

## Kerala Excels Once Again in the National-Level Energy Efficiency Performance Award 2023

The State Energy Efficiency Performance Award 2023 conferred upon Kerala is a significant recognition based on the performance of Kerala in State Energy Efficiency Index, which evaluates and ranks states and Union Territories on their energy efficiency measures. Kerala secured second position in Group Two category, attaining a commendable score of 77.5 points. Andhra Pradesh topped the group with 83.5 points. The state's recognition was merited due to its proactive initiatives aimed at bolstering energy efficiency in crucial areas such as agriculture, electricity distribution, transport, industry, and households.

During the auspicious occasion of National Energy Conservation Award function 2023 held at Vigyan Bhawan, New Delhi, Dr. R. Harikumar, Director, Energy Management Centre-Kerala, received



Dr. R. Harikumar, Director, EMC receiving the Award from the Hon'ble President of India

the award from the Honourable President of India, Smt. Droupadi Murmu. This award signifies Kerala's commitment to fostering a greener and more sustainable future through enhanced energy efficiency strategies.

## Awardees of National Energy Conservation Award 2023 from Kerala

In industry sector four industries from Kerala has been honoured with Certificate of Merit in National Energy Conservation Award 2023, as a mark of recognition for their efforts in energy efficiency.

Notably, among the designated consumers in the PAT Scheme, BPCL Kochi Refinery and FACT Ernakulam stand out for their exemplary contributions towards energy conservation.

Industry (Certificate of Merit)	Awardee
Ceramic	<b>Saint-Gobain India Pvt. Ltd.</b> Palakkad, Kerala
Dairy	<b>Malabar Regional Co-Operative Milk Producers Union Ltd.</b> Kozhikode, Kerala
Fertilizer (Phosphate)	<b>The Fertilizers and Chemicals Travancore Limited</b> Ernakulum, Kerala
Refinery	<b>Bharat Petroleum Corporation Ltd.</b> Kochi

# PAT Cycle II ESCerts Trading Overview

The trading for PAT Cycle II has concluded with 40 successful trading sessions. 82% of Designated Consumers have met their compliance by purchasing ESCerts.



BEE call for buyer DCs to participate in trading of ESCerts for PAT cycle-II started from 14th February 2023. The last date of trading of ESCerts was 31st August 2023 but it is extended till 26th September 2023 and further extended to 31st October 2023 as per BEE'S office memorandum. BEE developed PATNet portal for all the Designated Consumers (DCs) through which they upload their forms and ESCerts can be electronically issued/entitled to

purchase to them. CERC is the market regulator for trading of ESCerts, POSOCO is the Registry for ESCerts; and Indian Energy Exchange Limited (IEX), Power Exchange of India Limited (PXIL) and Hindustan Exchange Limited (HPX) are the Power exchanges. Trading took place every Tuesday as per the regulations. The ESCerts Trading report for the month of October 2023 are shown in table below.

## Trading report of Indian Energy Exchange (IEX)

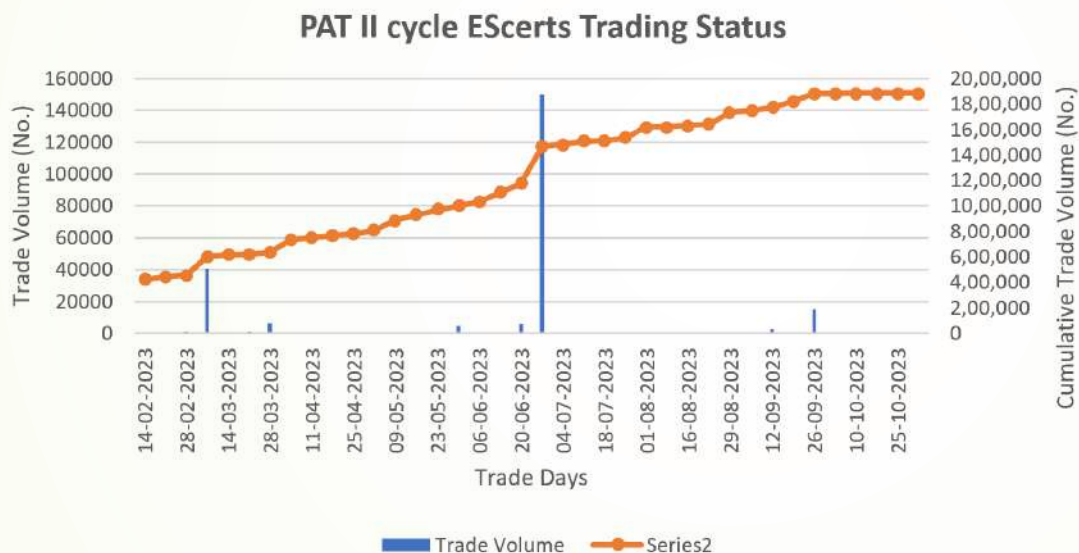
Auction Date	Buy Quantity	Sell Quantity	Price Discovered (Rs/ESCert)	Trade Volume
03-10-2023	2000	2676381	1840	2000
10-10-2023	2164	2619155	1840	2164
17-10-2023	1650	2487964	1840	1650
25-10-2023	0	2526137	0	0
31-10-2023	0	2630723	0	0

