

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO. 3185
ANSWERED ON 28.03.2023

STATUS OF POWER DEMAND AND SUPPLY

3185 SHRI AKHILESH PRASAD SINGH:

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

- (a) the details regarding power cuts during the last five years, year-wise and region-wise;
- (b) the details regarding power consumption during the last five years, year-wise and region-wise;
- (c) whether Government has devised a strategy to deal with a higher electricity demand expectations from July to September, in light of the shortage of coal currently;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the steps taken to increase power production during the last five years?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The State-wise details of Average hours of Power Supply in a day for the last five years for the Rural and Urban areas in 11kV feeders up to December, 2022 for the participating States as on 09.03.2023 are given at **Annexure-I**.

(b) : The details regarding power consumption during the last five years, year-wise and region-wise are given at Annexure-**II**.

(c) to (e) : The anticipated All India Power Supply Position for the months of July, 2023 to September, 2023, as per the Load Generation Balance Report (LGBR) for the year 2023-24 published by Central Electricity Authority (CEA), is given at **Annexure-III**. The following strategy have been taken to deal with a higher electricity demand expected during summer months:

- (i) Measures have been taken to ensure the availability of the generation capacity. The generators shall complete the maintenance work of their plants well before the period of high demand.
- (ii) Monitoring and Coordination with Ministries of Coal and Railways, on a regular basis, for increase in the production and dispatch of coal as much as possible.

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- (iii) All Power generators have been asked for timely import of coal for blending purposes so that adequate coal stock is maintained in the plant.
- (iv) All captive coal blocks have been asked to maximize the coal production to supplement the coal supply from domestic coal companies (CIL and SCCL).
- (v) Additional arrangement for gas for running gas based stations has been planned from GAIL, during high power demand months.
- (vi) Imported Coal Based (ICB) plants have been issued statutory directions to stock coal and generate power during high demand period.

The details of capacity addition achieved during last 5 years and current year (upto February, 2023) from Conventional Sources and Renewable Energy Sources are given at **Annexure-IV**.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3185
ANSWERED IN THE RAJYA SABHA ON 28.03.2023

The State-wise details of Average hours of Power Supply in a Day (HH.hh) for the last five years for Rural and Urban areas in 11kV feeders up to December, 2022 for the participating States as on 09.03.2023

Sl. No.	State/UTs Name	2018-19		2019-20		2020-21		2021-22		2022-23	
		RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
		Supply	Supply	Supply	Supply	Supply	Supply	Supply	Supply	Supply	Supply
1	Andhra Pradesh	22.12	23.97	23.63	23.92	23.57	23.93	23.58	23.89	23.49	23.85
2	Arunachal Pradesh#						22.78		22.73		
3	Assam		23.73		23.80		23.32		23.67		23.65
4	Bihar	21.22		21.85	23.13	21.90	23.41	20.34	23.55	20.06	23.31
5	Chhattisgarh		23.77		23.98	21.33	23.87	21.25	23.82	21.55	23.81
6	Delhi								24.00		24.00
7	Goa				22.75		23.75		23.78		23.82
8	Gujarat	23.78	23.95	23.12	23.95	23.56	23.96	23.50	23.96	23.83	23.96
9	Haryana	19.62	23.28	19.23	23.27	17.12	23.62	16.26	23.63	19.38	23.62
10	Himachal Pradesh	15.82		15.65	23.85	14.27	23.87	13.27	23.90	12.97	
11	Jammu & Kashmir						21.54		22.28		22.33
12	Karnataka	17.63	23.93	17.22	23.83	17.55	23.75	17.56	23.59	18.95	23.80
13	Kerala	21.22		21.97	23.98	21.00	23.93	19.62	23.93		23.94
14	Madhya Pradesh	23.33	23.70	23.03	23.85	19.62	23.94	19.35	23.88	20.59	23.62
15	Maharashtra		23.95	20.45	23.97	20.80	23.95	23.17	23.99	23.85	23.99
16	Meghalaya		23.95		23.98		23.90		23.93		23.91
17	Manipur#						23.55		23.65		
18	Mizoram#		23.73		23.67		23.57		23.87		
19	Nagaland#				23.50		23.48		23.45		
20	Odisha	20.13		20.02	23.65	21.03	23.67	23.22	23.65		
21	Puducherry	22.10		20.45		20.30		20.30			
22	Punjab	23.27	23.78	23.17	23.72	21.33	23.50	22.12	23.68		23.67
23	Rajasthan	21.30	23.92	21.30	23.88	20.58	23.91	21.29	23.89	21.53	23.86
24	Tamil Nadu	20.77		20.97	23.97	21.95	23.98	22.15	23.98		
25	Telangana	22.05		22.22	23.92	22.00	23.92	21.94	23.93	21.72	23.87
26	Tripura	19.68		19.55		19.57	23.92	19.93	23.90	19.66	23.88
27	Uttar Pradesh	19.10	23.15	17.03	23.57	16.28	23.47	15.99	23.42	16.03	23.56
28	Uttarakhand	21.40	23.47	21.67	23.40	21.95	23.68	21.57	23.62	21.39	23.57
29	West Bengal	18.18	23.97	23.07	23.97	22.97	23.77	23.48	23.82	23.33	23.82
	ALL INDIA TOTAL	20.7	23.8	20.8	23.7	20.45	23.76	20.53	23.78	20.55	23.71

