

BEE LINE

NEWSLETTER



- ▶ **ANGAN - An International Conference For Energy Efficiency in Building Sector**
- ▶ **National Conclave on Enhancing EE in MSME**
- ▶ **Awareness Campaign on Energy Conservation**



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MESSAGE

The demand for energy has grown substantially with the growth in economy. This has resulted in high energy intensity in various sectors which is a matter of concern. The high energy consumption is one of the reasons for climate change and global warming as most of the power plants are conventional fuel based.

This challenge of climate change calls for extraordinary vision, compassion and wisdom. Bureau of Energy Efficiency is driving efforts to promote energy efficiency and tackle this problem with its efficient schemes like Perform, Achieve & Trade (PAT), Energy Conservation Building Code (ECBC), Demand Side Management (DSM), and Standards & Labeling (S&L) etc.

There is a need to optimise India's energy consumption and reduce carbon emission in order to achieve sustainable living. BEE's initiative benefits the energy intensive industries through various Research and Development and Innovation in Cooling and Refrigeration, Training & awareness program under Agricultural Demand Side Management (AgDSM) program etc.

This issue of BEEline, intends to showcase its initiatives and build awareness through capacity building of our stake holders. There is a need for all of us to come forward and join hands for a sustainable and energy efficient living.

Abhay Bakre
Director General, BEE



MESSAGE

The BEE line newsletter is our effort to promote energy efficiency, inform stakeholders, motivate them to reduce carbon emissions and contribute towards conserving the resources of our planet for a better future.

The Bureau of Energy Efficiency is working significantly to reduce India's carbon emissions. It is BEE's mission to develop policies and strategies and drive a path towards reducing the energy intensity of our country. Through various state level and national workshop on UNNATEE (Unlocking National Energy Efficiency potential), Training session on Monitoring and Verification of Petroleum refineries under PAT, appraising stakeholders about the key features of Standards & Labeling programme and its compliance tool, BEE is working towards building opportunity to fight against climate change with minimum levels of emissions through alternatively employing new energy efficient technologies.

In order to attain a sustainable future, there is a need for integrated effort by everyone to incorporate energy efficiency as a value in our lives.

R.K Rai
Secretary, BEE

NATIONAL CONCLAVE ON ENHANCING ENERGY EFFICIENCY IN MSME SECTOR



Bureau of Energy Efficiency (BEE) organized “National Conclave on Enhancing Energy Efficiency in MSME sector” on 23rd-24th September, 2019 at New Delhi. This two-day Conclave observed participation of about 300 senior officials from the Government, members from Industry Associations, MSME entrepreneurs, technology and service providers, sectoral energy experts, who are contributing significantly for the development of MSME sector and taking this sector towards sustainable and green pathway. An exhibition, showcasing breakthrough energy efficient technologies in MSME sector, was also organized during this conclave.



Shri Nitin Gadkari, Hon’ble Minister of MSMEs and Road Transport and Highways, and Shri R.K. Singh, Hon’ble Minister of State (IC) for Power and New & Renewable Energy, jointly inaugurated the Conclave and the Exhibition displaying Energy Efficient Technologies for MSME Sector.



Following were the key highlights of the conclave –

- **Release of Energy Conservation Guidelines for MSME** – Bureau has developed Energy Conservation Guidelines for MSMEs to standardize the energy performance values of various energy utilities and systems deployed in the manufacturing processes. These guidelines, in long run, will help MSME sector to be more competent and energy efficient in nature.



- **Launch of Knowledge Management Portal “SIDHIEE”** – A Knowledge Portal namely Simplified Digital Hands-on Information on Energy Efficiency in MSMEs (SIDHIEE) was developed by Bureau of Energy Efficiency. This portal hosts variety of knowledge resources like case studies, best operating practices, details of latest energy efficient technologies etc. This portal also has the digital-library which includes fifty (50) multimedia tutorials on energy efficient technologies.
- **Signing of MoU with Office of DC, MSME on Energy Security of MSMEs** – An MoU was inked with Office of Development Commissioner, MSME to strengthen the energy security of MSMEs in India by uptake of energy efficiency in this segment.
- **Felicitation of MSMEs for implementation of ISO-50001** – MSME entrepreneurs who have adopted ISO-50001: Energy Management System in their facilities were facilitated during inaugural session.



