



ऊर्जा दक्षता ब्यूरो
BUREAU OF ENERGY EFFICIENCY



विद्युत मंत्रालय, भारत सरकार
MINISTRY OF POWER, GOVERNMENT OF INDIA



राष्ट्रीय ऊर्जा संरक्षण पुरस्कार 2023

14 दिसंबर, 2023, विज्ञान भवन, नई दिल्ली

National Energy Conservation Awards 2023

14th December, 2023, Vigyan Bhawan, New Delhi

NATIONAL PAINTING COMPETITION ON ENERGY CONSERVATION 2023



GROUP A

FIRST PRIZE

National Painting Competition on Energy Conservation 2023



ARUSHI SINGH

Class VII

Acharyakulam, Haridwar
(Uttarakhand)



GROUP A

SECOND PRIZE

National Painting Competition on Energy Conservation 2023



KHYATISHREE P

Class VII

Amity International School,
Naya Raipur
(Chhattisgarh)



GROUP A

THIRD PRIZE

National Painting Competition on Energy Conservation 2023



AARVI ARUN KORAT

Class VI

White Lotus International
School, Surat
(Gujarat)



GROUP B

FIRST PRIZE



JUNEID AYUB

Class VIII

Shishu Niketan H. S. School,
Guwahati
(Assam)

National Painting Competition on Energy Conservation 2023



GROUP B

SECOND PRIZE

National Painting Competition on Energy Conservation 2023



SIMRAN SAINI

Class X

DAV Centenary Public
School, Jaipur
(Rajasthan)



GROUP B

THIRD PRIZE



BRISTI GHOSH

Class X

Kendriya Vidyalaya,
Cossipore
(West Bengal)

National Painting Competition on Energy Conservation 2023



NATIONAL ENERGY CONSERVATION AWARDS 2023

Rewarding the Exemplary Efforts in Energy Conservation





INDUSTRIES CATEGORY

INDUSTRIES

Aluminium (Smelter)

First Prize



Hindalco Industries Ltd.

Unit- Renukoot

Sonbhadra (Uttar Pradesh)

National Energy Conservation Awards 2023



Thermal
Savings

5678

Million kcal



Electrical
Savings

79

Lakhs Units

INDUSTRIES

Automobile (Manufacturing)

First Prize



TATA MOTORS
Connecting Aspirations

Tata Motors Ltd.
Jamshedpur (Jharkhand)

National Energy Conservation Awards 2023



Thermal Savings

5147
Million kcal

Electrical Savings

51
Lakhs Units

INDUSTRIES

Automobile
(Ancillary)

First Prize



DENSO
Crafting the Core

Denso Haryana Pvt. Ltd.
Manesar (Haryana)



Thermal
Savings

623

Million kcal



Electrical
Savings

8

Lakhs Units

INDUSTRIES

Dairy

First Prize



Navipardi Dairy (A Unit of Surat Tapi District Co-Operative Milk Producers' Union Limited)
Surat (Gujarat)

National Energy Conservation Awards 2023



Thermal Savings

188

Million kcal



Electrical Savings

4

Lakhs Units

INDUSTRIES

Fertilizer (Phosphate)

First Prize



पूर्णतः सहकारी स्वामित्व
Wholly owned by Cooperatives

Indian Farmers Fertiliser
Cooperative Ltd., Paradeep Unit
Jagatsinghpur, Odisha

National Energy Conservation Awards 2023



Thermal Savings

94082
Million kcal

Electrical Savings

26
Lakhs Units

INDUSTRIES

Fertilizer (Urea)

First Prize



Kribhco Fertilizers Limited
Shahjahanpur (U.P.)

National Energy Conservation Awards 2023



Thermal Savings

1434
Million kcal

Electrical Savings

4
Lakhs Units

INDUSTRIES

Petroleum Refinery

National Energy Conservation Awards 2023

First Prize



IndianOil

Indian Oil Corporation Limited
Guwahati, Assam



Thermal Savings

700
SRFT

Electrical Savings

4132
MWH

INDUSTRIES

Railway Workshop

National Energy Conservation Awards 2023

First Prize



Wagon Depot, South Central
Railway
Vijayawada, Andhra Pradesh



Thermal
Savings

8

Million kcal



Electrical
Savings

1

Lakhs Units

INDUSTRIES

National Energy Conservation Awards 2023

Secondary Steel

First Prize



**Shreeyam Power and Steel
Industries Limited**
Gandhidham, Gujrat



**6
Lakhs Units**

INDUSTRIES

Thermal Power Plant (TPP < 100 MW)

First Prize



UltraTech- Nathdwara Cement
Works
Sirohi, Rajasthan

National Energy Conservation Awards 2023



Electrical
Savings

1
Million Units

INDUSTRIES

Thermal Power Plant (TPP > 100 MW)

First Prize



GMR Warora Energy Ltd
Chandrapur, Maharashtra

National Energy Conservation Awards 2023



Thermal Savings

138419
Million kcal

Electrical Savings

19
Million Units



TRANSPORT CATEGORY



TRANSPORT

ZONAL RAILWAYS

First Prize



 **North Central Railway**

North Central Railway
Prayagraj, Uttar Pradesh

National Energy Conservation Awards 2023



Thermal
Savings

13645
Million kcal



Electrical
Savings

2309
Lakhs Units



BUILDINGS CATEGORY

BUILDINGS

Government Office

National Energy Conservation Awards 2023

First Prize



Passenger Reservation System,
Hyderabad
South Central Railway



0.5
Lakhs Units



INSTITUTIONS CATEGORY

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-1



Karnataka

National Energy Conservation Awards

2023

First Prize



Karnataka

Karnataka Renewable Energy Development Ltd.

