

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.555
ANSWERED ON 25.07.2024**

POWER GENERATION

555 PROF. SOUGATA RAY:

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

- (a) the details of power generation from Hydro, Thermal and other sources and its quantity per year;**
- (b) the details of the demand of power, State-wise;**
- (c) whether the State Governments had inter-state agreements for power distribution and sharing;**
- (d) if so, the details thereof;**
- (e) whether the Government has noticed tariff differences among various States; and**
- (f) if so, the steps taken/being taken to have uniform power tariff in the country?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : The details of power generation from Hydro, Thermal and other sources and its quantity per year for the last three years and the current year 2024-25 (upto June, 2024) are given at Annexure-I.

(b) : The details of State-wise/UT-wise Power Supply Position in the country during the year 2023-24 and current year 2024-25 (April, 2024 to June, 2024) are given at Annexure- II.

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(c) & (d) : As per the information received from Regional Power Committees (RPCs), there are complementary power banking arrangements between some States for power distribution and sharing as per the details given at Annexure-III. The quantum of power and period of sharing varies depending upon the surplus power available with the States and their requirements.

In addition, States have also been utilizing 'Portal for Utilization of Surplus Power- PUSHP Portal' for temporary reallocation/transfer of surplus power in one State to others in need. As on 22.07.2024, Twenty (20) numbers of States & UTs across all the regions have started using the portal and total 94 numbers of transactions have been successfully completed.

(e) : Tariff Policy provides the guiding principles for determination of tariff. The tariff to be levied by the distribution licensees to its consumers is as approved by the Appropriate Commission for that particular category of consumer. The State Government may also give subsidies to consumer categories. Therefore, there is no uniformity in tariff between different states.

(f) : At present there is no proposal to implement uniform electricity pricing throughout the country. However, Government is promoting competition through Power Exchanges. Uniform tariff is discovered on the Power Exchange for a specific time block of the day. Accordingly, to this extent, for the power procured by the distribution utilities from Power Exchanges the price of electricity remains uniform.

ANNEXURE-I

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 555 ANSWERED IN THE LOK SABHA ON 25.07.2024**

The details of power generation from Hydro, Thermal and other sources and its quantity per year for the last three years and the current year 2024-25 (upto June,2024)

(All figures are in Million Units)

Fuel		2021-22	2022-23	2023-24	2024-25 (Upto June)
THERMAL	COAL	1,041,487.43	1,145,907.58	1,260,902.62	349,631.40
	DIESEL	117.24	229.71	400.58	116.46
	HIGH SPEED DIESEL	0	0	0	0.00
	LIGNITE	37,094.04	36,188.34	33,949.79	9,050.70
	MULTI FUEL				
	NAPTHA	0	0.83	0.03	0.00
	NATURAL GAS	36,015.77	23,884.21	31,295.91	13,487.93
THERMAL Total		1,114,714.48	1,206,210.67	1,326,548.93	372,286.49
NUCLEAR		47,112.06	45,861.09	47,937.41	13,069.59
HYDRO		151,627.33	162,098.77	134,053.92	34,453.12
Bhutan Import		7,493.2	6,742.4	4,716.1	772.91
TOTAL [Conventional]		1,320,947.07	1,420,912.93	1,513,256.36	420,582.11
Wind		68,640.07	71,814.16	83,385.35	23,053.75
Solar		73,483.94	1,02,014.24	1,15,975.11	35,444.53
Biomass		3,482.70	3,161.32	3,417.19	4,920.22
Bagasse		12,573.88	12,863.16	10,825.59	
Small Hydro		10,463.55	11,170.62	9,485.04	
Others		2,268.17	2,529.18	2,746.55	
TOTAL [Renewable excluding conventional Hydro]		170,912.30	203,552.68	225,834.83	63,418.50
GRAND TOTAL		1,491,859.37	1,624,465.61	1,739,091.19	484,000.61

Note: Gross generation figures of conventional power plants is for plants of capacity 25 MW and above only.

ANNEXURE-II**ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 555 ANSWERED IN THE LOK SABHA ON 25.07.2024**

The details of State-wise/UT-wise Power Supply Position in the country during the year 2023-24 and current year 2024-25 (April, 2024 to June, 2024)

(Figures in MU net)

