

National Award for Excellence in Energy Management 2024

The National Award for Excellence in Energy Management celebrated 25 years of recognizing outstanding contributions to energy efficiency and sustainability. Organized by the CII-GBC on September 11 and 12, the event honored organizations and individuals who have made significant strides in advancing energy conservation, innovative technologies, and sustainable practices across various sectors.

Evolution:

CII initiated national award for excellence in energy management in 1999. This award program is India's largest, oldest growing event in energy efficiency. The CII is now celebrating the 25th anniversary of its national award for excellence in energy management. The uniqueness of this award program is comprehensive evaluation of participating companies, premier learning and networking platform, exclusive showcase of energy efficient products, unmissable opportunity for the industries.



Companies are evaluated by the expert panel of judges based on global/ national best in SEC, reduction in SEC in the last 3 years, energy saving projects implemented in the last 3 years, utilization of renewable energy & waste, teamwork and monitoring systems, innovation in projects implemented.

Types of awards: Excellent Energy Efficient Unit, Energy Efficient Unit, Most Innovative Product/ Service, Innovative Product/ Service, Young & Emerging Leader in Energy Efficiency, National Energy Leader, High impact Program for Energy Efficiency

Benefits for the participating companies: Provides national recognition for commitment towards energy conservation, imparts an added dimension to the public positioning of the company, excellent platform for sharing best practices amongst industries.

Growth of CII Energy Awards in 25 years:

- Sector participation- 6 to 18 numbers
- Applications- 150 to 550 companies
- Winners of the award program- 50 to 200 numbers
- Evaluation parameters- 2 to 10 numbers
- Panel of judges- 15 to 35 numbers
- Four panel events along with energy awards
- Exhibition with 100 plus technologies

Key trends of the energy transition observed in last 25 years:

- Adoption of energy efficient measures
- Technological innovation
- Growth of renewable energy
- Regulatory, and policy support
- Industry leadership, and best practices
- Energy savings, and environmental impact
- Capacity building and awareness

Summary of Findings:

- Indian industries have reduced specific energy consumption SEC across all sectors.
- The main drivers for this reduction are part implementation and technological advancements.
- Many innovative projects have been globally implemented for the first time.
- Indian cement and steel sectors are setting global benchmarks in energy efficiency.
- Energy awards data highlights significant investment in solar PV across sectors.
- Number of green certified buildings are increasing showing growing benefits from certification.



Energy Awards 2024



Overview

This year, the CII National Award for Excellence in Energy Management saw exceptional participation from around the country, with registrations from over 570 companies across more than 15 sectors. A total of 207 companies were shortlisted for the final round, representing the highest standards in optimizing energy use and implementing innovative solutions.

The program celebrated outstanding achievements in various sectors, including Automobile, Buildings, Cement, Chemical, Data Centers, DISCOM, Electronics, Engineering, Fertilizer, Metal, MSME, Paper, Petrochemical, Pharma, Power, Railways, Sugar, Textile, Tyre etc.

With a focus on innovation and excellence, the program highlighted the crucial role of AI and other technologies in driving the transition toward a Net Zero future, fostering collaboration across industries and inspiring further advancements in energy-efficient practices.

The awards aimed to encourage best practices, promote knowledge sharing, and inspire a commitment to achieving national energy goals. With a diverse range of categories, the program showcased exemplary projects that demonstrated measurable impacts in reducing energy consumption and enhancing environmental performance.

Award Categories & Number of Winners

1. National Energy Leader: 21 Units
(represents consistency in energy performance for three consecutive years)
2. Excellent Energy Efficient Unit: 82 Units
3. Energy Efficient Unit: 115 Units
4. Most Innovative Product/Service: 2
5. Innovative Product/Service: 2
6. Young & Emerging Leader in Energy Efficiency: 4
7. High Impact Program for Energy Efficiency: 2 Organizations

CII National Energy Leaders 2024:

1. Adani Dahanu Thermal Power Station, Dahanu
2. Bharat Aluminium Company Limited, Korba
3. Central Workshop, Southern Railway, Ponmalai
4. Dalmia Cement (Bharat) Limited, Ariyalur
5. Dalmia Cement (Bharat) Limited, Dalmiapuram
6. Dalmia Cement (Northeast) Limited, Lanka
7. Fortis Healthcare Limited, Mohali
8. GMR Hyderabad International Airport Limited, Hyderabad
9. GMR Warora Energy Limited, Warora
10. ITC Limited, Kidderpore
11. JK Cement Limited, Balasinor
12. JK Cement Limited, Jharli
13. JK Paper Limited, Unit: JKPM, Rayagada
14. Kirloskar Oil Engines Limited, Kagal, Kolhapur
15. NTPC Limited, Sipat
16. Orient Cement Limited, Chittapur
17. Rashtriya Ispat Nigam Limited, Visakhapatnam
18. Seshasayee Paper & Boards Limited, Erode
19. Tata Motors Limited, Pantnagar
20. Tata Steel Limited, Jamshedpur
21. Wipro Limited, Kodathi, Bengaluru



Winners Speak!



“This program provided me with valuable insights on how to be a leader in energy efficiency and how to drive energy efficiency initiatives for both the country and my company. This is how I will contribute to the proud mission of Viksit Bharat.”- **Mr. Paras Sharma, Young & Emerging Leader in Energy Efficiency**

“We learned a lot from previous years and worked to implement those lessons this year, which contributed to our receiving this prestigious award. I am grateful for the opportunity to learn and be motivated by the experiences shared at the summit.”- **Rajani Kumar, AGM-Dodla Dairy, Hyderabad- Excellent Energy Efficient Unit**



“By participating in this conclave, we have gained insights into the latest technologies and the challenges faced by other industries, as well as how they have overcome these obstacles. It is an excellent platform that provides significant knowledge to everyone involved, and winning this award further reinforces our commitment to learning and growth.” **Kumaresan, DM-Dalmia Cements (Bharat) Limited, Dalmiapuram- National Energy Leader**

“I congratulate the CII and the Green Business Centre for conducting energy awards systematically and successfully for the past 25 years. Receiving this award on behalf of my organization, Rashtriya Ispat Nigam Limited, is a testament to our commitment to the cause of energy conservation. With this award, RINL is recognized as national leader in the field.”-

K Sudhakar, GM- Rashtriya Ispat Nigam Limited- National Energy Leader



“Getting this award is very important for our organization because it serves as motivation for both our officers and lower-level staff, helping us to improve our efficiency and overall performance.”- **Shiva Kumar- Tamil Nadu Newsprint & Paper Limited, Excellent Energy Efficient Unit**