Note:- # Only Urban data is Available

States/UTs Highlighted in Bold have not submitted data on NPP.

States/UTs not present in the list are not mapped on NPP

* Delhi has been on boarded on NPP in April 2021. So data for previous FYs is not available on NPP

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3185
ANSWERED IN THE RAJYA SABHA ON 28.03.2023**

The details regarding region-wise power consumption during 2017-18

ELECTRICAL ENERGY SALES TO ULTIMATE CONSUMERS CATEGORY-WISE/STATE-WISE										
UTILITIES										
States / UTs	Domestic	Commercial	Industrial Power		Public Lighting	Traction	Agriculture	Public Water Works & Sewage Pumping (B)	Miscellaneous	Total Energy Sold
			(Low & Med. Voltage)	(High Voltage)						
Chandigarh	731.24	483.70	131.93	122.80	17.82	0.00	1.43		84.96	1573.88
Delhi	14911.54	8118.36	3188.28	43.54	433.86	687.48	33.17	389.87	681.65	28487.75
Haryana	8743.69	4266.36	1914.50	10659.91	226.92	225.64	10067.34	914.56	1196.45	38215.38
Himachal Pradesh	1989.90	567.09	200.78	4614.96	11.29	0.00	62.18	605.09	353.27	8404.56
Jammu & Kashmir	3442.80	1081.10	528.20	1173.50	53.20	14.67	314.45	624.15	1162.80	8394.87
Punjab	13641.73	3889.01	3391.75	12178.86	193.75	240.42	12294.65	494.24	703.05	47027.46
Rajasthan	11998.33	4576.58	3054.07	7847.00	347.65	388.36	22833.45	1896.53	675.80	53617.78
Uttar Pradesh	38292.31	6237.60	4318.18	14449.17	1039.60	1723.35	17742.15	2070.35	4522.67	90395.38
Uttarakhand	2741.53	1232.48	302.22	5858.05	57.31	29.20	437.08	367.23	185.20	11210.30
Sub-Total (NR)	96493.08	30452.27	17029.91	56947.80	2381.40	3309.12	63785.91	7362.02	9565.84	287327.36
Chhattisgarh	5025.08	1489.46	526.16	7081.11	100.61	925.43	4831.25	338.10	45.35	20362.54
Gujarat	14648.25	3109.29	16406.84	37118.80	321.84	695.01	13731.76	2090.94	2596.50	90719.23
Madhya Pradesh	12054.26	2920.53	1250.11	8927.13	416.20	1821.72	18473.18	1515.75	5143.98	52522.85
Maharashtra	27946.84	13742.34	9555.60	29618.30	1900.99	2500.38	30306.90	2770.10	6579.28	124920.73
Daman & Diu	120.75	55.93	195.03	1978.19	9.47	0.00	4.73	3.49	9.78	2377.37
D & N Haveli	112.64	32.72	208.24	5295.13	7.97	0.00	6.50	5.45	3.39	5672.04
