

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.1867  
ANSWERED ON 31.07.2025**

**NATIONAL ELECTRICITY PLAN**

**†1867. SHRI DULU MAHATO:**

**SHRI BIDYUT BARAN MAHATO:**

**SMT. SHOBHANABEN MAHENDRASINH BARAIYA:**

**SHRI DILIP SAIKIA:**

**SHRI ANURAG SHARMA:**

**SHRI CHHATRAPAL SINGH GANGWAR:**

**SHRI DINESHBHAI MAKWANA:**

**SHRI BHARTRUHARI MAHTAB:**

**SHRI MUKESH RAJPUT:**

**SHRI CHAVDA VINOD LAKHAMSHI:**

**DR. HEMANT VISHNU SAVARA:**

**SHRI JAGDAMBIKA PAL:**

**SHRI MAHENDRA SINGH SOLANKY:**

**SHRI RAVINDRA SHUKLA ALIAS RAVI KISHAN:**

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

- (a) the estimated peak electricity demand targeted to be addressed/met by the year 2032 under the National Electricity Plan;**
- (b) the estimated augmentation in Central and State transmission systems to meet the above demand by the year 2032 under the said plan;**
- (c) the estimated increase in inter-regional transfer capacity by the year 2032;**
- (d) whether there are any provisions under the Plan to supply electricity to green hydrogen or green ammonia manufacturing potential hubs and if so, the details thereof;**
- (e) the details of demand and supply of power during the last five years, State-wise specially in the State of Maharashtra; and**
- (f) the manner in which the initiatives of the Government regarding the National Electric Plan 2032 is likely to help in boosting development in Madhya Pradesh especially in Dewas-Shajapur Lok Sabha Constituency?**

**A N S W E R**

**THE MINISTER OF STATE IN THE MINISTRY OF POWER**

**(SHRI SHRIPAD NAIK)**

**(a): As per National Electricity Plan (Transmission), for the period 2022-32, All India peak electricity demand is projected to be 388 GW by 2031-32. The Government of India is confident of meeting this projected power demand without any shortages.**

**(b) : The details of the transmission system (220 kV and above) planned till 2031-32 under Inter-State Transmission System (ISTS) and Intra-State Transmission System (InSTS) are given at Annexure-I.**

**(c) : The inter-regional transmission capacity is planned to be increased from around 120 GW as on June 2025 to 168 GW by the year 2031-32.**

**(d): As per initial estimates, the additional electricity demand on account of green hydrogen/green ammonia production is around 70 GW by the year 2031-32. Transmission system has been planned for delivery of power to green hydrogen/green ammonia manufacturing hubs in the coastal areas of Gujarat, Odisha, West Bengal, Andhra Pradesh, Tamil Nadu and Karnataka. The planned transmission system would be taken up for implementation in a phased manner commensurate with the progress of establishment of green hydrogen/green ammonia manufacturing hubs. The details of the transmission system planned for delivery of power to green hydrogen/green ammonia manufacturing hubs are given at Annexure-II.**

**(e) : The details of power supply position of the country in terms of Energy for the last five year and the current year (upto June 2025) including the state of Maharashtra are given at Annexure-III.**

**(f) : As per National Electricity Plan (Volume-II Transmission), in Madhya Pradesh, about, 2030 ckm of transmission lines and 27.5 GVA of transformation capacity (220 kV and above voltage levels) are planned to be added in ISTS during 2022-32. In addition, about 4,292 ckm of transmission lines and 16.54 GVA of transformation capacity in the substations (220 kV and above voltage levels) are planned to be added in Intra-State Transmission System (InSTS) during 2022-32.**

**In the vicinity of Dewas-Shajapur constituency, following new substations/ ICT augmentations at existing substation have been planned under Inter-State Transmission System (ISTS) and InSTS by 2032 which would help in meeting the electricity demand of the constituency.**

- (i) New 220/132 kV, 160 MVA Super Corridor (Indore) Substation(InSTS)**
- (ii) ICT augmentation at 220/132 kV, 160 MVA Mangliya Substation (InSTS)**
- (iii)ICT augmentation at 765/400 kV Indore Substation (ISTS)**
- (iv)ICT augmentation at 400/200 kV Pachora SEZ PP (ISTS)**
- (v) ICT augmentation at 400/220 kV Shujalpur (PG) Substation (ISTS)**
- (vi)ICT augmentation at 400/220 kV Rajgarh Substation (ISTS)**