This Conclave focused on identifying and analyzing the principal barriers that continue to thwart the adoption and scaling up of energy efficient technologies (EETs) among MSMEs. Deliberations were held on various initiatives that have been undertaken to address and overcome

these barriers, and their outcomes; and outlining the new/improved strategies and initiatives that must be undertaken in coming years from policy to grassroots levels.

The insights provided during these deliberations fed into, and formed the basis for, deepen understanding of the sectoral issues, following which possible solutions were discussed and way forward was outlined. Establishment of Minimum Energy Performance Standards (MEPS) for industrial equipment was one of such possible solutions that was briefly deliberated. It was discussed that establishment of MEPS for industrial equipment may be a successful policy instrument in improving energy efficiency of SME sector as whole and, in turn increase in competitiveness of MSMEs.



During Valedictory Session of this conclave, Secretary (Power) presented his views on enhancing efficiency and thereby increasing competitiveness of MSME sector in India by access to finance, & bridging gap between technology providers & MSMEs. Appreciating the deliberations that held during the last two days, he told that MSMEs can reduce their significant energy cost by improving their energy efficiency.





ANGAN - AN INTERNATIONAL CONFERENCE & EXHIBITION ON BUILDING ENERGY EFFICIENCY

The Bureau of Energy Efficiency (BEE), Government of India organised ANGAN (Augmenting Nature by Green Affordable New - habitat), an International Conference & Exhibition on Building Energy Efficiency in collaboration with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, under the Indo-German Technical Cooperation.

Given the formidable challenge of providing adequate energy to the consumers at reasonable costs, improving the efficiency in high energy consumption sectors like buildings have become important component of our integrated energy policy. It is estimated that an investment of Rs. 2000 billion in Building energy efficiency activities would lead to a cumulative savings of 388 Billion units of electricity for the next ten years with payback of about 2 years.





ANGAN served as a platform to deliberate on interdependence between organizations, systemic sustainability management, and feedback loops for better resource efficiency. It created platform to foster National and International strategic collaborations, partnerships, networks and information exchange to promote energy efficient habitat. Eminent speakers and dignitaries around the world gathered to deliberate and collaborate on the aspects of sustainability in the context of skill development, livelihood and inclusivity.

The three-day conference consisting of 99 sessions, including 18 thematic tracks, 3 keynotes, panel discussions and media sessions, gathered participation from more than 11 countries, 110 speakers and 951 participants. Shri. Raj Pal, Economic Adviser, Ministry of Power and Shri. Abhay Bakre, Director General, Bureau of Energy Efficiency, inaugurated the conference and exhibition on Energy Efficient Building. Eminent speakers, delegates, experts and policy-makers like Dr Ajay Mathur (Director General, The Energy and Research Institute), Mr Sonam Wangchuk (Founder Director, SECMOL), Ar. Prem Nath, Architect and Interior Designer and other national and international speakers deliberated on different themes and discussed on various aspects of sustainable means of achieving energy efficiency and lowering the environmental impacts in construction and operation of buildings.

International delegate Dr. David Goldstein, Energy

Co-Director, NRDC, USA addressed about the theme of the conference. With more than 140 representatives from the Government of India, ANGAN 2019 helped to build capacity among Indian policy makers at all levels of the government and to equip them with greater knowledge and skills to develop and implement energy efficiency initiatives in the building sector. The inaugural session ended with Special address by Dr. Winfried Damm, Director, IGEN, Mr. Saurabh Kumar, Managing Director at Energy Efficiency Services Limited and Vote of Thanks by Mr. Saurabh Diddi, Director, Bureau of Energy Efficiency.