Goa	938.73	386.03	167.07	2009.88	37.30	0.00	29.94	0.00	48.97	3617.92
Sub-Total (WR)	60846.55	21736.29	28309.04	92028.53	2794.38	5942.54	67384.25	6723.84	14427.24	300192.68
Andhra Pradesh	13372.74	3384.80	4729.97	13000.82	500.54	1923.57	12589.20	472.27	1026.90	51000.80
Telangana	10710.40	5340.12	1199.13	10507.79	457.54	467.10	19984.61	545.86	1985.09	51197.64
Karnataka	12503.78	6389.36	1852.42	11782.16	1023.61	181.22	21377.16	3251.70	874.18	59235.60
Kerala	10636.44	4570.86	1223.68	3179.07	377.36	265.16	372.27	0.16	729.15	21354.14
Tamil Nadu	25815.33	9915.99	8984.83	24621.23	1123.73	858.61	11257.43	1123.73	2953.11	86654.00
Puduchery	713.28	206.34	177.22	1322.63	27.52	0.00	57.28	0.00	35.69	2539.96
Lakshadweep	35.90	11.44	0.43	0.00	0.65	0.00	0.00	0.00	0.09	48.50
Sub-Total (SR)	73787.86	29818.91	18167.69	64413.70	3510.95	3695.67	65637.95	5393.72	7604.20	272030.65
Bihar	9084.68	1742.03	510.25	2262.47	57.55	700.02	479.84	107.39	3768.97	18713.22
Jharkhand \$	5435.39	700.34	271.24	11902.48	133.74	1219.33	202.44	0.00	85.20	19950.15
Odisha	6825.26	1675.37	372.76	6161.37	99.66	1162.32	429.34	125.56	862.10	17713.75
West Bengal \$	14924.14	6080.43	2176.64	15422.35	592.38	1401.55	1250.42	892.06	2737.63	45477.60
Sikkim	98.72	38.38	2.00	176.87	0.13	0.00	0.00	0.00	27.57	343.67
A & N Islands	141.67	58.74	17.62	0.00	7.80	0.00	1.18	0.00	38.68	265.68
Sub-Total (ER)	36509.85	10295.29	3350.51	35925.54	891.27	4483.22	2363.23	1125.02	7520.14	102464.07
Arunachal Pradesh	171.54	53.55	4.75	126.34	11.94	2.12	0.04	0.00	66.69	436.98
Assam	3804.23	1035.36	96.19	1375.88	12.72	0.00	34.72	70.96	633.76	7063.82
Manipur	354.74	47.33	19.26	9.04	3.67	0.00	2.12	21.07	106.77	564.00
Meghalaya	455.17	95.37	5.32	380.53	0.43	0.00	0.12	36.05	90.73	1063.73
Mizoram	235.14	48.12	2.19	11.15	2.21	0.00	0.00	41.58	55.39	395.77
Nagaland	378.21	88.12	65.56	0.00	14.84	0.00	0.00	9.36	107.63	663.72
Tripura	508.65	84.24	21.67	26.62	45.28	0.00	38.51	87.95	115.10	928.01
Sub-Total (NER)	5907.68	1452.09	214.93	1929.57	91.09	2.12	75.51	266.96	1176.08	11116.02
Total (All India)	273545.02	93754.85	67072.09	251245.14	9669.10	17432.67	199246.85	20871.56	40293.50	973130.78