State/ System / Region	April, 2023 - March, 2024				April, 2024 - June, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,789	1,789	0	0.0	578	578	0	0.0
Delhi	35,501	35,496	5	0.0	11,614	11,606	8	0.1
Haryana	63,983	63,636	348	0.5	19,332	19,321	11	0.1
Himachal Pradesh	12,805	12,767	38	0.3	3,252	3,237	15	0.5
Jammu & Kashmir	20,040	19,763	277	1.4	4,815	4,791	25	0.5
Punjab	69,533	69,528	5	0.0	20,515	20,515	0	0.0
Rajasthan	107,422	106,806	616	0.6	28,946	28,744	202	0.7
Uttar Pradesh	148,791	148,287	504	0.3	48,846	48,765	80	0.2
Uttarakhand	15,644	15,532	112	0.7	4,682	4,668	14	0.3
Northern Region	476,852	474,946	1,906	0.4	142,980	142,626	354	0.2
Chhattisgarh	39,930	39,872	58	0.1	11,106	11,104	2	0.0
Gujarat	145,768	145,740	28	0.0	42,404	42,404	0	0.0
Madhya Pradesh	99,301	99,150	151	0.2	25,240	25,217	23	0.1
Maharashtra	207,108	206,931	176	0.1	53,338	53,334	5	0.0
Dadra & Nagar Haveli and Daman & Diu	10,164	10,164	0	0.0	2,696	2,696	0	0.0
Goa	5,111	5,111	0	0.0	1,437	1,431	6	0.4
Western Region	517,714	517,301	413	0.1	138,588	138,552	36	0.0
Andhra Pradesh	80,209	80,151	57	0.1	20,501	20,501	0	0.0
Telangana	84,623	84,613	9	0.0	19,411	19,411	0	0.0
Karnataka	94,088	93,934	154	0.2	23,704	23,704	0	0.0
Kerala	30,943	30,938	5	0.0	8,529	8,527	2	0.0
Tamil Nadu	126,163	126,151	12	0.0	35,385	35,385	0	0.0
Puducherry	3,456	3,455	1	0.0	970	970	0	0.0
Lakshadweep	64	64	0	0.0	18	18	0	0.0
Southern Region	419,531	419,293	238	0.1	108,513	108,511	2	0.0
Bihar	41,514	40,918	596	1.4	12,601	12,514	87	0.7

DVC	26,560	26,552	8	0.0	6,762	6,761	1	0.0
Jharkhand	14,408	13,858	550	3.8	4,140	4,089	52	1.3
Odisha	41,358	41,333	25	0.1	11,996	11,991	5	0.0
West Bengal	67,576	67,490	86	0.1	20,806	20,775	31	0.2
Sikkim	544	543	0	0.0	137	137	0	0.0
Andaman- Nicobar	386	374	12	3.2	114	112	3	2.551 3
Eastern Region	192,013	190,747	1,266	0.7	56,456	56,279	177	0.3
Arunachal Pradesh	1,014	1,014	0	0.0	245	245	0	0.0
Assam	12,445	12,341	104	0.8	3,314	3,309	5	0.1
Manipur	1,023	1,008	15	1.5	264	264	0	0.0
Meghalaya	2,236	2,066	170	7.6	491	491	0	0.0
Mizoram	684	684	0	0.0	166	166	0	0.0
Nagaland	921	921	0	0.0	233	233	0	0.0
Tripura	1,691	1,691	0	0.0	494	494	0	0.0
North- Eastern Region	20,022	19,733	289	1.4	5,208	5,204	5	0.1
All India	1,626,132	1,622,020	4,112	0.3	451,746	451,172	574	0.1

ANNEXURE-III**ANNEXURE REFERRED IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 555 ANSWERED IN THE LOK SABHA ON 25.07.2024**

The details of complementary power banking arrangements between the States for power distribution and sharing since January, 2023.

Sl. No.	From State	To State
1	Andhra Pradesh	Punjab
2	Goa	Punjab
		Delhi
		Rajasthan
3	Gujarat	Haryana
		Uttar Pradesh
4	Himachal Pradesh	Delhi
		Haryana
		Uttar Pradesh
		Meghalaya
		Andhra Pradesh
5	Karnataka	Punjab
		Uttar Pradesh
6	Kerala	Delhi
		Madhya Pradesh
		Punjab
		Uttar Pradesh
7	Madhya Pradesh	Andhra Pradesh
		Uttar Pradesh
		Odisha
		Punjab
		Telangana
		West Bengal
		Chhattisgarh
Tamil Nadu		
8	Maharashtra	Punjab
		Delhi
		Uttarakhand
9	Odisha	Madhya Pradesh
		Manipur

10	Punjab	Maharashtra
		Karnataka
		Madhya Pradesh
		Tamil Nadu
		Andhra Pradesh
		Kerala
		Himachal Pradesh
		Sikkim
		Manipur
		Arunachal Pradesh
		Goa
		Chhattisgarh
		11
Chhattisgarh		
Tamil Nadu		
Delhi		
Goa		
12	Telangana	Madhya Pradesh
		Punjab
		Uttar Pradesh
13	Uttarakhand	Delhi
		Himachal Pradesh
		Uttar Pradesh