As part of this event, an exhibition on Energy Efficient Building was organized, endorsed by 71 representatives from 39 organizations (29 national and 10 international) like Energy Efficient Building Material Suppliers, Technology suppliers, Research Institutions and Universities. The exhibitors showcased latest technologies, building materials etc. in the Building Energy Efficiency Sector. The Delegates had opportunities to interact with building experts and policy makers and understand the economically viable options in the construction of Commercial Buildings as well as Residential Building Sector.

The success of the event can be gauged from the fact that it brought stakeholders from more than eleven nationalities on a common platform to address critical issues in the domain of building energy efficiency.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

5-days Residential Training of Trainers Programme held under Capacity Building of DISCOMs Programme on DSM & Energy Efficiency at various places across India

The objective of this programme was capacity building of DISCOM officials for carrying out DSM activities in their jurisdiction and to impart training to the circle level officials.



Attendees: 28 officials of Department of Power, Nagaland
Date: 1st-5th July '19 **Place:** Dimapur, Nagaland



Attendees: 35 officials of Manipur State Power Distribution Company Ltd (MSPDCL)
Date: 8th – 12th July 2019 **Place:** Imphal, Manipur

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)



Attendees: 32 officials of New Delhi Municipal Council
Date: 5th – 9th August 2019 **Place:** New Delhi



Attendees: Officials of Telangana State Southern Power Distribution Company Ltd (TSSPDCL)
Date: 19th – 23rd August, 2019 **Place:** Hyderabad

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)



Attendees: 39 officials of North Eastern Electricity Supply Company of Odisha Limited (NESCO)
Date: 18th – 22nd August 2019 **Place:** Chandipur, Odisha



Attendees: Dadra & Nagar Haveli Power Distribution Corporation Ltd (DNHPDCL)
Date: 19th – 23rd August 2019 **Place:** Silvassa



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)



Attendees: 42 officials of Mangalore Electricity Supply Company Limited (MESCOM)
Date: 23rd – 27th September 2019 **Place:** Mangalore



Attendees: 45 officials of M.P. Poorv Kshetra Vidyut Vitaran Company Ltd.
Date: 16th – 20th September **Place:** Jabalpur



Attendees: BSES Yamuna Power Limited (BYPL)
Date: 29th July – 2nd August 2019 **Place:** New Delhi

Possible benefits of these training programmes also include reducing dependency on expensive imports of fuel, reducing energy prices and harmful emissions in the environment. DSM has a major role to play in deferring high investments in generation, transmission and distribution networks. Thus, DSM applied to electricity systems provides significant economic, reliability and environmental benefits.

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

First Regional Dialogue of WSDS 2020 (World Sustainable Development Summit): Leadership Coalition on Petrochemicals held at TERI

First Regional Dialogue of WSDS 2020: Leadership Coalition on Petrochemicals was held at The Energy and Resources Institute (TERI) with Abhay Bakre, Director General, Bureau of Energy Efficiency; Ambassador Ajai Malhotra, Sr. Adviser, TERI, Dr Ajay Mathur, Director General, TERI and industry representatives of the sector. Ministry of Petroleum and Natural Gas, Government of India; BASF; Covestro; The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Indian Chemical Council; International Energy Agency (IEA); Indian Oil Corporation Limited (IOCL); Oil and Natural Gas Corporation (ONGC) Limited; PCRA - Petroleum Conservation Research Association; SABIC Corporate; SUEZ India



Stakeholder Consultation Workshop held to Discuss the Possible Amendments in the Energy Conservation Act



India's energy demand has been increasing rapidly over the time and to cater the upcoming demands of various sectors and technologies there is a need to review the Energy Conservation Act and enhance it as per the current issues and future possibilities. In this regard, BEE organized a stakeholder consultation workshop to discuss the possible amendments in the Energy Conservation Act with various stakeholders, on 17th July 2019 in New Delhi.