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**ANNEXURE-I****ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1867 ANSWERED IN THE LOK SABHA ON 31.07.2025**

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**The details of the transmission system (220 kV and above) planned till 2031-32 under Inter-State Transmission System (ISTS) and Intra-State Transmission System (InSTS):**

		<b>As on 30.06.2025</b>	<b>Planned addition during July 2025 to March 2032</b>	<b>At the end of 2031-32 (31.03.2032)</b>	<b>Total</b>
<b>Transmission lines (ckm)</b>	<b>ISTS</b>	<b>2,14,677</b>	<b>79,868</b>	<b>2,94,545</b>	<b>6,48,190</b>
	<b>Intra- State</b>	<b>2,80,728</b>	<b>72,917</b>	<b>3,53,645</b>	
<b>Transformation Capacity (MVA)</b>	<b>ISTS</b>	<b>5,68,205</b>	<b>7,13,150</b>	<b>12,81,355</b>	<b>24,11,885</b>
	<b>Intra- State</b>	<b>7,91,498</b>	<b>3,39,032</b>	<b>11,30,530</b>	

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## **ANNEXURE-II**

### **ANNEXURE REFERRED IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 1867 ANSWERED IN THE LOK SABHA ON 31.07.2025**

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**Details of the transmission system planned for delivery of power to green hydrogen/green ammonia manufacturing hubs:**

- (i) Network Expansion Scheme in Navinal (Mundra) area of Gujarat for drawal of power (under Phase-I Part A)**
- (ii) Transmission System for supply of power to Green Hydrogen/Green Ammonia manufacturing hub potential in Mundra area of Gujarat under Phase-I: Part B scheme**
- (iii) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub in Mundra, Gujarat, Phase-II**
- (iv) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub in Mundra, Gujarat, under Phase-III**
- (v) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub in Mundra, Gujarat, under Phase-IV**
- (vi) Transmission System for supply of power to Green Hydrogen/Green Ammonia manufacturing hub in Kandla area of Gujarat (Phase-I)**
- (vii) Transmission System for supply of power to Green Hydrogen/ Ammonia potential in Kandla area of Gujarat (Phase-II)**
- (viii) Transmission System for supply of power to Green Hydrogen/ Ammonia potential in Kandla area of Gujarat (Phase-III)**
- (ix) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Kakinada**
- (x) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Pudimadka (Vizag)**
- (xi) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Ramayapatnam**
- (xii) Transmission system for meeting electricity demand of Green Hydrogen/Green Ammonia manufacturing hub at Tuticorin**
- (xiii) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Mangalore**
- (xiv) Eastern Region Expansion Scheme-XXXIV (ERES- XXXIV): for supply of power to Green Hydrogen/Green Ammonia manufacturing hub at Paradeep**
- (xv) Eastern Region Expansion Scheme-XXXIX (ERES- XXXIX): for supply of power to Green Hydrogen/Green Ammonia manufacturing hub at Gopalpur**
- (xvi) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Goplapur**
- (xvii) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Paradeep and Kendrapada**
- (xviii) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Malkangiri**
- (xix) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Rayagada**
- (xx) Transmission System for supply of power to Green Hydrogen/ Green Ammonia manufacturing hub at Shyama Prasad Mukherjee Port**

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# ANNEXURE REFERRED IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 1867 ANSWERED IN THE LOK SABHA ON 31.07.2025

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Details of States/UTs/Regions-wise Power Supply Position of the Country including the Maharashtra in terms of Energy for the period from FY 2019-2020 to FY 2020-2021:

State/ System / Region	April, 2019 -March, 2020				April, 2020 - March, 2021			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )	( MU )	( MU )	( MU )	( % )
Chandigarh	1,732	1,732	0	0	1,523	1,523	0	0
Delhi	33,086	33,077	9	0	29,560	29,555	4	0
Haryana	54,505	54,492	13	0	53,161	53,108	53	0.1
Himachal Pradesh	10,424	10,353	71	0.7	10,186	10,130	56	0.5
Jammu & Kashmir	20,025	16,259	3,767	18.8	19,773	17,222	2,551	12.9
Punjab	56,776	56,770	6	0	58,445	58,377	67	0.1
Rajasthan	81,281	81,222	58	0.1	85,311	85,205	106	0.1
Uttar Pradesh	1,22,549	1,21,004	1,545	1.3	1,24,367	1,23,383	984	0.8
Uttarakhand	14,472	14,376	96	0.7	13,827	13,818	8	0.1
Northern Region	3,94,851	3,89,285	5,566	1.4	3,96,151	3,92,323	3,829	1
Chhattisgarh	30,111	30,107	4	0	30,472	30,449	22	0.1
Gujarat	1,13,940	1,13,939	1	0	1,11,622	1,11,622	0	0
Madhya Pradesh	76,172	76,172	0	0	83,437	83,437	0	0
Maharashtra	1,55,167	1,55,166	0	0	1,50,679	1,50,663	16	0
Daman & Diu	2,574	2,574	0	0	2,223	2,223	0	0
Dadra & Nagar Haveli	6,528	6,528	0	0	5,497	5,497	0	0
Goa	4,350	4,350	0	0	4,083	4,083	0	0
Western Region	3,88,841	3,88,836	5	0	3,88,013	3,87,975	38	0
Andhra Pradesh	65,452	65,414	38	0.1	62,080	62,076	4	0
Telangana	68,306	68,303	3	0	66,998	66,994	4	0
Karnataka	72,799	72,796	3	0	68,851	68,831	19	0
Kerala	26,315	26,265	50	0.2	25,118	25,102	16	0.1
Tamil Nadu	1,08,816	1,08,812	4	0	1,01,194	1,01,189	5	0
Puducherry	2,847	2,846	1	0	2,644	2,644	0	0
Lakshadweep (#)	46	46	0	0	56	56	0	0
Southern Region	3,44,535	3,44,436	99	0	3,26,885	3,26,836	48	0
Bihar	31,627	31,533	94	0.3	34,171	34,018	153	0.4
DVC	22,429	22,427	2	0	21,368	21,368	0	0
Jharkhand	8,941	8,872	69	0.8	9,953	9,675	278	2.8
Odisha	29,692	29,692	0	0	29,848	29,848	0	0
West Bengal	52,948	52,824	124	0.2	51,644	51,543	100	0.2
Sikkim	554	554	0	0	546	546	0	0
Andaman- Nicobar (#)	346	323	23	6.7	346	323	23	6.7
Eastern Region	1,46,191	1,45,902	289	0.2	1,47,530	1,46,999	531	0.4
Arunachal Pradesh	753	749	4	0.5	719	714	5	0.7
Assam	9,804	9,288	516	5.3	10,192	9,815	377	3.7
Manipur	924	917	6	0.7	974	969	5	0.5
Meghalaya	2,112	2,064	48	2.3	2,031	2,005	26	1.3
Mizoram	647	643	4	0.7	728	723	4	0.6
Nagaland	814	809	5	0.7	826	822	4	0.5
Tripura (*)	1,538	1,515	23	1.5	1,484	1,481	3	0.2
North-Eastern Region	16,591	15,984	607	3.7	16,955	16,531	424	2.5
All India	12,91,010	12,84,444	6,566	0.5	12,75,534	12,70,663	4,871	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 MU figures has been rounded off to nearest unit place.

**Details of States/UTs/Regions-wise Power Supply Position of the country including the Maharashtra in terms of Energy for the period of FY 2021-22:**

State/ System / Region	April, 2021 - March, 2022			
	Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )
Chandigarh	1,606	1,606	0	0
Delhi	31,128	31,122	6	0
Haryana	55,499	55,209	290	0.5
Himachal Pradesh	12,115	12,088	27	0.2
Jammu & Kashmir	19,957	18,434	1,524	7.6
Punjab	62,846	62,411	436	0.7
Rajasthan	89,814	89,310	504	0.6
Uttar Pradesh	1,29,448	1,28,310	1,138	0.9
Uttarakhand	15,521	15,426	94	0.6
Northern Region	4,17,934	4,13,915	4,019	1
Chhattisgarh	31,908	31,872	35	0.1
Gujarat	1,23,953	1,23,666	287	0.2
Madhya Pradesh	86,501	86,455	46	0.1
Maharashtra	1,72,823	1,72,809	14	0
Daman & Diu	2,594	2,594	0	0
Dadra & Nagar Haveli	6,839	6,839	0	0
Goa	4,448	4,448	0	0
Western Region	4,29,065	4,28,683	383	0.1
Andhra Pradesh	68,413	68,219	194	0.3
Telangana	70,539	70,523	16	0
Karnataka	72,437	72,417	20	0
Kerala	26,579	26,570	9	0
Tamil Nadu	1,09,816	1,09,798	18	0
Puducherry	2,894	2,893	1	0
Lakshadweep (#)	56	56	0	0
Southern Region	3,50,678	3,50,421	258	0.1
Bihar	36,216	35,761	455	1.3
DVC	23,741	23,736	4	0
Jharkhand	11,148	10,590	558	5
Odisha	38,339	38,332	7	0
West Bengal	54,001	53,945	57	0.1
Sikkim	610	609	0	0
Andaman- Nicobar (#)	335	327	8	2.3
Eastern Region	1,64,054	1,62,973	1,081	0.7
Arunachal Pradesh	875	874	1	0.1
Assam	10,844	10,825	19	0.2
Manipur	1,019	1,018	1	0.1
Meghalaya	2,256	2,243	13	0.6
Mizoram	656	644	12	1.8
Nagaland	852	851	1	0.1
Tripura (*)	1,578	1,578	0	0
North-Eastern Region	18,079	18,033	47	0.3
All India	13,79,812	13,74,024	5,787	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 MU figures have been rounded off to nearest unit place.

