

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.133
ANSWERED ON 29.01.2026**

PROCUREMENT OF ELECTRICITY VIA ENERGY EXCHANGES

133. SHRI DUSHYANT SINGH:

**Will the Minister of POWER
be pleased to state:**

- (a) the details of the mechanism through which power is traded via exchanges in the country along with the process followed for price discovery and the total volume of electricity procured through power exchanges;**
- (b) the details of the average price at which power has been purchased through major power exchanges such as Indian Energy Exchange Ltd. (IEX), Power Exchange India Limited (PXIL) and Hindustan Power Exchange Ltd. (HPX) during the last five years, along with a breakdown for both day-time and night-time rates; and**
- (c) whether the Government has envisaged any special incentives, concessional tariffs or schemes to support emerging industries such as homestays, hospitality units and MSMEs with the objective of reducing their energy costs and if so, the details thereof?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Power Exchanges are electronic platforms that facilitate sale and purchase of electricity in transparent, competitive, and regulated manner. Power Exchanges are regulated by the Central Electricity Regulatory Commission (CERC), and the principles governing price discovery for various types of contracts are laid down in the CERC Power Market Regulations, 2021 as amended from time to time. During FY 2024-25, the total electricity procured through these exchanges was 143.75 Billion Units. The trading on exchanges is done by using different types of contracts using various mechanisms and price discovery processes. Details of the mechanism through which power is traded in exchanges in India, along with the process followed for price discovery, are given at Annexure-I.

(b) : Details of the weighted average power purchase prices through Power Exchanges, along with the corresponding total volumes for the last five years, including a separate break-up of prices for peak and non-peak hours, are provided at Annexure-II.

(c) : As per the provisions of the Electricity Act, 2003, the determination of tariffs for various categories of consumers vests with the respective State Electricity Regulatory Commissions (SERCs). Tariffs are determined after due consideration of relevant factors, including the protection of consumer interests and the reasonable recovery of the cost of electricity. Further, in accordance with Section 65 of the Electricity Act, 2003, State Governments are empowered to grant subsidies to any class of consumers, to reduce cost of electricity for such consumers.

ANNEXURE-I**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 133 ANSWERED IN THE LOK SABHA ON 29.01.2026**

The price discovery process for different types of Contracts are as follows:

Contract Type	Matching Mechanism for Price Discovery
Integrated-Day Ahead Market	Double-Sided Closed Auction with Uniform Price
Real-Time Market	
Intra-Day	Continuous Matching
Day Ahead Contingency	
Term Ahead Market* - Daily	Uniform Price Step Auction
Term Ahead Market* - Weekly	
Term Ahead Market* - Monthly	
Term Ahead Market* - Any Day Single Sided Contracts (ADSS)	Reverse Auction

****Including Green & High Price Term Ahead Market***

ANNEXURE-II

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 133 ANSWERED IN THE LOK SABHA ON 29.01.2026

i. Details of Price (in Rs. per kWh) in different market segments with total volume for all 3 Power Exchanges (During the Day (24 Hrs.))

Year	Day Ahead Market	Green Day Ahead Market	High Price Day Ahead Market	Real Time Market	Term Ahead Market	Green Term Ahead Market	High Price Term Ahead Market	Total Volume (in Billion Units)
2021-22	4.39	5.29	-	4.19	4.48	4.65	-	101.45
2022-23	5.96	6.50	-	5.66	6.91	6.28	-	102.95
2023-24	5.25	5.81	14.41	5.05	7.04	5.56	14.70	121.49
2024-25	4.48	4.09	8.81	4.25	7.15	4.78	15.97	143.75
2025-26 (up to Dec-2025)	3.89	3.57	13.15	3.58	6.01	5.03	15.44	124.10

ii. Details of Price (in Rs. per kWh) in different market segments for all 3 Power Exchanges (During the Peak Hours)

Year	Day Ahead Market	Green Day Ahead Market	High Price Day Ahead Market	Real Time Market	Term Ahead Market	Green Term Ahead Market	High Price Term Ahead Market
2021-22*	5.76	6.55	-	5.40	4.55	4.89	-
2022-23*	7.74	8.29	-	7.06	7.52	6.33	-
2023-24*	6.81	7.36	14.34	6.39	7.67	5.72	15.09
2024-25#	6.74	6.93	8.57	6.06	7.88	5.75	16.17
2025-26# (up to Dec-2025)	6.77	7.17	14.40	5.66	7.13	5.86	15.46

*Peak hours: 17:00 to 23:00 hrs

#Peak hours: 18:00 to 23:00 hrs

iii. Details of Price (in Rs. per kWh) in different market segments for all 3 Power Exchanges (During the Non-Peak Hours)

Year	Day Ahead Market	Green Day Ahead Market	High Price Day Ahead Market	Real Time Market	Term Ahead Market	Green Term Ahead Market	High Price Term Ahead Market
2021-22*	3.93	4.87	-	3.78	4.17	4.52	-
2022-23*	5.36	5.90	-	5.19	6.55	5.98	-
2023-24*	4.73	5.29	14.69	4.60	6.90	5.58	14.35
2024-25#	3.88	3.70	8.69	3.83	6.69	4.60	15.77
2025-26# (up to Dec-2025)	3.11	3.03	13.81	3.04	5.40	6.16	16.36

***Non-peak hours: 00:00 to 17:00 hrs and 23:00 to 24:00 hrs**

#Non-peak hours: 00:00 to 18:00 hrs and 23:00 to 24:00 hrs