Regional meet with SERCs/JERCs, SDAs & DISCOMs for Implementation of Activities under Capacity Building of DISCOMs

The 2nd regional meet was organized on 18th July at Mumbai in association with Maharashtra Energy Development Agency (MEDA) to interact with the officials from State Electricity Regulatory Commission/Joint Electricity Regulatory Commission, State Designated Agencies & DISCOMs to encourage them for taking up Demand Side Management (DSM) activities in their jurisdictions and to apprise them about their roles & responsibilities under the "Capacity Building of DISCOMs" programme. About 50 officials from SERCs/JERCs, SDAs and DISCOMs were present in the regional meet and Director General, MEDA addressed the participants during the inaugural sessions.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

MoUs Signed between BEE and 10 Public Sector Thermal Power Plants (TPPs) for Energy Mapping



MoUs were signed between BEE and 10 Public Sector Thermal Power Plants (TPPs) for energy mapping to identify efficiency enhancement opportunities so that appropriate measures could be taken. The event was attended by officials from Ministry of Power, Bureau of Energy Efficiency, Central Electricity Authority, The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), State and Central TPPs along with energy mapping service providers.

In the event, Shri S K G Rahate (IAS), Additional Secretary, Ministry of Power, and Shri Abhay Bakre, Director General, Bureau of Energy Efficiency emphasized that such TPPs have a huge potential of energy-saving and consequent mitigation of CO₂ emission for addressing climate change. From this energy mapping exercise, energy saving of 1.67 million toe and equivalent mitigation of 4.21 tonnes of CO₂ will be realized.

List of Public Sector Thermal Power Plants

*1*500 MW HTPS KORBA(WEST) EXTN., Akrimota Thermal Power Station, Gandhinagar Thermal Power Station, Wanakbori Thermal Power Station, Panipat Thermal Power Station, Koderma Thermal Power Station, Ballari Thermal Power Station, Raichur Thermal Power Station, Sanjay Gandhi Thermal Power Station, Chandrapur Super Thermal Power Station*

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

4th Regional Stakeholder Workshop Conducted in Chandigarh

The 4th regional stakeholder workshop on energy efficiency in residential buildings along with The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and SDC was conducted in Chandigarh from 1-2 August 2019 to disseminate EcoNiwas Samhita and building energy efficiency labeling.

The first day of the workshop was attended by over 100 participants covering architect associations, developers, PWDs, town and country planning department, local development authorities, Ministry of Energy and various government officials from three states. The programme was inaugurated by Shri Rajiv Parashar, CEO-Punjab Energy Development Agency.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

Government Achievements & Schemes Expo-2019

BEE participated in the Government Achievements & Schemes Expo – 2019 at Pragati Maidan, New Delhi. The event attracted many visitors who gathered information about the achievements in making India energy efficient, future plans, conservation policies and how BEE is working to make cities and villages energy efficient.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

Regional Meet Organized by BEE to Interact with the Officials from SERCs/JERCs, SDAs & DISCOMs



The 3rd regional meet was organized by BEE to interact with the officials from Science and Engineering Research Council /Joint Electricity Regulatory Commission, State Designated Agencies & DISCOMs to encourage them for taking up Demand Side Management (DSM) activities in their jurisdictions and to apprise them about their roles & responsibilities under "Capacity Building of DISCOMs" programme, on 23rd August 2019 at Guwahati, Assam in association with Assam SDA. About 42 officials from SERCs/JERCs, SDAs and DISCOMs were present in the regional meet.

Regional Meets were Organized by BEE to Interact with the Officials from SERCs/JERCs, SDAs & DISCOMs

Subsequently, the 4th regional meet was organized on 20th September 2019 at Chandigarh, in association with Chandigarh SDA for north zone. The said meet was inaugurated by Special Secretary, UT of Chandigarh Administration. About 50 officials from SERCs/JERCs, SDAs and DISCOMs were present in the regional meet.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

हिंदी पखवाड़ा

दिनांक 12 सितम्बर, 2019 से 26 सितम्बर, 2019 तक ऊर्जा दक्षता ब्यूरो में मनाये गए हिंदी पखवाड़ा दिवस की एक झलक। हिंदी पखवाड़े में ब्यूरो के कर्मचारियों ने अपने विचार साझा किये और विभिन्न हिन्दी प्रतियोगिताओं में बढ़-चढ़ कर भाग लिया।



