2024 और एनईसीए, 2024 के शेष विजेताओं को पुरस्कार प्रदान किया जाना
17.25 बजे	रिपोर्ट का विमोचन – भारत का ऊर्जा परिदृश्य, वर्ष 2023-24
17.30 बजे	धन्यवाद ज्ञापन, श्री श्रीकांत नागुलापल्ली, महानिदेशक, बीईई एवं आर सचिव, विद्युत मंत्रालय, भारत सरकार

टिप्पणी:
- *पुरस्कार विजेताओं और अतिथियों से अनुरोध है कि वे अपराह्न 03.00 बजे तक अपना स्थान ग्रहण कर लें।*
- *कृपया अपने साथ निमंत्रण कार्ड और एक फोटो पहचान पत्र अवश्य लाएं।*
- *कृपया कोई भी हैंडबैग, ब्रीफकेस, कैमरा, इलेक्ट्रॉनिक गैजेट आदि साथ न लाएँ।*

GOVERNMENT OF INDIA
MINISTRY OF POWER

National Energy Conservation Day Function, 2024

Date: 14th December 2024 Venue: Vigyan Bhavan, New Delhi

Minute to Minute Programme

15:45 h	Arrival of the Vice-President of India and Dr. (Smt.) Sudesh Dhankhar at Vigyan Bhawan, New Delhi received by: • Shri Manohar Lal, Union Minister of Power and Housing and Urban Affairs • Shri Shripad Yesso Naik, Minister of State for Power and New & Renewable Energy • Shri Pankaj Agarwal, Secretary, Ministry of Power
15:47 h	The Vice President of India is conducted for Group Photograph at Exhibition Area with: (I) Winners of National Painting Competition for School Children (ii) Winners of National Energy Conservation Awards
15:50 h	The Vice President of India is conducted at Exhibition Area to see Prize winning paintings by School Children • Proceed to the Dais
15:55 h	• Dignitaries to take their seats on the dais • MC to announce for all present to stand up for National Anthem • National Anthem
15:57 h	Welcome Speech by Shri Pankaj Agarwal, Secretary, Ministry of Power.
16:00 h	• Presentation of Shawl to the Vice-President of India by Shri Manohar Lal, Union Minister of Power and Housing and Urban Affairs • Presentation of Memento by the winner (1st Prize Winning Painting)
16: h	Speech by Shri Shripad Yesso Naik, Minister of State for Power and New & Renewable Energy
16:05 h	Speech by Shri Manohar Lal, Union Minister of Power and Housing and Urban Affairs
16:00 h	Presentation of following awards by the Vice President of India • National Painting Competition on Energy Conservation by School Children • National Energy Conservation Awards
16:20 h	Address by the Vice President of India
16:44 h	National Anthem
16:45 h	Departure of the Vice-President of India and Dr. (Smt.) Sudesh Dhankhar
	Programme Continues
15:55 h	Shri Manohar Lal, Union Minister of Power and Housing and Urban Affairs presents prizes to the remaining winners of National Painting Competition 2024 and NECA 2024
17:25 h	Launch of Report - India Energy Scenario for the Year 2023-24
17:30 h	Vote of Thanks by Shri Srikant Nagulapalli, Director General, BEE and Additional Secretary, Ministry of Power

Note:
- *Awardees & Guests are requested to be seated by 03:00 p.m.*
- *Please bring the invitation card along with a photo ID with you.*
- *Please do not bring along any handbag, briefcase, camera, electronic gadget etc.*

Chapter 8 -NECA Award Ceremony:

The award ceremony is organized on National Energy Conservation Day December 14, every year. This year also the NECA Award ceremony was held on Dec 14, 2024, at Vigyan Bhawan, Delhi, to felicitate the winning candidates/ Companies who contributed to the goal of reducing the energy intensity of the business / production.

The 2024 NECA awards distribution function was chaired by Honorable Vice-President of India Sh. Jagdeep Dhankhar. List of dignitaries on the dais:

- Honorable Sh. Jagdeeep Dhankhar, Vice-President of India.
- Sh. Manohar Lal, Union Minister of Power and Housing and Urban Affairs.
- Sh. Pankaj Agarwal, Secretary, Ministry of Power.
- Sh. Shripad Yesso Naik, Minister of State for Power and New and Renewable Energy.
- Shri Srikant Nagulapalli, Director General, BEE and Additional Secretary Ministry of Power

8.1 Painting Exhibition NECA Award Ceremony:

The support agency got the Prize-Winning Paintings printing & framed them in high-resolution for arranging their exhibition in a gallery at Vigyan Bhawan, in the prescribed size and quality paper and wooden frames.

Paintings were finally presented to the Honourable Vice-President of India Sh. Jagdeep Dhankhar and other high-level dignitaries and senior officials.

8.2 Post Award Activities

- The support agency designed an e-award book for the NECA & Painting Competition 2024, containing profiles of awards including best practices adopted for energy efficiency and conservation and paintings of National winners.
- The support agency coordinated with representatives of the awardees and have compile their profile for the award book.
- The support agency has submitted all the related data in soft copy, two sets.