Note:- \$ -Includes DVC's sales to ultimate consumers in the State of Jharkhand & West Bengal area
B - Included under Industrial category

The details regarding region-wise power consumption during 2018-19

ELECTRICAL ENERGY SALES TO ULTIMATE CONSUMERS CATEGORY-WISE/STATE-WISE										
UTILITIES										
State / UTs	Domestic	Commercial	Industrial Power		Public Lighting	Traction	Agriculture	Public Water Works & Sewage Pumping	Miscellaneous	Total Energy Sold (GWh)
			(Low & Med. Voltage)	(High Voltage)						
Chandigarh	704.67	472.98	125.15	135.27	15.09	0.00	1.36	(B)	80.93	1535.45
Delhi	15430.54	7702.83	3051.59	390.29	366.45	499.59	33.43	386.33	1307.77	29168.82
Haryana	9623.26	4547.94	1831.47	12371.16	232.06	409.83	9714.29	1024.63	1262.79	41017.42
Himachal Pradesh	2080.47	614.56	207.58	5127.07	10.37	0.00	62.98	565.73	372.10	9040.86
Jammu & Kashmir	4013.45	1263.40	601.41	1256.45	59.32	23.17	349.00	701.00	1366.00	9633.20
Punjab	14163.80	3675.12	2909.50	14077.52	157.83	228.48	11268.38	823.90	2815.27	50119.80
Rajasthan	12506.43	4863.12	3149.57	12926.19	353.58	406.95	23300.35	1952.34	692.90	60151.43
Uttar Pradesh	39524.49	6501.05	4293.01	14662.78	938.79	2231.00	17362.03	1741.77	4100.11	91355.02
Uttarakhand	2823.78	1269.45	311.28	6033.79	59.03	26.81	450.19	378.24	190.76	11543.34
Sub-Total (NR)	100870.89	30910.45	16480.57	66980.53	2192.52	3825.83	62542.01	7573.94	12188.62	303565.35
Chhattisgarh	5214.97	1482.14	539.86	8496.59	94.49	983.48	5038.43	360.25	0.00	22210.21
Gujarat	15537.75	4157.85	16224.40	40731.82	312.10	743.05	14598.35	2207.79	1457.34	95970.44
Madhya Pradesh	13385.40	3141.30	1281.21	9810.58	419.24	1951.48	20283.80	1572.68	5126.55	56972.24
Maharashtra	28650.32	15274.24	9895.77	32860.10	1991.57	3070.35	34616.34	2851.11	3408.76	132618.57
Daman & Diu	132.58	51.30	197.46	2022.29	8.24	0.00	4.83	3.67	11.07	2431.44
D & N Haveli	122.16	34.20	216.07	5670.85	5.80	0.00	7.23	6.24	3.43	6065.98
Goa	1152.05	541.73	131.38	1877.09	2.66	0.00	26.37	0.00	55.85	3787.13
Sub-Total (WR)	64195.23	24682.77	28486.15	101469.32	2834.10	6748.37	74575.35	7001.73	10063.00	320056.02
Andhra Pradesh	14201.57	4724.61	5332.67	13162.93	553.73	1534.81	12838.59	579.52	2478.36	55406.79
Telangana	11422.32	5750.00	1243.48	12621.87	365.49	725.97	24077.04	604.00	1555.46	58365.62
Karnataka	12954.19	6553.68	2495.09	11718.75	1092.41	99.90	22788.19	3903.29	799.94	62405.45
Kerala	10927.01	2455.89	1186.05	3336.89	381.21	321.07	348.67	0.16	2456.77	21413.72
Tamil Nadu	26996.34	10281.76	8600.26	26532.44	1140.89	903.40	13077.16	1140.89	3115.19	91788.33
Puducherry	723.63	212.85	159.59	1450.91	27.58	0.00	59.97	0.00	19.29	2653.82
Lakshadweep	35.97	11.78	0.38	0.00	0.67	0.00	0.00	0.00	0.11	48.91
Sub-Total (SR)	77261.02	29990.58	19017.51	68823.80	3561.97	3585.15	73189.62	6227.86	10425.12	292082.63
Bihar	11505.49	2067.82	553.88	2582.40	62.15	1248.97	726.71	104.77	2004.21	20856.40
Jharkhand \$	5683.38	808.83	273.46	12852.48	110.33	757.83	210.36	0.00	487.75	21184.40
Odisha	7175.22	1833.48	384.30	6994.00	119.35	1203.34	558.89	154.54	949.71	19372.82
West Bengal \$	15478.10	6280.37	2279.45	16977.62	692.96	1467.94	1515.55	955.57	2642.16	48289.72
Sikkim	107.46	40.91	4.89	197.67	0.25	0.00	0.00	0.00	29.63	380.81
A & N Islands	133.86	60.29	20.99	0.00	6.72	0.00	1.02	0.00	31.79	254.68
Sub-Total (ER)	40083.51	11091.70	3516.97	39604.16	991.76	4678.08	3012.54	1214.88	6145.25	110338.83
Arunachal Pradesh	185.72	51.02	4.38	116.50	10.12	0.00	0.03	0.00	78.78	446.54
Assam	3677.50	1096.95	112.23	1529.67	15.97	0.00	46.71	86.16	702.98	7268.18
Manipur	376.78	66.14	20.86	9.04	9.89	0.00	2.12	21.18	106.77	612.78
Meghalaya	442.66	93.30	9.44	423.88	0.20	0.00	0.13	40.81	94.60	1105.02
Mizoram	244.62	61.04	2.39	11.97	2.67	0.00	0.00	68.58	16.50	407.76
Nagaland	380.43	97.56	67.07	0.00	14.87	0.00	0.00	10.38	108.83	679.14
Tripura	524.75	86.15	28.97	27.20	41.98	0.00	40.67	88.17	117.80	955.69
Sub-Total (NER)	5832.46	1552.16	245.32	2118.25	95.71	0.00	89.67	315.27	1226.26	11475.10
Total (All India)	288243.11	98227.65	67746.52	278996.06	9676.06	18837.43	213409.18	22333.67	40048.24	1037517.93

Note:- \$ -Includes DVC's sales to ultimate consumers in the State of Jharkhand & West Bengal area