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

Standards & Labeling Retailer Training Program Organized in various Districts across India



The 1st Standards & Labeling Retailer Training Program was organized in Jaipur on 16th July 2019 to create awareness among retailers on BEE's star labeling program. Around 80 participants attended the program which included representatives of dealers, distributors and associates. Over 80 such types of programs are being organized across the country, apprising retailers about star labeling program which will help in effective penetration of energy-efficient products in the market.



Retailer Training Programme under Standards & Labeling Scheme was organized on 4th September 2019 at Vizag. It was attended by the officials of Andhra Pradesh Eastern Power Distribution Company (APEPDCL) and prominent retailers & dealers. The main objective of this programmes is to create awareness & impart training to authorized traders/sellers/ distributors across the country.

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)



Retailer Training Programme was organized on 12th September 2019 at Patiala, Punjab to impart training & create awareness in the authorized traders/sellers/distributors all across the country. The programme was graced by Sh. Harjot Singh Sandu, District Manager, Punjab Energy Development Agency as chief guest, and was attended by prominent retailers & dealers.



Retailer Training Programme were organized on 14th September 2019 at Noida and Haldwani. The training in Noida was graced by Sh. Prem Prakash Singh, Project Officer, Uttar Pradesh Non-Conventional Energy Development Agency (UPNEDA) as chief guest and training in Haldwani was graced by Sh. Madan S Phartiyal, Director of Haldwani Electrical Association.

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)



Retailer Training Programme were organized on 19th September 2019 at Bathinda, Punjab. The training was graced by Sh. Makhan Lal, Sr. Manager, Punjab Energy Development Agency and was attended by prominent retailers & dealers.



Retailer Training Programme were organized on 18th September 2019 at Tiruchirappalli, Tamil Nadu. The training was graced by Sh. C. Karthikeyan, Electrical Inspector, Trichy and was attended by prominent retailers & dealers.

The above mentioned training programme were also attended by the prominent retailers and dealers. This will support & reinforce them to briefly explain & convince customers about BEE star rated appliances.

HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

Energy Conservation Guidelines Workshop for New DCs

A workshop on Implementation of Energy Conservation Guidelines and Development of Energy Management Manual, under the India-Japan Energy Dialogue for Indian Industries, was organised on 12th September.

The workshop was inaugurated by Shri Raj Pal, Economic Adviser, Ministry of Power, Shri Abhay Bakre, Director General BEE, Shri Ajay Mathur, Director General TERI, Mr Naoya Sugai, Deputy Director-General, The Energy Conservation Center, Japan (ECCJ).

Representatives from more than 40 industries participated in this workshop. Implementation of EC Guidelines will help designated consumers to achieve the targets under Perform, Achieve, & Trade (PAT) scheme.



HIGHLIGHTS OF THE QUARTER (JULY - SEPTEMBER 2019)

Training Session Organized for Railway Designated Consumers and Empanelled Accredited Energy Auditing Firms



Under the schedule of EC Act, 2001, Indian Railways was notified as energy intensive sector and included in PAT as designated consumer in cycle-II. For performance assessment under PAT cycle-II, a training-cum-interactive session was organized on 18th June, 2019 for Railway Designated Consumers and Empanelled Accredited Energy Auditing Firms. This helped to effectively discharge the duties of DCs and EmAEAs. To carry out the Monitoring and Verification in Railway sector, Bureau has empanelled 14 agencies. More than 50 nos. of senior officials from Indian Railways participated in the workshop. The process for issuance of ESCerts, role and responsibilities of each stakeholders and presentation on various objective were carried out during the workshop.

16th Meeting of SAMEEEKSHA

SAMEEEKSHA is a collaborative platform synergizing the efforts of various organizations and institutions working towards improving energy efficiency of MSMEs in India. The forum pools the knowledge and brings out new methodologies for making the sector more energy efficient.

