

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.958
ANSWERED ON 28.07.2025

PEAK DEMAND OF ELECTRICITY

958 # DR. LAXMIKANT BAJPAYEE:

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

- (a) the peak demand for electricity during the summer season in different States, State-wise and year-wise details thereof during the last five years;
- (b) the plans of Government and the measures taken in the State of Uttar Pradesh to meet the demand-supply gap during such periods of peak demand; and
- (c) the extent to which Government has been successful in reducing power cuts during this peak period, year-wise details thereof during the last five years in respect of the State of Uttar Pradesh?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : The State-wise details of Power Supply Position in the country in terms of Peak during the summer months (April-June) during the last five years and current year 2025-26 (upto June, 2025) are given at **Annexure-I**.

(b) & (c): The details of Power Supply Position of Uttar Pradesh in terms of Peak during the last five years and current year 2025-26 (upto June, 2025) are given at **Annexure-II**.

These details indicate that despite the consistent growth in Peak Demand in Uttar Pradesh during the last five years, the gap between the demand and availability of electricity has declined to 'NIL' during the year 2024-25 and current year 2025-26 (upto June, 2025).

Electricity being a concurrent subject, the supply and distribution of electricity to the various categories of consumers/areas/districts in a State/UT is within the purview of the respective State Government/Power Utility. Making arrangement of appropriate quantum of power from various sources for providing adequate power to all consumers/areas/districts of the State of Uttar Pradesh is the responsibility of the concerned distribution licensees. The Central Government supplements the efforts of the State Governments by establishing power plants in Central Sector through Central Public Sector Undertakings (CPSUs) and allocating power from them to the various States / UTs. As on 30.06.2025, State of Uttar Pradesh has been allocated 9,475.1 MW of Firm Power (including share from dedicated stations) and 250.6 MW of power from unallocated quota of Central Generating Stations.

Further, the following steps have been taken to ensure uninterrupted power supply in the country, including Uttar Pradesh:-

- (i) Hydro based generation is being scheduled in a manner so as to conserve water for meeting demand during peak period.
- (ii) Planned maintenance of generating units is minimized during period of high demand.
- (iii) Steady supply of coal to all the thermal power plants is ensured to prevent fuel shortages
- (iv) Gas-based power plants of NTPC as well as other generators are scheduled during high power demand period.
- (v) All the GENCOs including IPPs and Central generating stations have been advised to generate and maintain full availability on daily basis excluding the period of planned maintenance or forced outage.
- (vi) A robust national grid has been established to facilitate the transfer of power from power surplus regions to power deficit regions. The capacity of National Grid is being expanded on a continuous basis commensurate with the growth in electricity generation and electricity demand.
- (vii) Proactive monitoring of generation projects under construction to facilitate commensurate capacity addition.
- (viii) The Electricity market has been reformed by adding the Real Time Market (RTM), Green Day Ahead Market (GDAM), Green Term Ahead Market (GTAM), High Price Day Ahead Market (HP-DAM) in Power Exchanges. Also, DEEP Portal (Discovery of Efficient Electricity Price) for e-Bidding and e-Reverse for procurement of short-term power by DISCOMs was introduced.

ANNEXURE-I

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 958
ANSWERED IN THE RAJYA SABHA ON 28.07.2025**

The State-wise details of Power Supply Position in the country in terms of Peak during the summer months (April-June) of the years 2020 and 2021:

State/ System / Region	April, 2020 - June, 2020				April, 2021 - June, 2021			
	Peak demand	Peak Met	Demand not Met		Peak demand	Peak Met	Demand not Met	
	(MW)	(MW)	(MW)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	363	363	0	0.0	379	379	0	0.0
Delhi	6,314	6,314	0	0.0	6,921	6,921	0	0.0
Haryana	10,308	10,308	0	0.0	11,383	11,383	0	0.0
Himachal Pradesh	1,423	1,423	0	0.0	1,578	1,578	0	0.0
Jammu & Kashmir	2,940	2,352	588	20.0	3,018	2,668	350	11.6
Punjab	12,683	12,683	0	0.0	13,359	13,359	0	0.0
Rajasthan	12,755	12,755	0	0.0	12,787	12,787	0	0.0
Uttar Pradesh	22,110	22,110	0	0.0	24,574	24,574	0	0.0
Uttarakhand	1,942	1,942	0	0.0	2,189	2,189	0	0.0
Northern Region	65,336	64,885	451	0.7	73,116	70,691	2,425	3.3
Chhattisgarh	3,736	3,736	0	0.0	4,792	4,787	5	0.1
Gujarat	15,924	15,924	0	0.0	19,360	19,360	0	0.0
Madhya Pradesh	10,173	10,173	0	0.0	11,392	11,392	0	0.0
Maharashtra	21,501	21,463	38	0.2	25,653	25,644	9	0.0
Daman & Diu	255	255	0	0.1	344	344	0	0.1
Dadra & Nagar Haveli	589	589	0	0.0	847	847	0	0.0
Goa	516	515	1	0.2	646	646	0	0.0
Western Region	51,148	51,148	0	0.0	60,966	60,966	0	0.0
Andhra Pradesh	10,102	10,101	1	0.0	11,570	11,570	0	0.0
Telangana	10,014	10,014	0	0.0	13,622	13,595	27	0.2
Karnataka	11,516	11,516	0	0.0	14,158	14,158	0	0.0
Kerala	3,915	3,775	140	3.6	4,261	4,235	26	0.6
Tamil Nadu	14,591	14,591	0	0.0	16,541	16,519	21	0.1
Puducherry	422	422	0	0.0	465	465	0	0.0
Lakshadweep (#)	11	11	0	0.0	11	11	0	0.0
Southern Region	45,659	45,646	13	0.0	58,430	58,430	0	0.0
Bihar	5,721	5,718	3	0.1	6,102	6,084	18	0.3
DVC	2,715	2,715	0	0.0	3,086	3,085	1	0.0
Jharkhand	1,397	1,396	0	0.0	1,719	1,582	137	8.0
Odisha	4,297	4,293	5	0.1	5,643	5,643	0	0.0
West Bengal	8,089	8,073	16	0.2	9,089	9,087	2	0.0
Sikkim	94	94	0	0.0	105	105	0	0.0
Andaman- Nicobar (#)	58	54	4	6.9	58	54	4	6.9
Eastern Region	21,989	21,832	156	0.7	24,405	24,405	0	0.0
Arunachal Pradesh	145	119	26	18.2	174	142	32	18.2
Assam	1,926	1,798	128	6.6	2,061	1,988	73	3.5
Manipur	220	201	19	8.6	212	210	2	0.9
Meghalaya	335	335	0	0.0	357	357	0	0.0
Mizoram	106	106	0	0.0	111	111	0	0.0
Nagaland	151	143	8	5.2	158	150	8	5.2
Tripura (*)	287	287	0	0.0	307	306	1	0.4
North-Eastern Region	2,940	2,884	56	1.9	3,126	3,053	73	2.3
All India	1,66,890	1,66,225	664	0.4	1,93,996	1,91,243	2,754	1.4

(#) Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and energy supplied.

(*) Excludes energy exported to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MW figures has been rounded off to nearest unit place.

The State-wise details of Power Supply Position in the country in terms of Peak during the summer months (April-June) of the years 2022 and 2023:

State/ System / Region	April, 2022 - June, 2022				April, 2023 - June, 2023			
	Peak demand (MW)	Peak Met (MW)	Demand not Met (MW) (%)		Peak demand (MW)	Peak Met (MW)	Demand not Met (MW) (%)	
			(MW)	(%)			(MW)	(%)
Chandigarh	407	407	0	0.0	377	377	0	0.0
Delhi	7,695	7,695	0	0.0	7,226	7,226	0	0.0
Haryana	12,768	12,768	0	0.0	11,634	11,634	0	0.0
Himachal Pradesh	1,739	1,739	0	0.0	1,809	1,809	0	0.0
Jammu & Kashmir	2,723	2,723	0	0.0	2,890	2,890	0	0.0
Punjab	14,311	14,311	0	0.0	15,293	15,293	0	0.0
Rajasthan	16,012	16,012	0	0.0	16,470	16,470	0	0.0
Uttar Pradesh	25,456	25,046	410	1.6	27,611	27,611	0	0.0
Uttarakhand	2,594	2,594	0	0.0	2,536	2,436	100	3.9
Northern Region	77,337	76,561	776	1.0	77,341	77,341	0	0.0
Chhattisgarh	5,339	5,285	54	1.0	5,399	5,399	0	0.0
Gujarat	21,464	21,382	82	0.4	22,225	22,225	0	0.0
Madhya Pradesh	12,751	12,592	159	1.2	14,298	14,298	0	0.0
Maharashtra	30,935	28,846	2,089	6.8	28,576	28,566	10	0.0
Dadra & Nagar Haveli and Daman & Diu	1,243	1,243	0	0.0	1,311	1,311	0	0.0
Goa	718	713	5	0.7	776	776	0	0.0
Western Region	70,581	69,350	1,231	1.7	70,223	70,133	89	0.1
Andhra Pradesh	13,167	12,293	874	6.6	12,909	12,900	9	0.1
Telangana	13,636	13,636	0	0.0	14,591	14,499	92	0.6
Karnataka	14,725	14,725	0	0.0	16,110	16,110	0	0.0
Kerala	4,699	4,370	329	7.0	5,010	5,010	0	0.0
Tamil Nadu	17,306	17,248	58	0.3	19,045	19,045	0	0.0
Puducherry	501	501	0	0.0	524	524	0	0.0
Lakshadweep (#)	12	12	0	0.0	12	12	0	0.0
Southern Region	61,061	60,876	185	0.3	63,939	63,939	0	0.0
Bihar	6,831	6,308	523	7.7	6,974	6,974	0	0.0
DVC	3,402	3,396	7	0.2	3,420	3,420	0	0.0
Jharkhand	2,118	1,807	311	14.7	2,077	2,077	0	0.0
Odisha	6,427	6,378	49	0.8	6,443	6,443	0	0.0
West Bengal	10,125	9,900	225	2.2	11,626	11,626	0	0.0
Sikkim	116	115	1	0.8	106	106	0	0.1
Andaman- Nicobar (#)	62	62	0	0.0	61	54	8	12.3
Eastern Region	27,522	25,690	1,831	6.7	30,256	29,299	957	3.2
Arunachal Pradesh	158	137	21	13.1	165	165	0	0.0
Assam	2,144	2,082	62	2.9	2,307	2,307	0	0.0
Manipur	202	202	0	0.0	213	213	0	0.0
Meghalaya	359	359	0	0.0	352	332	20	5.7
Mizoram	118	118	0	0.0	127	127	0	0.2
Nagaland	150	150	0	0.0	167	167	0	0.0
Tripura (*)	316	316	0	0.1	362	362	0	0.0
North-Eastern Region	3,242	3,212	30	0.9	3,546	3,541	5	0.1
All India	2,15,888	2,07,231	8,657	4.0	2,24,106	2,23,292	814	0.4

(#) Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these does not form part of regional requirement and supply.

(*) Excludes energy exported to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MW figures has been rounded off to nearest unit place

The State-wise details of Power Supply Position in the country in terms of Peak during the summer months (April-September) of the years 2024 and 2025:

State/ System / Region	April, 2024 - June, 2024				April, 2025 - June, 2025			
	Peak demand	Peak Met	Demand not Met		Peak demand	Peak Met	Demand not Met	
	(MW)	(MW)	(MW)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	449	449	0	0.0	460	460	0	0.0
Delhi	8,656	8,656	0	0.0	8,442	8,442	0	0.0
Haryana	14,469	14,469	0	0.0	13,600	13,600	0	0.0
Himachal Pradesh	1,919	1,919	0	0.0	1,943	1,943	0	0.0
Jammu & Kashmir	2,924	2,924	0	0.0	2,906	2,906	0	0.0
Punjab	16,058	16,058	0	0.0	16,428	16,428	0	0.0
Rajasthan	17,774	17,774	0	0.0	18,509	18,509	0	0.0
Uttar Pradesh	30,618	30,618	0	0.0	31,486	31,486	0	0.0
Uttarakhand	2,863	2,863	0	0.0	2,910	2,910	0	0.0
Northern Region	91,592	90,747	845	0.9	91,335	90,772	563	0.6
Chhattisgarh	6,367	6,347	20	0.3	6,819	6,819	0	0.0
Gujarat	25,588	25,588	0	0.0	26,457	26,457	0	0.0
Madhya Pradesh	14,309	14,309	0	0.0	14,527	14,486	41	0.3
Maharashtra	28,924	28,924	0	0.0	30,659	30,659	0	0.0
Dadra & Nagar Haveli and Daman & Diu	1,356	1,356	0	0.0	1,406	1,406	0	0.0
Goa	803	803	0	0.0	864	864	0	0.0
Western Region	74,933	74,933	0	0.0	80,052	80,052	0	0.0
Andhra Pradesh	13,712	13,712	0	0.0	13,121	13,117	4	0.0
Telangana	13,916	13,884	32	0.2	14,925	14,925	0	0.0
Karnataka	17,015	16,985	30	0.2	17,351	17,330	21	0.1
Kerala	5,904	5,631	274	4.6	5,185	5,178	7	0.1
Tamil Nadu	20,784	20,784	0	0.0	19,864	19,864	0	0.0
Puducherry	549	549	0	0.0	560	552	8	1.5
Lakshadweep (#)	13	13	0	0.0	14	14	0	0.0
Southern Region	67,086	66,986	100	0.1	66,785	66,694	91	0.1
Bihar	7,604	7,601	3	0.0	8,373	8,367	7	0.1
DVC	3,482	3,481	1	0.0	3,520	3,520	0	0.0
Jharkhand	2,295	2,292	3	0.1	2,261	2,258	3	0.1
Odisha	6,905	6,905	0	0.0	6,936	6,927	8	0.1
West Bengal	12,645	12,640	5	0.0	13,108	13,108	0	0.0
Sikkim	111	111	0	0.0	104	104	0	0.1
Andaman- Nicobar (#)	70	64	6	9.0	71	65	6	8.6
Eastern Region	31,488	31,399	89	0.3	33,120	33,020	100	0.3
Arunachal Pradesh	198	198	0	0.0	192	192	0	0.0
Assam	2,405	2,404	1	0.1	2,717	2,717	0	0.0
Manipur	227	227	0	0.0	248	248	0	0.0
Meghalaya	409	408	1	0.2	340	340	0	0.0
Mizoram	130	130	0	0.1	139	138	1	0.9
Nagaland	184	184	0	0.0	202	191	11	5.6
Tripura (*)	386	386	0	0.1	366	366	0	0.0
North-Eastern Region	3,652	3,652	0	0.0	3,947	3,947	0	0.0
All India	2,49,856	2,49,854	2	0.0	2,42,773	2,42,493	280	0.1

(#) Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these does not form part of regional requirement and supply.

(*) Excludes energy exported to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MW figures have been rounded off to nearest unit place.

ANNEXURE-II**ANNEXURE REFERRED IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 958 ANSWERED IN THE RAJYA SABHA ON 28.07.2025**

The details of Power Supply Position of Uttar Pradesh in terms of Peak during the last five years and current year 2025-26 (upto June, 2025)

Year	Peak Demand	Peak Met	Demand not Met	
	(MW)	(MW)	(MW)	%
2020-21	23,797	23,747	50	0.2
2021-22	24,965	24,795	170	0.7
2022-23	27,369	26,589	780	2.8
2023-24	28,704	28,284	420	1.5
2024-25	30,618	30,618	0	0.0
2025-26 (upto June, 2025)	31,486	31,486	0	0.0