B - Included under Industrial category

The details regarding region-wise power consumption during 2019-20

ELECTRICAL ENERGY SALES TO ULTIMATE CONSUMERS CATEGORY-WISE/STATE-WISE										
UTILITIES										
(GWh)										
State / UTs	Domestic	Commercial	Industrial Power		Public Lighting	Traction	Agriculture	Public Water Works & Sewage Pumping	Miscellaneous	Total Energy Sold
			(Low & Med. Voltage)	(High Voltage)						
Chandigarh	757.26	474.48	122.80	137.74	14.79	0.00	1.02	9.59	86.13	1603.81
Delhi	16461.49	7653.32	3008.70	383.84	353.93	221.00	37.36	389.20	1303.18	29812.02
Haryana	11077.81	4875.92	1800.72	12163.83	223.06	385.29	10371.16	1117.90	1366.38	43382.05
Himachal Pradesh	2193.69	623.00	89.57	5233.30	10.75	0.00	56.73	560.47	356.49	9123.99
Jammu & Kashmir	4445.60	1401.45	650.33	1398.80	62.85	22.82	368.00	748.00	1525.00	10622.85
Punjab	13612.80	3795.50	4136.01	14154.21	139.94	258.22	11581.56	0.00	1489.81	49168.06
Rajasthan	12660.82	4813.26	3011.19	11298.00	304.76	381.88	25664.75	2370.57	1436.72	61941.93
Uttar Pradesh	42249.05	6697.85	4371.56	11329.33	873.25	1683.94	18200.05	1747.56	7779.54	94932.13
Uttarakhand	3113.85	1396.93	311.94	6105.24	46.45	29.08	191.35	453.03	373.49	12021.35
Sub-Total (NR)	106572.37	31731.70	17502.82	62204.29	2029.77	2982.23	66471.96	7396.32	15716.74	312608.20
Chhattisgarh	5605.74	1563.46	557.61	8533.16	88.83	987.52	5082.35	374.40	0.00	22793.08
Gujarat	16100.60	5004.49	16615.52	39304.73	273.76	701.69	11989.83	2041.00	213.50	92245.12
Madhya Pradesh	14959.69	3254.32	1342.35	10143.12	403.71	2213.61	23016.94	1640.83	1653.86	58628.43
Maharashtra	29807.89	15739.56	9962.11	31582.52	1971.60	2659.73	29291.23	2871.74	1758.57	125644.95
Daman & Diu	146.33	49.75	204.61	2067.03	6.31	0.00	4.34	2.80	14.49	2495.67
D & N Haveli	154.02	36.60	219.44	5860.85	3.06	0.00	5.25	5.01	3.75	6287.98
Goa	1208.13	616.64	132.41	2063.54	2.90	0.00	27.29	0.00	53.28	4104.19
Sub-Total (WR)	67982.40	26264.82	29034.06	99554.95	2750.17	6562.55	69417.23	6935.78	3697.45	312199.42
Andhra Pradesh	15840.35	4929.56	2832.18	12462.27	296.71	1595.23	15338.12	955.32	2869.04	57118.77
Telangana	12382.38	6187.45	1193.45	12510.59	340.89	785.66	20820.54	867.88	4275.70	59364.54
Karnataka	13853.01	6861.97	1921.70	10338.87	1128.07	138.61	21823.07	3932.42	1132.92	61130.64
Kerala	11966.65	5166.96	1165.42	3131.47	369.38	323.67	360.47	0.26	664.65	23148.94
Tamil Nadu	29140.34	10942.37	9622.86	26255.44	1151.87	971.71	13828.26	1151.87	2854.36	95919.07
Puducherry	810.59	219.86	183.69	1396.60	23.41	0.00	55.32	0.00	24.31	2713.78
Lakshadweep	35.59	11.53	0.36	0.00	0.81	0.00	0.00	0.00	0.14	48.42
Sub-Total (SR)	84028.90	34319.71	16919.65	66095.23	3311.13	3814.88	72225.77	6907.75	11821.13	299444.17
Bihar	13497.50	2126.53	654.09	2690.05	106.21	1442.74	932.94	130.99	1127.53	22708.58
Jharkhand \$	5981.50	994.99	282.91	12980.14	127.87	1003.42	193.91	0.00	432.29	21997.03
Odisha	7522.81	2309.18	376.67	7038.65	229.46	1473.55	579.15	327.03	859.39	20715.89
West Bengal \$	17028.10	6671.22	2316.32	16701.54	770.23	1868.62	1398.75	1007.23	2719.53	50481.54
Sikkim	107.94	42.05	1.85	226.64	0.34	0.00	0.00	0.00	32.53	411.35
A & N Islands	143.16	70.45	12.82	0.00	6.73	0.00	1.12	0.00	34.23	268.50
Sub-Total (ER)	44281.02	12214.43	3644.66	39637.02	1240.84	5788.33	3105.87	1465.25	5205.49	116582.90
Arunachal Pradesh	167.38	51.53	4.42	117.67	10.22	0.00	0.03	0.00	67.44	418.69
Assam	3652.00	1078.00	113.80	1551.20	14.00	0.00	37.00	77.00	586.00	7109.00
Manipur	388.08	68.12	21.49	9.31	10.19	0.00	2.18	21.82	109.97	631.16
Meghalaya	465.19	99.19	5.84	544.40	0.12	0.00	0.31	41.86	102.57	1259.48
Mizoram	288.91	48.28	1.66	9.26	2.11	0.00	0.14	64.29	71.74	486.40
Nagaland	388.04	99.51	68.41	0.00	15.17	0.00	0.00	10.58	111.01	692.72
Tripura	531.07	71.83	17.23	22.88	48.09	0.00	34.38	66.48	122.25	914.22
Sub-Total (NER)	5880.67	1516.47	232.85	2254.72	99.90	0.00	74.05	282.03	1170.98	11511.67
Total (All India)	308745.36	106047.13	67334.04	269746.21	9431.81	19147.99	211294.89	22987.14	37611.79	1052346.36