**Details of States/UTs/Regions-wise Power Supply Position of the country including Maharashtra in terms of Energy for the period from FY 2022-23 to FY 2023-24:**

State/ System / Region	April, 2022 - March, 2023				April, 2023 - March, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )	( MU )	( MU )	( MU )	( % )
Chandigarh	1,788	1,788	0	0	1,789	1,789	0	0
Delhi	35,143	35,133	10	0	35,501	35,496	5	0
Haryana	61,451	60,945	506	0.8	63,983	63,636	348	0.5
Himachal Pradesh	12,649	12,542	107	0.8	12,805	12,767	38	0.3
Jammu & Kashmir	19,639	19,322	317	1.6	20,040	19,763	277	1.4
Punjab	69,522	69,220	302	0.4	69,533	69,528	5	0
Rajasthan	1,01,801	1,00,057	1,745	1.7	1,07,422	1,06,806	616	0.6
Uttar Pradesh	1,44,251	1,43,050	1,201	0.8	1,48,791	1,48,287	504	0.3
Uttarakhand	15,647	15,386	261	1.7	15,644	15,532	112	0.7
Northern Region	4,63,088	4,58,640	4,449	1	4,76,852	4,74,946	1,906	0.4
Chhattisgarh	37,446	37,374	72	0.2	39,930	39,872	58	0.1
Gujarat	1,39,043	1,38,999	44	0	1,45,768	1,45,740	28	0
Madhya Pradesh	92,683	92,325	358	0.4	99,301	99,150	151	0.2
Maharashtra	1,87,309	1,87,197	111	0.1	2,07,108	2,06,931	176	0.1
Dadra & Nagar Haveli and Daman & Diu	10,018	10,018	0	0	10,164	10,164	0	0
Goa	4,669	4,669	0	0	5,111	5,111	0	0
Western Region	4,77,393	4,76,808	586	0.1	5,17,714	5,17,301	413	0.1
Andhra Pradesh	72,302	71,893	410	0.6	80,209	80,151	57	0.1
Telangana	77,832	77,799	34	0	84,623	84,613	9	0
Karnataka	75,688	75,663	26	0	94,088	93,934	154	0.2
Kerala	27,747	27,726	21	0.1	30,943	30,938	5	0
Tamil Nadu	1,14,798	1,14,722	77	0.1	1,26,163	1,26,151	12	0
Puducherry	3,051	3,050	1	0	3,456	3,455	1	0
Lakshadweep (#)	64	64	0	0	64	64	0	0
Southern Region	3,71,467	3,70,900	567	0.2	4,19,531	4,19,293	238	0.1
Bihar	39,545	38,762	783	2	41,514	40,918	596	1.4
DVC	26,339	26,330	9	0	26,560	26,552	8	0
Jharkhand	13,278	12,288	990	7.5	14,408	13,858	550	3.8
Odisha	42,631	42,584	47	0.1	41,358	41,333	25	0.1
West Bengal	60,348	60,274	74	0.1	67,576	67,490	86	0.1
Sikkim	587	587	0	0	544	543	0	0
Andaman- Nicobar (#)	348	348	0	0.12914	386	374	12	3.18562
Eastern Region	1,82,791	1,80,888	1,903	1	1,92,013	1,90,747	1,266	0.7
Arunachal Pradesh	915	892	24	2.6	1,014	1,014	0	0
Assam	11,465	11,465	0	0	12,445	12,341	104	0.8
Manipur	1,014	1,014	0	0	1,023	1,008	15	1.5
Meghalaya	2,237	2,237	0	0	2,236	2,066	170	7.6
Mizoram	645	645	0	0	684	684	0	0
Nagaland	926	873	54	5.8	921	921	0	0
Tripura (*)	1,547	1,547	0	0	1,691	1,691	0	0
North-Eastern Region	18,758	18,680	78	0.4	20,022	19,733	289	1.4
All India	15,13,497	15,05,914	7,583	0.5	16,26,132	16,22,020	4,112	0.3

(#) 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 MU figures has been rounded off to nearest unit place.