## Trading report of Power Exchange of India Limited (PXIL)

Auction Date	Buy Quantity	Sell Quantity	Price Discovered (Rs/ESCert)	Trade Volume
(Rs/ESCert)	Trade Volume	148919	0	
03-10-2023	0	148919	0	0
10-10-2023	0	148266	0	0
17-10-2023	0	147535	0	0
25-10-2023	0	104293	0	0
31-10-2023	0	98133	0	0

## Trading report of Hindustan Exchange Limited (HPX)

Auction Date	Buy Quantity	Sell Quantity	Price Discovered (Rs/ESCert)	Trade Volume
03-10-2023	0	12357	0	0
10-10-2023	0	11752	0	0
17-10-2023	0	11750	0	0
25-10-2023	0	11750	0	0
31-10-2023	0	16750	0	0



The Form D submission tab is now active on PATNet Portal for PAT Cycle II DCs. All participants who participated in the trading are required to log in using the Plant Head credentials and submit FormD in PATNet Portal, to declare your compliance. For more queries email at [helpdesk-patnet@beeindia.gov.in](mailto:helpdesk-patnet@beeindia.gov.in).

## Webinars

### Salient Features and Amendments of CGWA Notification on Groundwater Regulation and Benefits of Water Audit Study to the Industries

A webinar was organised by PAT Cell on the topic “Salient Features and Amendments of CGWA Notification on Groundwater Regulation and Benefits of Water Audit Study to the Industries” on 29th November 2023. The webinar is officially facilitated with technical support from the Central Ground Water Authority (CGWA). The main objective of the webinar is promoting awareness within industries and relevant stakeholders regarding the compliance obligations outlined in CGWA notification and its

subsequent amendments. Additionally, highlighting the advantages of undertaking Water Audits as a strategic measure for cost reduction and productivity enhancement within industrial operations.

Shri. Thakur Brahma Nand Singh, Member (Secretary), Central Ground Water Authority, M A Patil, ASG, FICCI, Karishma Bist, Addl. Director, FICCI were the speakers. More than 130 representatives from DCs and various industries participated in the webinar.

### Capacity Building Program for DISCOMs: Case Studies & DSM Regulations

FICCI PAT Cell has organized a webinar, in association with Chhattisgarh Renewable Energy Development Agency (CREDA) for officials of DISCOMs on “Capacity Building Program for DISCOMs: Case Studies & DSM Regulations” on 8th December 2023. The program focused on various aspects of DISCOM, DSM Regulation and Case Studies. Ms. Sujata Guruj, Head-DSM, Tata Power Company Limited was the speaker. The topics discussed includes Demand Side Flexibility, Demand Response, Demand Response at Tata Power-Mumbai as a Case Study, best practices, benefit of large-scale implementation, etc.

### Financial Initiatives of BEE for DCs & SMEs

A webinar on “Financial Initiatives of BEE for DCs & SMEs” was organised for officials of DCs, and SMEs on 6th December 2023. The webinar focused on awareness about BEE’s Finance scheme available for various energy efficiency projects. Mr. Chinmaya Gahir, Finance Expert, FICCI PAT Cell was the speaker. More than 80 participants from various industries attended the session.



# Kerala State Energy Conservation Awards 2023

## Results

Category	Organization	Award (Cash prize)
Large Scale Energy Consumers	Kerala State Electricity Board Ltd, Thiruvananthapuram	1,00,000/- Cash Prize
	Apollo Tyres Ltd., Kalamassery, Ernakulam	Award, 1,00,000/- Cash Prize
	Saint-Gobain India Private Limited, Palakkad	Commendation
Medium-Scale Energy Consumers	HLL Lifecare Limited – Akkulam Factory, Thiruvananthapuram	Award, 1,00,000/- Cash Prize
	MRCMPU Ltd. Kannur Dairy, Kannur	Commendation
Small-Scale Energy Consumers	BEML Ltd, Palakkad Complex, Palakkad	Commendation
Buildings	Quest Global Engineering Services Pvt Ltd, Thiruvananthapuram	Award, 1,00,000/- Cash Prize
	Grand Hotel, Ernakulam	Commendation
	Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram	Commendation
Institutions and Organisations	Kerala Development and Innovation Strategies Council (K-DISC), Thiruvananthapuram	Award and 1,00,000/- Cash Prize shared
	Green Technology Centre, Kozhikode	
	St. Thomas College (Autonomous) Thrissur	Commendation
Promoters of Energy-Efficient Products	EL SOL Power Solutions Pvt Ltd, Kottayam	Commendation
Architectural Firms & Green Building Consultancy	Menon Architectural Solutions, Palakkad	Award 50,000/- Cash Prize
	Habitat Technology Group, Thiruvananthapuram	Commendation

PAT BULLETIN

PAT CELL- EMC KERALA

NOVEMBER-DECEMBER 2023

### Administration

**Dr. R Harikumar**

Director, EMC-Kerala

**Mr. Johnson Daniel**


Head NMEEE & DSM, EMC-Kerala

**Mr. Sarath Krishnan S**

Energy Technologist

EMC-Kerala

### Execution Team

Managed by 

**Mr. Shashidhar Dhareshwar**

Accredited Energy Auditor

**Mrs. Dona Babu**

Financial Expert

**Mr. Kavi Udaiyanidhi**

Legal Expert

### Regional Execution Team

**Mr. Aswin Mohan**

Energy Auditor

Mob: 9747615494

Email: em.kerala@ficci.com

**Mrs. Divine Angel J D**

Project Associate

Mob: 8075790589

Email: pa.kerala@ficci.com