Note:- \$ -Includes DVC's sales to ultimate consumers in the State of Jharkhand & West Bengal area

The details regarding region-wise power consumption during 2020-21

ELECTRICAL ENERGY SALES TO ULTIMATE CONSUMERS CATEGORY-WISE/STATE-WISE										
UTILITIES										
(GWh)										
State / UTs	Domestic	Commercial	Industrial Power		Public Lighting	Traction	Agriculture	Public Water Works & Sewage Pumping	Miscellaneous	Total Energy Sold
			(Low & Med. Voltage)	(High Voltage)						
Chandigarh	695.00	334.31	120.34	93.89	12.14	0.00	1.37	53.79	38.27	1349.09
Delhi	16439.52	5314.07	2341.12	478.12	328.09	77.50	39.44	644.37	657.00	26319.22
Haryana	11970.24	4005.99	2045.88	10758.18	168.01	286.00	10087.50	1148.41	1473.62	41943.83
Himachal Pradesh	2356.54	518.42	85.03	4687.42	10.48	0.00	72.64	602.92	301.86	8635.31
Jammu & Kashmir	4887.71	1707.24	238.23	925.37	127.03	9.40	361.57	779.59	948.17	9984.32
Punjab	15324.00	3465.00	3130.00	12586.94	210.00	122.80	13092.85	0.00	2354.10	50285.69
Rajasthan	14257.93	4092.87	2113.69	11537.33	339.07	231.50	28525.48	2584.76	1205.70	64888.34
Uttar Pradesh	43955.07	6285.63	3985.69	10251.79	732.82	1424.20	18931.27	1637.92	6395.68	93600.08
Uttarakhand	3207.31	1337.35	261.22	5442.36	53.27	25.10	189.99	498.45	210.00	11225.05
Sub-Total (NR)	113093.31	27060.90	14321.20	56761.40	1980.91	2176.50	71302.10	7950.21	13584.40	308230.92
Chhattisgarh	6447.32	1419.51	609.67	7514.40	98.47	908.45	5902.81	460.72	0.00	23361.34
Gujarat	16510.22	4314.36	14606.24	41125.28	152.05	433.21	12663.82	2108.36	362.34	92275.88
Madhya Pradesh	16790.81	3370.14	1291.37	9247.62	470.44	1806.89	25645.52	1378.99	952.35	60954.12
Maharashtra	30193.01	9546.78	9880.65	34151.33	1863.29	1996.29	33912.33	3047.29	1832.09	126423.05
Daman & Diu	138.24	39.87	184.48	1749.84	5.52	0.00	3.40	2.46	12.87	2136.68
D & N Haveli	149.28	32.65	193.09	4898.91	2.45	0.00	4.85	5.15	0.00	5286.39
Goa	1265.68	424.68	106.12	1810.00	26.29	0.00	31.25	0.00	36.18	3700.21
Sub-Total (WR)	71494.55	19147.98	26871.63	100497.38	2618.51	5144.84	78163.98	7002.96	3195.83	314137.68
Andhra Pradesh	17477.79	3051.17	2280.09	14267.29	214.66	1399.21	9368.73	630.92	3066.16	51756.03
Telangana	12806.97	4843.07	1228.28	11247.58	342.22	567.48	22260.11	980.72	3619.89	57896.31
Karnataka	15668.55	6759.47	1913.20	9741.96	1036.90	90.22	22337.19	3814.18	1421.45	62783.14
Kerala	12765.35	4267.62	1144.99	2925.81	379.75	168.69	412.02	0.25	534.29	22598.78
Tamil Nadu	32721.90	8976.93	9332.13	23512.06	1291.89	564.50	13974.68	1291.89	2926.06	94592.04
Puducherry	842.43	189.33	164.94	1300.14	23.23	0.00	68.57	0.00	14.50	2603.14
Lakshadweep	40.35	11.47	0.37	0.00	0.82	0.00	0.00	0.00	0.09	53.10
Sub-Total (SR)	92323.34	28099.07	16064.00	62994.85	3289.47	2790.10	68421.30	6717.96	11582.46	292282.54
Bihar	15045.49	2396.14	807.96	2762.59	83.94	1056.10	1149.30	216.22	590.64	24108.37
Jharkhand \$	6475.17	1033.02	309.91	11832.01	87.36	825.94	203.60	0.00	608.17	21375.17
Odisha	8420.21	2157.67	405.46	6025.33	240.37	1330.30	644.66	329.47	1056.10	20609.57
West Bengal \$	17536.06	5455.58	2142.09	15587.53	706.34	1344.23	1332.23	1033.23	3256.61	48393.90
Sikkim	115.38	30.00	2.20	242.58	0.30	0.00	0.00	0.00	24.31	414.77
A & N Islands	148.06	49.21	9.16	0.00	6.49	0.00	1.11	0.00	31.09	245.13
Sub-Total (ER)	47740.37	11121.62	3676.79	36450.03	1124.79	4556.57	3330.90	1578.92	5566.92	115146.91
Arunachal Pradesh	188.86	53.71	1.31	126.20	10.32	0.00	0.77	9.32	14.61	405.11
Assam	3784.98	1099.73	120.12	1570.73	18.65	0.00	39.00	80.38	642.70	7356.29
Manipur	429.03	75.82	18.90	11.72	5.13	0.00	7.08	21.07	82.55	651.30
Meghalaya	500.01	81.58	4.55	616.63	0.55	0.00	0.14	38.94	84.04	1326.45
Mizoram	276.24	52.72	4.06	5.54	2.11	0.00	0.16	82.45	30.26	453.54
Nagaland	390.03	85.15	63.35	0.00	20.94	0.00	0.00	10.41	112.69	682.57
Tripura	588.22	72.00	17.39	26.05	46.07	0.00	38.00	75.95	118.66	982.33
Sub-Total (NER)	6157.37	1520.71	229.69	2356.88	103.77	0.00	85.15	318.51	1085.50	11857.59
Total (All India)	330808.94	86950.28	61163.30	259060.54	9117.44	14668.02	221303.44	23568.57	35015.12	1041655.63