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-1



Haryana

National Energy Conservation Awards

2023

Second Prize



Haryana

Haryana Renewable Energy Development Agency

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-1



Maharashtra

National Energy Conservation Awards

2023

Second Prize



Maharashtra

Maharashtra Energy Development Agency

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-2

National Energy Conservation Awards

2023

First Prize



Andhra Pradesh

AP State Energy Conservation Mission



Andhra Pradesh

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-2



Kerala

National Energy Conservation Awards

2023

Second Prize



Kerala

Energy Management Centre

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-2



Telangana

National Energy Conservation Awards

2023

Second Prize



Telangana

Telangana State Renewable Energy Development
Corporation

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-3



Assam

National Energy Conservation Awards

2023

First Prize



Assam

Electrical Inspectorate, Govt. of Assam

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-3



Goa

National Energy Conservation Awards

2023

Second Prize



Goa

Electricity Department, Government of Goa

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-4



Chandigarh

National Energy Conservation Awards

2023

First Prize



Chandigarh

Electricity Department, Chandigarh (UT) Administration

INSTITUTIONS

STATE ENERGY
EFFICIENCY
PERFORMANCE AWARD

GROUP-4

National Energy Conservation Awards

2023

Second Prize



Meghalaya

State Designated Agency on Energy Conservation



Meghalaya



APPLIANCE

APPLIANCE

Washing Machine



National Energy Conservation Awards 2023



Model No. WA70BG4441BY
Brand: SAMSUNG

SAMSUNG

APPLIANCE

REFRIGERATOR

National Energy Conservation Awards 2023



**Model No. DC215F
Brand: Whirlpool**

Whirlpool

APPLIANCE

WATER HEATER



National Energy Conservation Awards 2023



**Model No. SWH 3015
Brand: Crompton**

Crompton

NATIONAL PAINTING COMPETITION ON ENERGY CONSERVATION 2023



GROUP A

CONSOLATION PRIZE

AWAIZ ALAM

Class VI
My World Hr. Sec. School,
Jahangirabad
(Madhya Pradesh)

National Painting Competition on Energy Conservation 2023

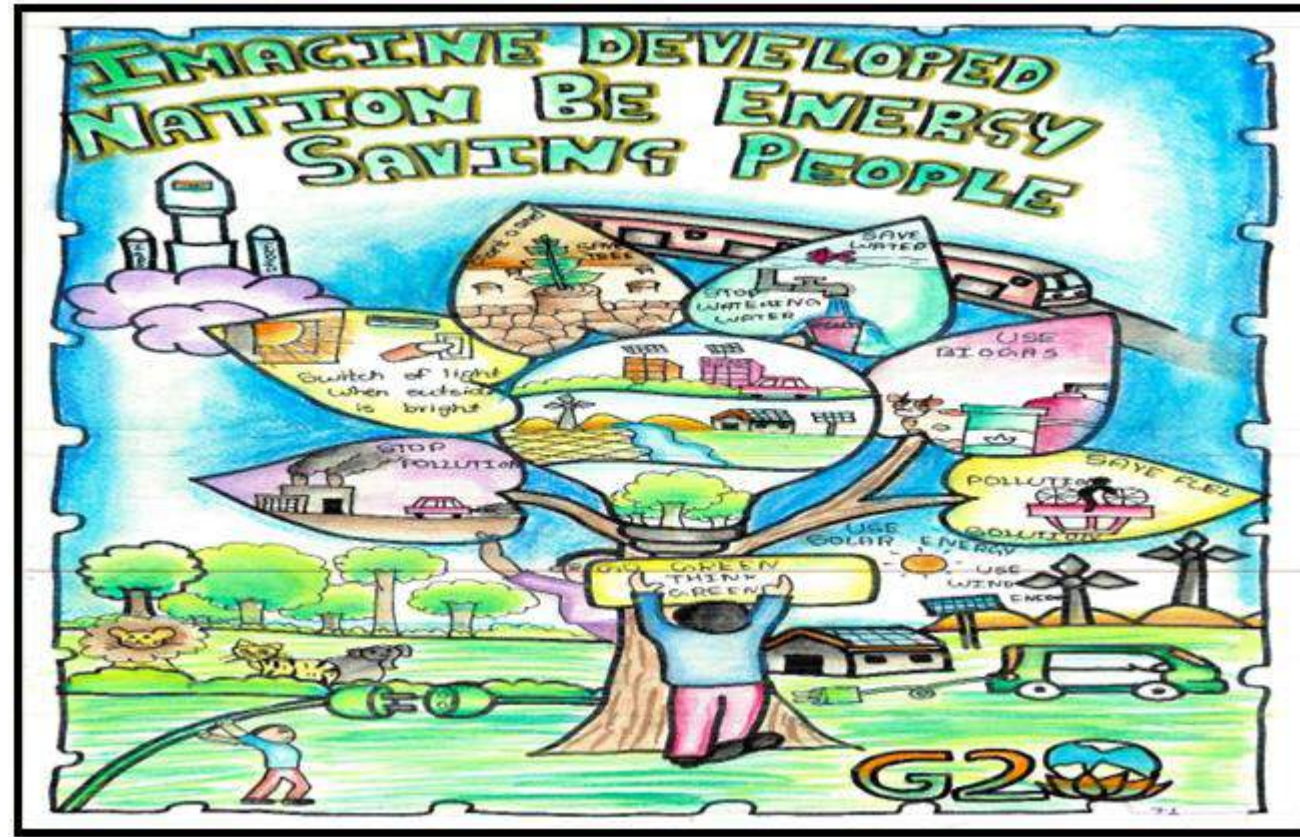


National Painting Competition on Energy Conservation 2023

GROUP A
CONSOLATION
PRIZE

NANDANI SATISH
CHOURASIYA

Class VII
Model High School, Mumbai
(Maharashtra)



GROUP A
CONSOLATION
PRIZE

SAYAN SARDAR

Class V

Champahati Nilmoni Kar
Vidyalaya, Champahati
(West Bengal)

National Painting Competition on Energy Conservation 2023



GROUP A
CONSOLATION
PRIZE

National Painting Competition on Energy Conservation 2023

**SHATAKSHI
VATSH**

Class VI
Acharyakulam, Haridwar
(Uttarakhand)



GROUP A
CONSOLATION
PRIZE

DIBYANSHEE JENA

Class VII
Sai International School,
Bhubaneswar
(Odisha)

National Painting Competition on Energy Conservation 2023



GROUP A

CONSOLATION PRIZE

ARADHYA
MOHAPATRA

Class VII
DAV Public School,
Chandrasekharpur
(Odisha)