Chapter 9 -Sector wise details of NECA awardees

Category: Industry

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
Cement	**Dalmia Cement Bharat Ltd.** Cuttack (Odisha)	**JK Cement Works** Nimbahera (Rajasthan)	**(1) JK Cement Works** Muddapur (Karnataka) **(2) Nuvoco Vistas Corp Ltd.** Chittorgarh (Rajasthan) **(3) Prism Johnson Ltd.** Satna (Madhya Pradesh)
Food Processing	**Sumul Food Factory** Surat (Gujarat)	**Hindustan Unilever Ltd.** Sonipat (Haryana)	**Shri Ram Papads Pvt. Ltd.** Bikaner (Rajasthan)
Tyre	**Yokohama India Pvt. Ltd.** Bahadurgarh (Haryana)	**JK-Tyre Industry Ltd.** Banmore (Madhya Pradesh)	**Balkrishna Industries Ltd., Chopanki Unit** Bhiwadi (Rajasthan)
Drugs & Pharmaceutical	**Deccan Fine Chemicals India Pvt. Ltd.** Ankleshwar (Gujarat)	**Shilpa Pharma Life Sciences Ltd.** Raichur (Karnataka)	**Cipla Ltd., Site Goa-2** Verna (Goa)
Paper & Pulp	**Khanna Paper Mills Ltd.** Amritsar (Punjab)	**BILT Graphic Paper Products Limited** Ballarpur (Maharashtra)	**Tamil Nadu Newsprint and Papers Ltd.** Karur (Tamil Nadu)
Plastic	**SMR Automotive Systems India Ltd.** Kancheepuram (Tamil Nadu)	**Jagdamba Polymers Pvt. Ltd.** Balasore (Odisha)	**(1) The Supreme Industries Ltd.** Mahbubnagar (Telangana) **(2) Marelli Motherson Automotive Lighting India Pvt. Ltd.** Pune (Maharashtra)
Chlor Alkali	**Grasim Industries Ltd.,**	**Bodal Chemicals**	**Grasim Industries Ltd., Chemical Division**

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
	Chemical Division Palamau (Jharkhand)	**Ltd., Unit XII** Patiala (Punjab)	Bharuch (Gujarat)
Tea	**Tata Consumer Products Ltd.** Rohtak (Haryana)	**Tata Consumer Products Ltd.** Salona (Assam)	
Glass			**PGP Glass Pvt. Limited** Kosamaba (Gujrat)

Category: Transport

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
Railway Stations	**Renigunta Junction Railway Station** (Andhra Pradesh)	**Jammikunta Railway Station** (Telangana)	**(1) Hyderabad Railway Station** (Telangana) **(2) Nizamabad Railway Station** (Telangana) **(3) Subedarganj Railway Station** (Uttar Pradesh)
Aviation	--	--	**(1) Spice Jet Ltd.** (Haryana) **(2) InterGlobe Aviation Ltd. (IndiGo Airlines)** (Haryana)

Category: Building

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
Hotels	**Grand Hotel** Kochi (Kerala)	**ITC Sonar** Kolkata (West Bengal)	**(1) Taj Club House** Chennai (Tamil Nadu) **(2) The Residency** Chennai (Tamil Nadu)
Hospitals	**Railway Hospital** Guntakal (Andhra Pradesh)	**Divisional Railway Hospital** Izzat Nagar (Uttar Pradesh)	**(1) Central Hospital, South Central Railway** Hyderabad (Telangana) **(2) Mary Queens Mission Hospital**

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
			Kottayam (Kerala) **(3) Divisional Railway Hospital, Southwestern Railway** Bengaluru (Karnataka)
Shopping malls & Plazas	**Lulu International Shopping Malls Pvt. Ltd.** Thiruvananthapuram (Kerala)	**Phoenix Marketcity** Mumbai (Maharashtra)	**Lulu International Shopping Malls Pvt. Ltd.** Kochi (Kerala)
Airport	--	--	**Ahmedabad International Airport Ltd.** Ahmedabad (Gujarat)

Category: Institution

Sector	1st Prize	2nd Prize	Certificate of Merit (COM)
DISCOM	**North Bihar Power Distribution Company Ltd.** Patna (Bihar)	**TP Western Odisha Distribution Ltd.** Sambalpur (Odisha)	**(1) TP Northern Odisha Distribution Ltd.** Balasore (Odisha) **(2) Tata Power Delhi Distribution Ltd.** (Delhi)
State Performance Award	Group - 1: Maharashtra Group - 2: Andhra Pradesh Group - 3: Assam Group - 4: Tripura	Group - 1: Karnataka Group - 2: Kerala Group - 3: Goa Group - 4: (1) Meghalaya (2) Chandigarh	--

Category: Appliances

Appliance	Model no.
Ceiling Fan	Atom Berg (Model No. REC41235RM)
Deep Freezer	Haier (Model No. HFC-588D)
Refrigerator	LG (Model No. GL-D211HSEZ)

Project Brief Innovation Awards (NEEA)

Sector	1st Prize	2nd Prize	Certificate of Recognition (COR)
Industry	**SCHOTT Glass India Pvt. Ltd.** 100% Oxyfuel Furnace	--	**(1) IOCL, Mathura Refinery** Boiler Feed Water Injection in Atmospheric Vacuum Unit Preheat Train **(2) Reliance Industries Ltd., Hazira** Azeotropic Distillation Project
Transport	**Intergral Coach Factory** Vande Bharat - Indigenous Semi High Speed Train Set	--	**Rajkot Division, Western Railway** Automation of Undergear Lights
Building	**DPAP Architects** First Super ECBC Building	**IIT, Kharagpur** Precast Bamboo Reinforced Concrete	**Koneru Lakshmaiah Education Foundation** Smart Campus

Chapter 10 -Site Photograph

राष्ट्रीय ऊर्जा संरक्षण
पुरस्कार 2024
14 दिसंबर, 2024
विज्ञान भवन, नई दिल्ली
National Energy Conservation
Awards 2024
14th December, 2024
LiFE
14 दिसंबर, 2024, विज्ञान भवन, नई
National Energy Conservation
14th December, 2024, Vigyan Bhawan,