Note:- \$ -Includes DVC's sales to ultimate consumers in the State of Jharkhand & West Bengal area

The details regarding region-wise power consumption during 2021-22

ELECTRICAL ENERGY SALES TO ULTIMATE CONSUMERS CATEGORY-WISE/STATE-WISE										
UTILITIES										
(GWh)										
State / UTs	Domestic	Commercial	Industrial Power		Public Lighting	Traction	Agriculture	Public Water Works & Sewage Pumping	Miscellaneous	Total Energy Sold
			(Low & Med. Voltage)	(High Voltage)						
Chandigarh	709.35	383.25	108.86	93.10	13.51	0.00	1.43	15.22	84.61	1409.33
Delhi	16486.84	6002.04	2600.42	526.69	316.44	127.12	33.10	630.10	902.09	27624.83
Haryana	13326.72	3639.46	3132.87	13349.45	160.62	286.00	9123.54	1386.09	1630.96	46035.71
Himachal Pradesh	2457.51	621.88	87.38	5905.92	11.29	0.00	85.10	665.51	363.49	10198.09
Jammu & Kashmir	5429.22	1059.80	278.47	1065.77	132.26	9.40	375.42	631.28	1203.74	10185.37
Punjab	14790.47	3613.53	2871.94	16793.18	161.36	122.80	12572.46	643.98	1783.55	53353.27
Rajasthan	14072.38	4635.30	2382.51	15238.22	348.27	233.02	28816.56	2585.93	1291.46	69603.64
Uttar Pradesh	44480.20	6836.99	4391.92	11676.55	761.52	1424.20	18956.52	1767.31	7026.33	97321.54
Uttarakhand	3356.92	1390.10	341.83	6212.16	62.34	46.30	430.00	503.49	175.66	12518.80
Sub-Total (NR)	115109.59	28182.34	16196.20	70861.03	1967.63	2248.85	70394.12	8828.92	14461.89	328250.57
Chhattisgarh	6437.35	1605.87	674.79	8751.86	105.31	1159.65	5933.05	493.41	0.00	25161.29
Gujarat	16721.80	5099.38	17057.67	50312.07	184.13	435.79	13791.38	2212.92	336.52	106151.65
Madhya Pradesh	17295.60	3656.06	1430.89	10654.72	418.15	2648.21	26521.52	1861.47	1325.62	65812.24
Maharashtra	30729.85	11696.31	15934.44	37128.31	1305.12	2030.07	36253.20	3255.78	2837.03	141170.12
Daman & Diu	138.13	47.25	219.12	2054.60	5.05	0.00	3.37	2.74	12.10	2482.36
D & N Haveli	172.02	37.57	216.32	5940.29	2.98	0.00	5.25	5.51	0.00	6379.94
Goa	1279.43	501.30	114.77	2103.72	42.61	0.00	31.13	0.00	40.62	4113.58
Sub-Total (WR)	72774.18	22643.73	35648.01	116945.56	2063.35	6273.72	82538.90	7831.84	4551.89	351271.17
Andhra Pradesh	18188.55	4543.36	3118.67	15659.75	901.88	1219.20	14114.03	1094.99	3752.23	62592.64
Telangana	13324.34	5700.76	1230.20	13948.13	364.00	846.31	22159.18	1012.06	3568.87	62153.84