National Painting Competition on Energy Conservation 2023



GROUP A
CONSOLATION
PRIZE

National Painting Competition on Energy Conservation 2023

SANSTHITA DAS

Class VI
The Khaitan School, Sector
40, Noida
(Uttar Pradesh)



National Painting Competition on Energy Conservation 2023

GROUP A
CONSOLATION
PRIZE

HAFSAH BINT
MAHASOOM

Class VII
Govt. Sadar Patel Sr. Sec.
School, Kalpeni
(Lakshadweep)



National Painting Competition on Energy Conservation 2023

GROUP A
CONSOLATION
PRIZE

SRUSHTI
SIDDHESHWAR
KONADE

Class VII
Indian Model School CBSE
Twin, Solapur
(Maharashtra)



National Painting Competition on Energy Conservation 2023

GROUP A
CONSOLATION
PRIZE

**DEBAKANA
DATTA**

Class VII
A.J.M. Vidya Bhawan,
Sepahijala
(Tripura)



GROUP B
CONSOLATION
PRIZE

VIMAL PRADHAN

Class X
Govt. High School, Portah
(Chhattisgarh)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

ARITRIKA MAJI

Class IX
Douglas Memorial Higher
Sec. School, Kolkata
(West Bengal)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

National Painting Competition on Energy Conservation 2023

ASHIRBAD DAS

Class VIII
DAV Public School, MCL,
Dera
(Odisha)



GROUP B

CONSOLATION PRIZE

HIYANGSHU
KASHYAP

Class IX
Gurukul Grammar S.S.C.
School, Guwahati
(Assam)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

SHIVRAJ PAL

Class IX
Shri Krishna Mission School,
Agartala
(Tripura)

National Painting Competition on Energy Conservation 2023



GROUP B

CONSOLATION PRIZE

RACHANA
MOHAPATRA

Class IX

L. R. DAV Public School, Cuttack
(Odisha)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

DISHANK
CHAKRABORTY

Class VIII
Anand Academy, Guwahati
(Assam)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

National Painting Competition on Energy Conservation 2023

AYUSHI KUMARI

Class X
S. B. DAV Public School,
Karol Bagh
(Delhi)



GROUP B
CONSOLATION
PRIZE

SHAGUN GUPTA

Class X
S. A. Jain Sr. Model School,
Ambala City
(Haryana)

National Painting Competition on Energy Conservation 2023



GROUP B
CONSOLATION
PRIZE

MANAS AMEERA M.

Class X
Govt. Girls' Higher Secondary
School, Alappuzha
(Kerala)

National Painting Competition on Energy Conservation 2023





INDUSTRIES CATEGORY

INDUSTRIES

Aluminium (Refinery)

Certificate of Merit



Hindalco Industries Ltd.

Unit- Muri Works
Ranchi (Jharkhand)

National Energy Conservation Awards 2023



**Thermal
Savings**

25805

Million kcal



**Electrical
Savings**

29

Lakhs Units

INDUSTRIES

Automobile (Main)

Second Prize



MORRIS GARAGES
Since 1924

MG Motor India Pvt. Ltd.
Halol (Gujrat)

National Energy Conservation Awards 2023



Thermal
Savings

167
Million kcal



Electrical
Savings

10
Lakhs Units

INDUSTRIES

Automobile (Main)

Certificate of Merit



Ashok Leyland Ltd.
Pantnagar (Uttarakhand)

National Energy Conservation Awards 2023



Thermal Savings

634
Million kcal

Electrical Savings

17
Lakhs Units

INDUSTRIES

Automobile (Main)

Certificate of Merit



Tata Motors Ltd.
Lucknow (Uttar Pradesh)

National Energy Conservation Awards 2023



Electrical
Savings

0.03
Lakhs Units

INDUSTRIES

Automobile
(Ancillary)

Certificate of Merit



Denso Ten Uno Minda India
Pvt. Ltd.
Rewari (Haryana)

National Energy Conservation Awards 2023



2
Lakhs Units

INDUSTRIES

Automobile
(Ancillary)

Certificate of Merit



**Marelli Motherson
Automotive Lighting India
Pvt. Ltd.**

Pune (Maharashtra)

National Energy Conservation Awards 2023



Electrical
Savings

**4
Lakhs Units**

INDUSTRIES

Ceramic

Certificate of Merit



Saint-Gobin India Pvt. Ltd.
Palakkad (Kerala)

National Energy Conservation Awards 2023



Thermal
Savings

1503
Million kcal



Electrical
Savings

42
Lakhs Units

INDUSTRIES

Dairy

Second Prize



Heritage Foods Ltd.
Anakapalli (Andhra Pradesh)

National Energy Conservation Awards 2023



3.77
Lakhs Units

INDUSTRIES

Dairy

National Energy Conservation Awards 2023

Certificate of Merit



Surat Tapi District Co-Operative
Milk Producers' Union Limited.
Surat (Gujrat)



Thermal
Savings

328
Million kcal

Electrical
Savings

3
Lakhs Units

INDUSTRIES

Dairy

Certificate of Merit



Malabar Regional Co-operative
Milk Producers Union Ltd
Kozhikode (Kerala)

National Energy Conservation Awards 2023



Thermal
Savings

1335
Million kcal



Electrical
Savings

2
Lakhs Units

INDUSTRIES

Dyes & Pigments

Certificate of Merit



UFlex Ltd.- Chemical Business
Noida (Uttar Pradesh)

National Energy Conservation Awards 2023



Thermal Savings

348
Million kcal

Electrical Savings

3
Lakhs Units

INDUSTRIES

Fertilizer (Phosphate)

Second Prize



Paradeep Phosphates Limited
Jagatsinghpur, Odisha

National Energy Conservation Awards 2023



Thermal
Savings

25
Million kcal



Electrical
Savings

25
Lakhs Units

INDUSTRIES

Fertilizer (Phosphate)

Certificate of Merit



प्रगति के पथप्रदर्शक
PIONEERS IN PROGRESS

The Fertilisers And Chemicals
Travancore Limited
Ernakulam, Kerala

National Energy Conservation Awards 2023



Thermal
Savings

2607

Million kcal



Electrical
Savings

3

Lakhs Units

INDUSTRIES

National Energy Conservation Awards 2023

Fertilizer (Urea)

Second Prize



National Fertilizers Limited
Panipat, Haryana



Thermal
Savings

41980
Million kcal

INDUSTRIES

Fertilizer (Urea)

Certificate of Merit



CHAMBAL FERTILISERS
& CHEMICALS LTD.