16th meeting of SAMEEEKSHA (Small and Medium Enterprises Energy Efficiency Knowledge Sharing) Platform was held on 14th September 2019 in Rajkot, Gujarat.



TRACKING REAL-TIME RESIDENTIAL ENERGY END-USE FOR BETTER POLICY MAKING



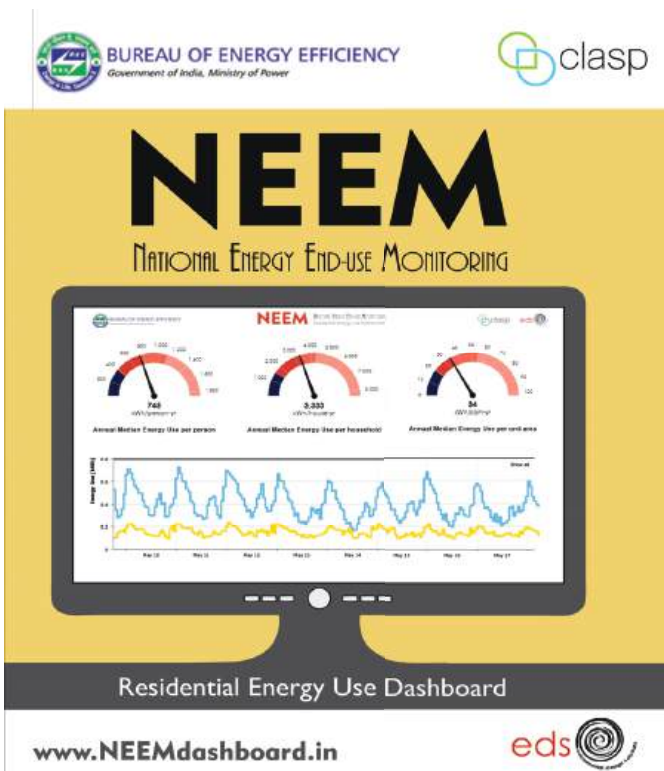
With the increasing number of appliances, electricity consumption is ever-rising in India. Data on residential energy end-use and appliance energy consumption at the household level are therefore critical for calculating future electricity demand projections and developing better demand-side strategies. Establishing real-time end-use consumption and usage patterns thus becomes essential for formulating energy policies, assessing their

impact, and developing outreach and awareness strategies for the consumers.

As a step towards this goal, Bureau of Energy Efficiency (BEE) launched the NEEM (National Energy End-use Monitoring) dashboard for residential energy use. This dynamic dashboard is available for public use and can be accessed on its website (www.neemdashboard.in).

The NEEM dashboard is the result of a 'first of its kind' study conducted by BEE in partnership with CLASP and its implementing partners, Environmental Design Solutions, Market Xcel and Zenatix. It integrates a pan-India residential end-use survey with real-time appliance energy use monitoring. The survey covered residential electricity consumption of 5,000 households and real-time appliance energy use of 200 households, representing various socio-economic classes and climatic zones in India.

The survey findings and monitoring data analysis captured in the dashboard will help address the existing data gap and work toward a roadmap for future policy development and interventions. This dashboard displays live energy use of all the monitored households across India as well as outcomes of detailed appliance use household survey. It presents information on energy use, peak demand and other performance metrics across time that may be customised based on geography, climate and household type.



TAKING ENERGY CONSERVATION TO THE PEOPLE

To take the message of energy conservation to the people, Bureau of Energy Efficiency initiated a promotion campaign for Energy Conservation through Van Activation. The program, covering all five regions of the country, has been launched for 8 states (Delhi NCR, Goa, Haryana, Punjab, Gujarat, Maharashtra, Uttar Pradesh, Rajasthan). The vans were flagged off by senior officials from Governments of respective states, including ministers and other eminent personalities of each region.