**Details of States/UTs/Regions-wise All India Power Supply Position of the country including Maharashtra in terms of Energy for the period from FY 2024-25 to FY 2025-26 (upto June, 2025)**

State/ System / Region	April, 2024 - March, 2025				April, 2025 - June, 2025			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )	( MU )	( MU )	( MU )	( % )
Chandigarh	1,952	1,952	0	0	555	555	0	0
Delhi	38,255	38,243	12	0	11,303	11,299	4	0
Haryana	70,149	70,120	30	0	18,816	18,757	59	0.3
Himachal Pradesh	13,566	13,526	40	0.3	3,387	3,375	11	0.3
Jammu & Kashmir	20,374	20,283	90	0.4	4,853	4,847	6	0.1
Punjab	77,423	77,423	0	0	20,885	20,860	25	0.1
Rajasthan	1,13,833	1,13,529	304	0.3	28,036	28,036	0	0
Uttar Pradesh	1,65,090	1,64,786	304	0.2	46,028	46,022	6	0
Uttarakhand	16,770	16,727	43	0.3	4,426	4,417	10	0.2
Northern Region	5,18,869	5,17,917	952	0.2	1,38,697	1,38,576	121	0.1
Chhattisgarh	43,208	43,180	28	0.1	11,474	11,472	2	0
Gujarat	1,51,878	1,51,875	3	0	41,752	41,752	0	0
Madhya Pradesh	1,04,445	1,04,312	133	0.1	25,168	25,166	2	0
Maharashtra	2,01,816	2,01,757	59	0	52,395	52,393	1	0
Dadra & Nagar Haveli and Daman & Diu	10,852	10,852	0	0	2,845	2,845	0	0
Goa	5,411	5,411	0	0	1,486	1,486	0	0
Western Region	5,28,924	5,28,701	223	0	1,38,472	1,38,466	6	0
Andhra Pradesh	79,028	79,025	3	0	20,471	20,471	0	0
Telangana	88,262	88,258	4	0	19,690	19,690	0	0
Karnataka	92,450	92,446	4	0	22,945	22,945	0	0
Kerala	31,624	31,616	8	0	8,015	8,015	0	0
Tamil Nadu	1,30,413	1,30,408	5	0	34,817	34,817	0	0
Puducherry	3,549	3,549	0	0	948	946	2	0.2
Lakshadweep (#)	68	68	0	0	20	20	0	0
Southern Region	4,25,373	4,25,349	24	0	1,06,899	1,06,897	2	0
Bihar	44,393	44,217	176	0.4	12,716	12,713	4	0
DVC	25,891	25,888	3	0	6,368	6,367	1	0
Jharkhand	15,203	15,126	77	0.5	3,931	3,930	1	0
Odisha	42,882	42,858	24	0.1	11,830	11,828	2	0
West Bengal	71,180	71,085	95	0.1	20,645	20,626	18	0.1
Sikkim	574	574	0	0	128	128	0	0
Andaman- Nicobar (#)	425	413	12	2.9	107	104	3	2.8
Eastern Region	2,00,180	1,99,806	374	0.2	55,637	55,611	26	0
Arunachal Pradesh	1,050	1,050	0	0	283	283	0	0
Assam	12,843	12,837	6	0	3,506	3,506	0	0
Manipur	1,079	1,068	10	0.9	274	272	2	0.9
Meghalaya	2,046	2,046	0	0	494	494	0	0
Mizoram	709	709	0	0	177	177	0	0
Nagaland	938	938	0	0	243	243	0	0
Tripura (*)	1,939	1,939	0	0	512	512	0	0
North-Eastern Region	20,613	20,596	16	0.1	5,492	5,490	2	0
All India	16,93,959	16,92,369	1,590	0.1	4,45,197	4,45,040	157	0

(#) 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 MU figures has been rounded off to nearest unit place.

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