Chambal Fertilisers & Chemicals
Limited Gadepan-I
Kota, Rajasthan

National Energy Conservation Awards 2023



Thermal
Savings

86903
Million kcal

Electrical
Savings

9
Lakhs Units

INDUSTRIES

Petroleum Refinery

National Energy Conservation Awards 2023

Second Prize



Hindustan Petroleum Corporation
Limited
Mumbai, Maharashtra



Thermal
Savings

49205
SRFT

Electrical
Savings

804
MWH

INDUSTRIES

Petroleum Refinery

National Energy Conservation Awards 2023

Certificate of Merit



IndianOil

Indian Oil Corporation Limited
Haldia, West Bengal



Thermal
Savings

23021
SRFT

INDUSTRIES

Petroleum Refinery

National Energy Conservation Awards 2023

Certificate of Merit



**Bharat Petroleum Corporation
Limited**
Kochi, Kerala



**Thermal
Savings**

**35010
SRFT**

**Electrical
Savings**

**15908
MWH**

INDUSTRIES

National Energy Conservation Awards 2023

Secondary Steel

Certificate of Merit



Jash Engineering Ltd
Indore, Madhya Pradesh



1.34
Lakhs Units

INDUSTRIES

Thermal Power Plant (TPP < 100 MW)

National Energy Conservation Awards 2023

Second Prize



Grasim Industries Limited,
Chemical Division
Palamau, Jharkhand



25702
Million kcal



1
Million Units

INDUSTRIES

Thermal Power Plant (TPP < 100 MW)

Certificate of Merit



Maihar Cement Works (Ultra Tech
Cement an Aditya Birla Group)
Satna, Madhya Pradesh

National Energy Conservation Awards 2023



Thermal
Savings

5263
Million kcal

INDUSTRIES

Thermal Power Plant (TPP < 100 MW)

Certificate of Merit



Bajaj Energy Limited-Utraula
Utraula, Uttar Pradesh

National Energy Conservation Awards 2023



Thermal
Savings

26658
Million kcal

INDUSTRIES

Thermal Power Plant (TPP > 100 MW)

Second Prize



Odisha Power Generation
Corporation Ltd.
Jharsuguda, Odisha

National Energy Conservation Awards 2023



130764
Million kcal



1
Million Units

INDUSTRIES

Thermal Power Plant
(TPP > 100 MW)

Certificate of Merit



Bhushan Power and steel Ltd.
Sambalpur, Odisha

National Energy Conservation Awards 2023



0.40
Million Units

INDUSTRIES

Thermal Power Plant (TPP > 100 MW)

Certificate of Merit



NTPC Tamil Nadu Energy
Company Ltd.
Tiruvallur, Tamilnadu

National Energy Conservation Awards 2023



Thermal
Savings

320824
Million kcal

Electrical
Savings

14
Million Units

INDUSTRIES

Thermal Power Plant (TPP > 100 MW)