A total of 20 vans were employed for the program. Each van covered more than 40000 KMs during a period of 30 days

and covered major areas of each region. The campaign educated the public about energy conservation and encouraged them to practice it through different activities like conservation tips, nukkad natak, quiz shows, video films and distribution of literature/pamphlets. The objective of the campaign was to increase awareness about energy conservation among the masses, especially school children, housewives, office-goers, businessmen etc.

More than 130 (actual 133) districts have been covered so far and more than 80000 people have been reached through this activation.



Delhi NCR

Flagged off on 6th August 2019, by;

- Ms Padmini Singla, Secretary Power, Government of NCT of Delhi
- Shri Pradeep Gupta, Executive Officer, Energy Efficiency & Renewable Energy Management Centre (Department of Power), Government of NCT of Delhi
- Shri Abhishek Sharma, Bureau of Energy Efficiency

In the presence of Various Officials of BEE and EE&REM From Vikas Bhawan 2, New Delhi



Goa

Flagged off by;

- Power Minister Nilesh Khabra

In the presence of Executive Nodal Officer, Executive Engineer, Assistant engineer



Gujarat

Flagged off on 26th July 2019, by;

- Mr. Ganpat Bhai Vasaya, Hon'ble Minister of Environment (Tourism, Tribal Development, Women and Child Welfare)
- Shri S.J. Haidari, IAS, Principal Secretary of Climate Change Department (CCD)
- Smt. Chhakchuak, IAS, Director, GEDA
- Shri Mukesh Shah, Joint Secretary, CCD

In the presence of Various Officials of GEDA



Haryana

Flagged off on 12th July 2019, by;

- Shri Rajveer Singh Arya, ADC cum ADM, Sonapat

In the presence of Officials of HAREDA



Punjab
Flagged off on 16th July 2019, by;

- Shri Anirudh Tiwari, Principle Secretary, Renewable Energy, Govt of Punjab.
- Shri R K Kaushik, Secretary, Power, Govt of Punjab
- Shri Rajiv Parashar, CEO, PEDA

In the presence of Senior Officials of PEDA from Solar Passive Complex, Sector-33 D



Maharashtra
Flagged off on 16th July 2019, by;

- Shri Chandrashekhar Bawankule, Minister of Energy, Government of Maharashtra

In the presence of

- Shri Purshottam Jadhav, Additional Director General
- Smt. Smita Kudarikar, Manager (Energy Conservation), MEDA and MEDA officials



Uttar Pradesh
Flagged off on 19th August 2019, by;

- Shri Brajesh Pathak, Hon'ble Minister of Law & Justice, Additional Energy Sources and Political Pension, Govt of Uttar Pradesh

In the presence of

- Shri Sushil Kumar Patel, Director, UPNEDA
- Shri Ashok Shrivastava, SPO, UPNEDA, Vibhuti Khand, Gomti Nagar, Lucknow



Rajasthan
Flagged off by;

- Shri Anil Gupta (IAS), Managing Director, RRECL

In the presence of

- Shri Sunit Mathur, GM, RRECL
- Shri Prakhar Saxena and Shri Soni (RRECL) Akshay Urja Bhawan, Jaipur