Certificate of Merit



Nabha Power Limited, Rajpura
Patiala, Punjab

National Energy Conservation Awards 2023



Thermal
Savings

179566
Million kcal



Electrical
Savings

22
Million Units

INDUSTRIES

Railway Workshop

National Energy Conservation Awards 2023

Second Prize



Central Workshop
Southern Railway
Tiruchirappalli, Tamil Nadu



Thermal Savings

227
Million kcal

Electrical Savings

1
Lakhs Units

INDUSTRIES

Railway Workshop

Certificate of Merit



Western Railway

Serving Customers with a Smile

Carriage Repair Workshop
Western Railway
Bhavnagar, Gujarat

National Energy Conservation Awards 2023



0.57
Lakhs Units

INDUSTRIES

Railway Workshop

Certificate of Merit



Carriage & Wagon Workshop,
Eastern Railway
Lilhua, Howrah, West Bengal

National Energy Conservation Awards 2023



Thermal Savings

536
Million kcal

Electrical Savings

1
Lakhs Units



TRANSPORT CATEGORY



TRANSPORT

ZONAL RAILWAYS

Second Prize



South Central Railway

Service with commitment Progress with Pride

South Central Railway
Secunderabad, Telangana

National Energy Conservation Awards 2023



**Thermal
Savings**

**112563
Million kcal**



**Electrical
Savings**

**2011
Lakhs Units**

TRANSPORT

ZONAL RAILWAYS

Certificate of Merit



पश्चिम रेलवे
Western Railway

Western Railway
Mumbai, Maharashtra

National Energy Conservation Awards 2023



1695
Lakhs Units

TRANSPORT

ZONAL RAILWAYS

Certificate of Merit



South Western Railway

South Western Railway
Dharwad, Karnataka

National Energy Conservation Awards 2023



**Electrical
Savings**

**0.43
Lakhs Units**



BUILDINGS CATEGORY

BUILDINGS

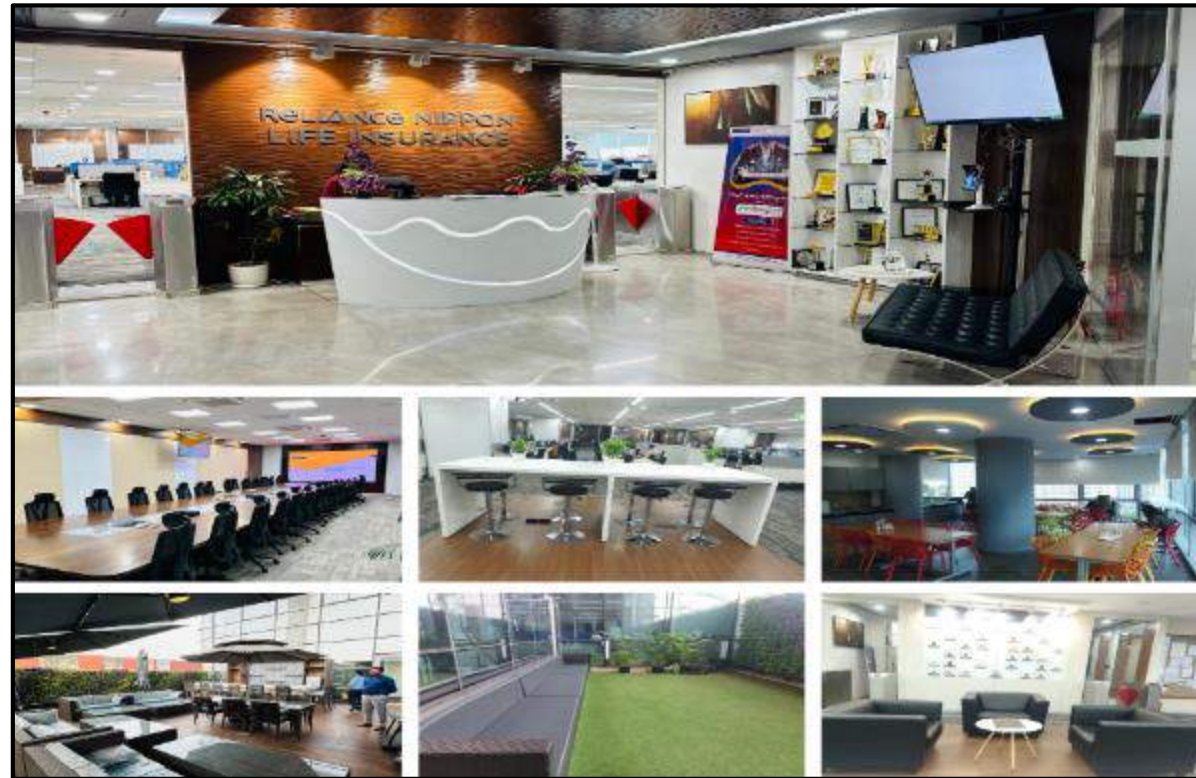
Corporate Office

National Energy Conservation Awards 2023

Certificate of Merit



**Reliance Nippon Life
Insurance Co. Ltd.**
Mumbai, Maharashtra



Electrical
Savings

**3
Lakhs Units**

BUILDINGS

Government Office

National Energy Conservation Awards 2023

Second Prize



South Central Railway

Service with commitment Progress with Pride

**Lekha Bhavan, Hyderabad
Division,
South Central Railway**



**0.13
Lakhs Units**

BUILDINGS

Government Office

National Energy Conservation Awards 2023

Certificate of Merit



Railway Running Room,
Guntakal Division
South Central Railway



Electrical
Savings

0.23
Lakhs Units

BUILDINGS

Government Office

National Energy Conservation Awards 2023

Certificate of Merit



Renigunta Railway Running
Room, Guntakal Division,
South Central Railway



0.24
Lakhs Units

BUILDINGS

Government Office

National Energy Conservation Awards 2023

Certificate of Merit



South Central Railway
Service with commitment Progress with Pride

**Division Railway Manager Office
Guntakal Division
South Central Railway**



**1.52
Lakhs Units**



INSTITUTIONS CATEGORY

NATIONAL ENERGY EFFICIENCY INNOVATION AWARDS 2023

CATEGORY A

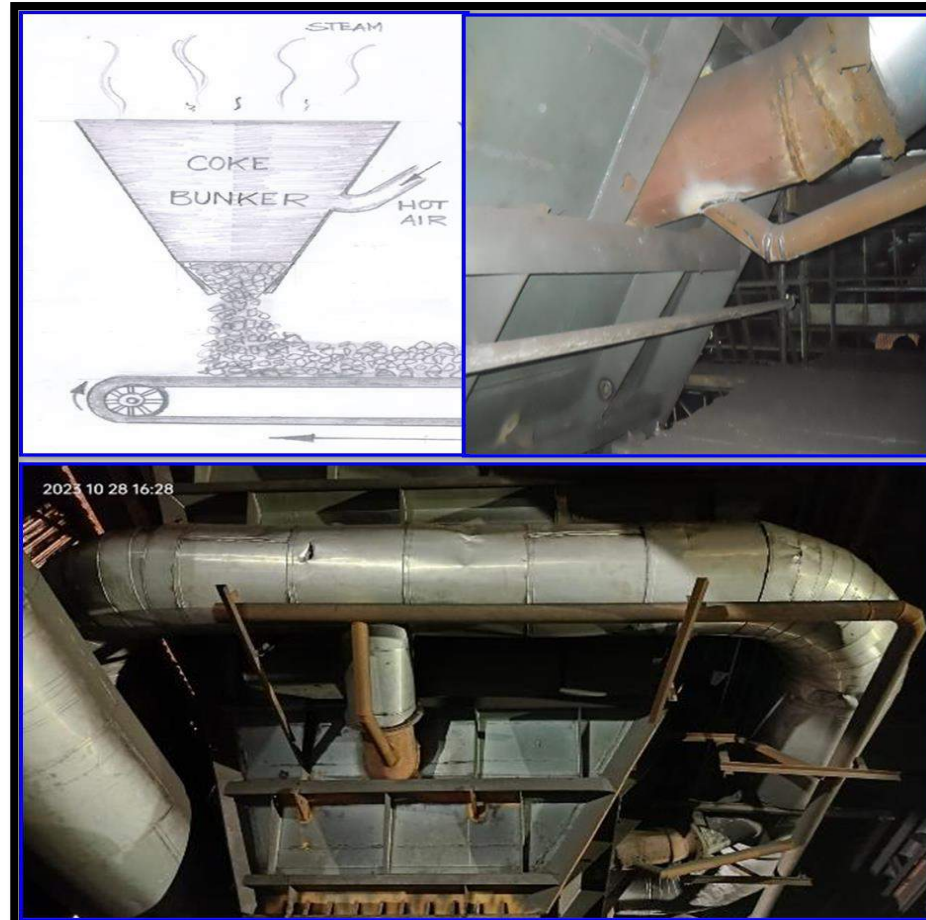
INDUSTRIES

National Energy Efficiency Innovation Awards 2023

First Prize



Tata Steel Ltd.



Project Name

Use of Coke
Drying system to
reduce fuel
consumption in
a Blast Furnace

CATEGORY A

INDUSTRIES

National Energy Efficiency Innovation Awards 2023

Second Prize



**Bharat
Petroleum
Corporation Ltd.**



Project Name

Bharat HiGee
Deaeration
Technology: An
Initiative
towards Net
Zero

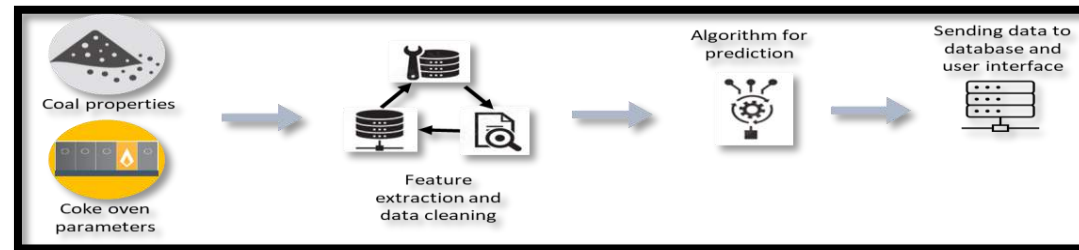
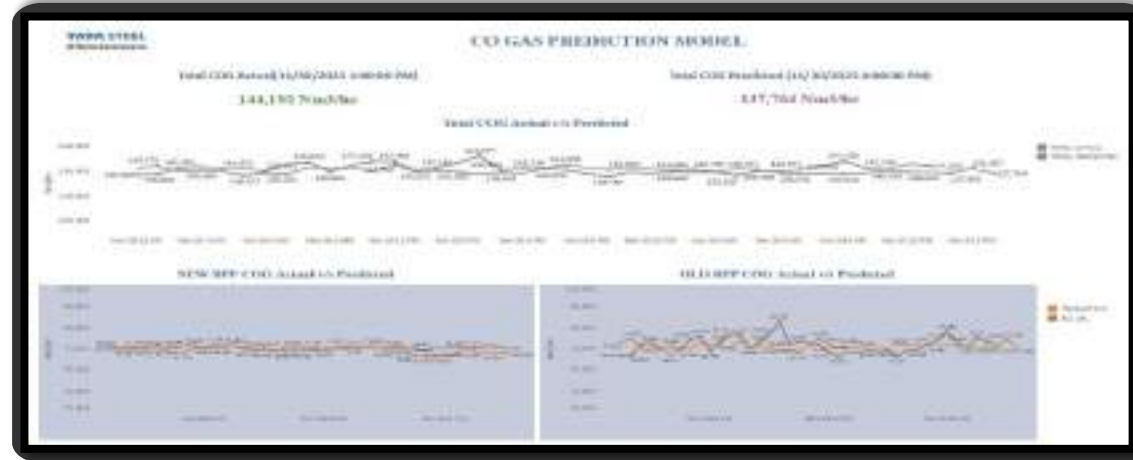
CATEGORY A
INDUSTRIES

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



Tata Steel Ltd.



Project Name
Predictive modelling project for Coke Oven Gas Generation

CATEGORY A

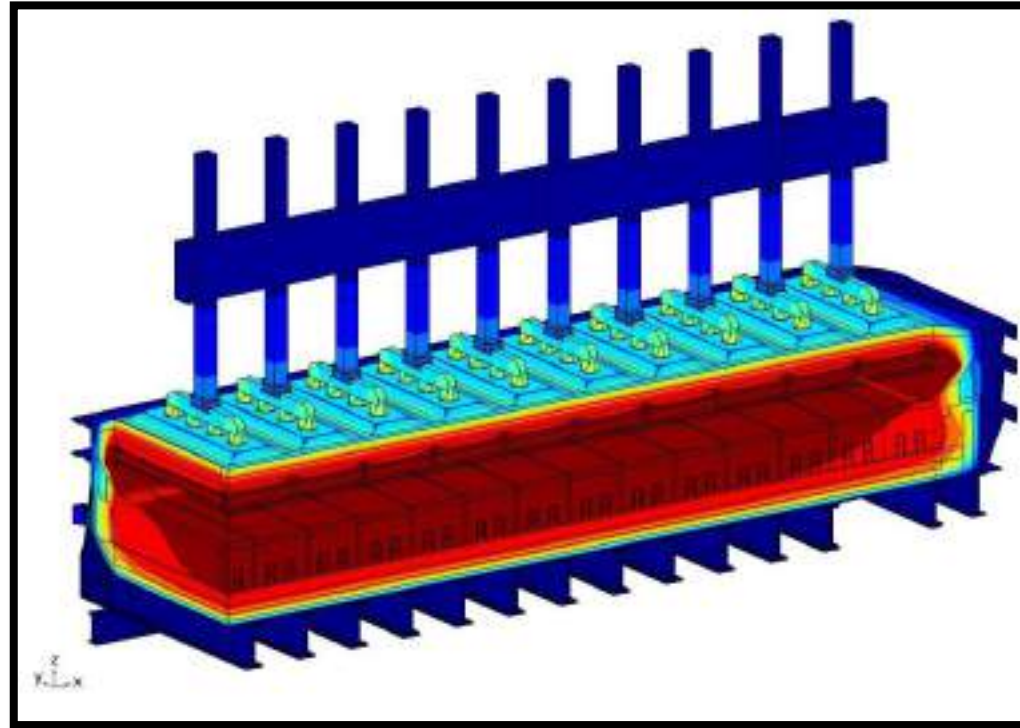
INDUSTRIES

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



**Vedanta Ltd.-
Aluminium & Power,
Jharsuguda**



Project Name

Vedanta
Lining
Design

CATEGORY A

BUILDING

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



Ant Studio Pvt. Ltd.