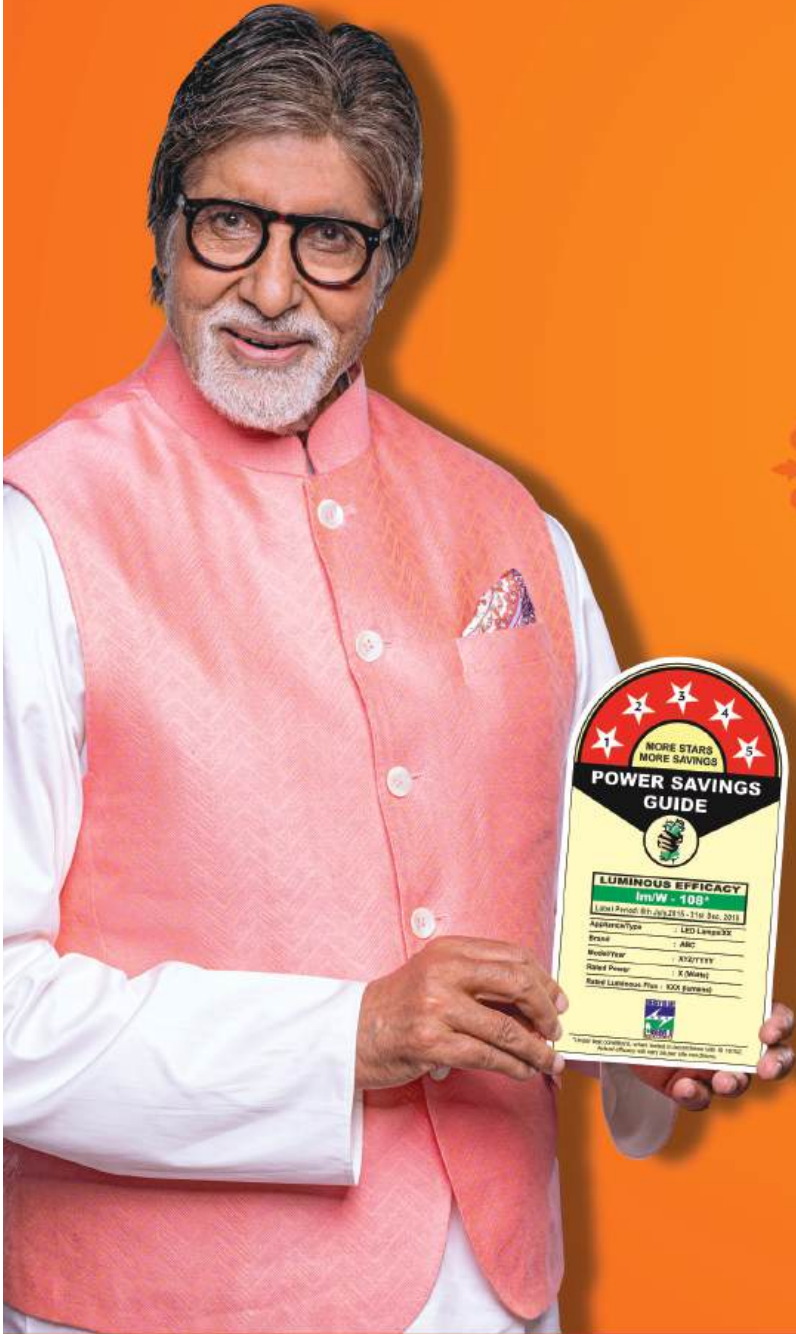


Snapshot of news article published in various local and national newspaper

5 स्टार रेटिंग उपकरण घर लाएं

स्मार्ट बनें, बिजली बचाएं

जितने ज्यादा स्टार, उतनी ज्यादा बचत



बिजली बचाएंगे
तो रोशन होगा
इंडिया




ऊर्जा दक्षता ब्यूरो (बी ई ई)

चौथा तल, सेवा भवन, आर. के. पुरम, नई दिल्ली-110 066 (भारत)

[/beeindiadigital](#) [/bureauofenergyefficiency](#)



HIGHER ENERGY EFFICIENCY LEADS TO HIGHER GROWTH



POWER SAVINGS GUIDE

ELECTRICITY CONSUMPTION	
700*	
UNITS PER YEAR	
Label Period : 1 st Jan 2016 - 31 st Dec 2019	
Appliance/Type	: Refrigerator
Brand	: XX
Model/Year	: ABC/YYYY
Type	: Frost Free
Gross Volume	: XX Litres
Storage Volume	: XX Litres

ENERGY IS LIFE
B E E
CONSERVE IT
BEE/XYZ/000/12

*Under test conditions, when tested in accordance with relevant standards. Actual electricity consumption will depend on how the appliance is being used.



Star label rates the energy performance of appliances on a scale of 1 to 5, with 5 star being the most energy efficient appliance

ENERGY IS LIFE, CONSERVE IT



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