Project Name

CoolAnt

CATEGORY A

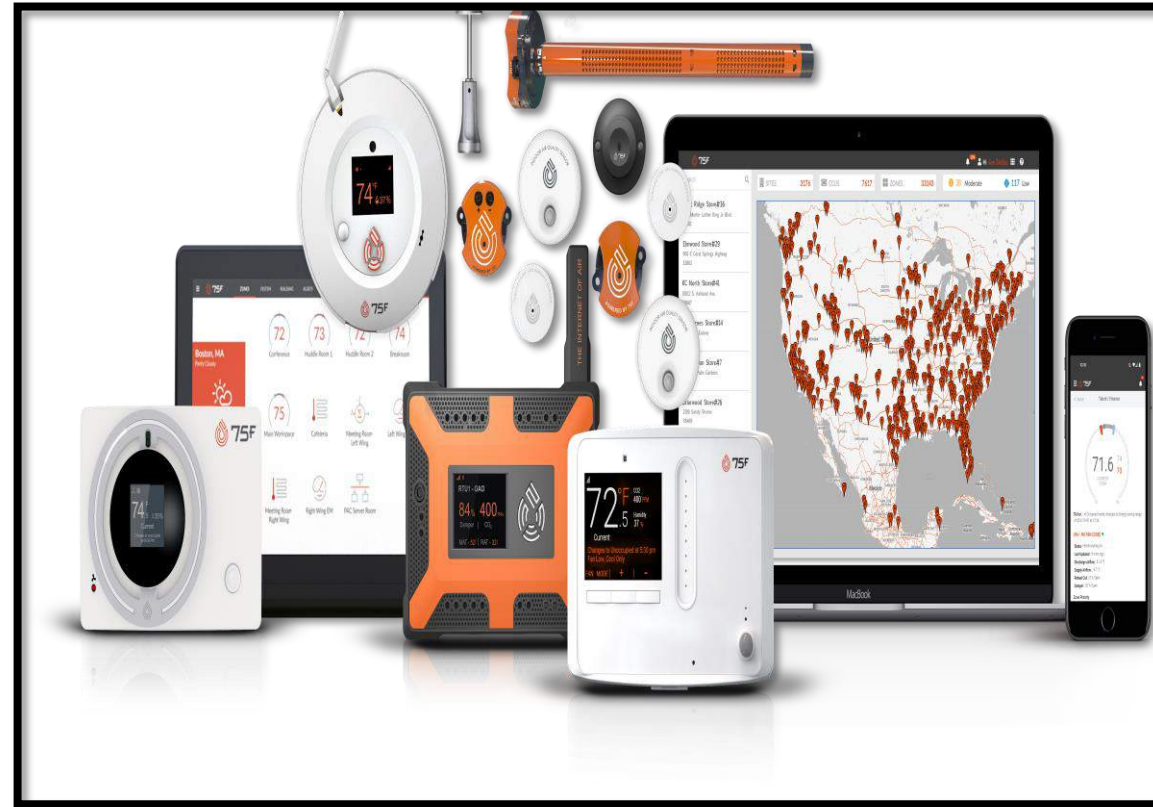
BUILDING

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



**75F Smart Innovation
Solutions India Pvt
Ltd**



Project Name

Energy efficiency vis-à-vis thermal comfort: A case study of biggest E-commerce office building

CATEGORY A

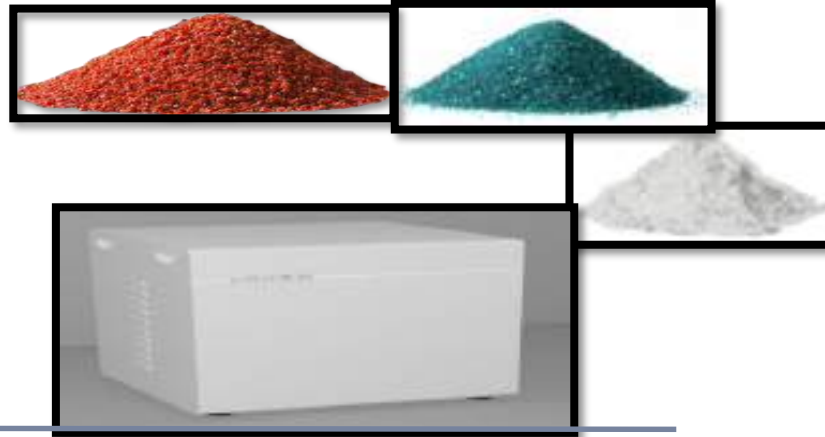
TRANSPORT

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



**Lohum Cleantech
Private Ltd.**



Project Name

Lohum Battery
Materials
Production via
Recycling of
Waste Batteries

CATEGORY A
TRANSPORT

National Energy Efficiency Innovation Awards 2023

Certificate of Recognition



Cancrie



XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Project Name

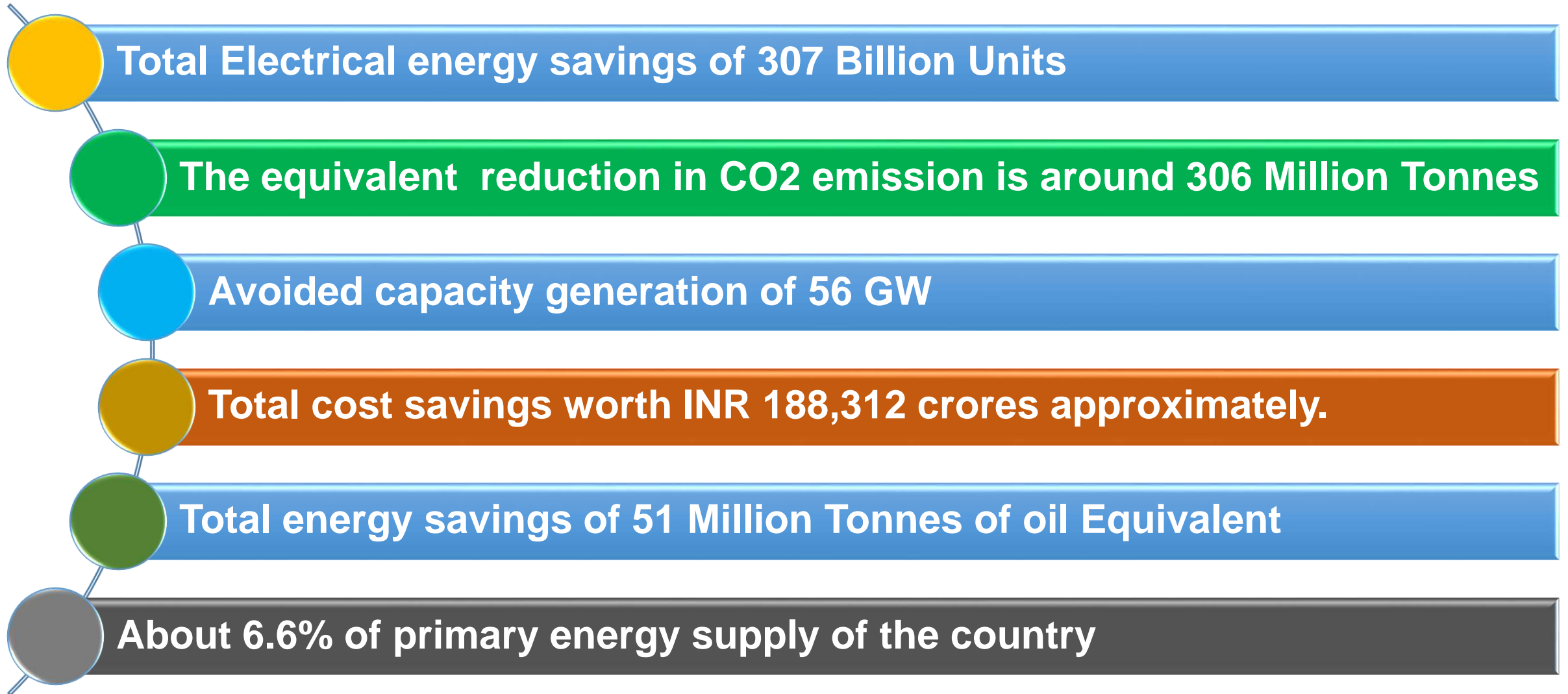
Advanced
carbons for high
performing
batteries

Launch of Annual Report (2022-23) on Impact of Energy Efficiency Measures

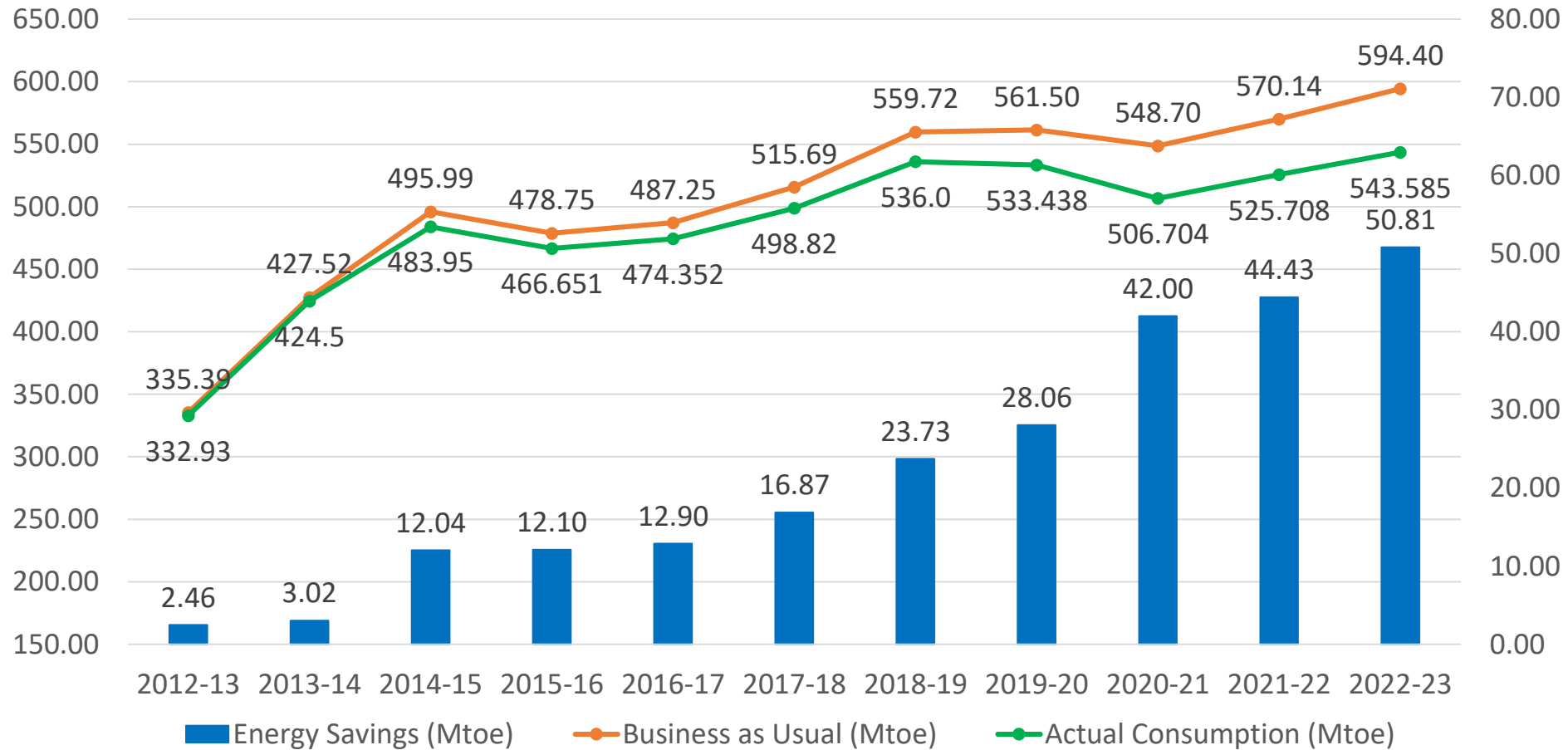


Bureau of Energy Efficiency





Impact of various EE measures on the energy consumption of the country



In 2022-23 Updated M&V data for PAT Cycle IV and V, SLNP,UJALA, PRSF scheme is included

THANK YOU