Karnataka	14109.13	5816.03	5055.15	7629.33	1141.68	98.47	21935.73	4182.56	991.55	60959.62
Kerala	12747.64	4828.98	1222.73	3506.36	364.61	330.07	384.69	0.31	546.08	23931.48
Tamil Nadu	33975.01	10339.44	9888.83	28277.81	1321.00	1062.00	13436.25	1321.00	2336.62	101957.96
Puducherry	806.72	204.88	164.39	1434.38	19.00	0.00	61.71	74.10	8.46	2773.64
Lakshadweep	37.00	11.43	0.00	0.90	0.82	0.00	0.00	0.00	0.09	50.25
Sub-Total (SR)	93188.38	31444.88	20679.96	70456.65	4113.00	3556.04	72091.59	7685.01	11203.90	314419.41
Bihar	16964.91	2566.93	677.67	2532.41	111.26	1056.10	1140.86	225.82	724.37	26000.33
Jharkhand \$	5921.33	984.01	316.93	14302.83	96.84	689.32	178.05	0.00	283.85	22773.15
Odisha	8329.46	2446.55	332.24	6894.63	145.05	1729.99	781.42	415.32	486.73	21561.37
West Bengal \$	18654.63	6367.30	2348.44	17929.50	749.16	1559.42	1224.59	1142.49	8122.21	58097.75
Sikkim	116.67	39.25	2.19	252.86	0.00	0.00	0.00	0.00	29.63	440.60
A & N Islands	148.02	63.28	11.45	0.00	6.78	0.00	1.18	0.00	36.59	267.30
Sub-Total (ER)	50135.03	12467.31	3688.92	41912.23	1109.08	5034.82	3326.10	1783.63	9683.38	129140.50
Arunachal Pradesh	207.78	64.38	2.89	208.81	0.00	0.00	0.06	8.00	26.33	518.25
Assam	4686.27	1093.58	96.59	1096.28	21.01	10.95	54.23	115.05	1346.09	8520.06
Manipur	489.90	91.23	19.83	12.29	5.23	0.00	7.19	22.21	83.83	731.70
Meghalaya	465.01	85.92	39.34	227.89	0.05	0.00	0.13	54.85	33.48	906.67
Mizoram	465.54	76.40	4.40	15.96	14.89	0.00	0.00	75.05	8.67	660.92
Nagaland	391.87	85.49	40.83	0.00	31.64	0.00	0.00	0.00	104.41	654.23
Tripura	641.93	86.09	36.65	10.88	53.63	0.00	39.15	84.11	98.62	1051.06
Sub-Total (NER)	7348.29	1583.09	240.53	1572.11	126.45	10.95	100.76	359.27	1701.44	13042.89
Total (All India)	338555.47	96321.34	76453.62	301747.58	9379.51	17124.38	228451.47	26488.66	41602.50	1136124.53

Note:- \$ -Includes DVC's sales to ultimate consumers in the State of Jharkhand & West Bengal area

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PARTS (c) to (e) OF UNSTARRED QUESTION NO. 3185 ANSWERED IN THE RAJYA SABHA ON 28.03.2023**

The anticipated All India Power Supply Position for the months of July, 2023 to September, 2023, as per the Load Generation Balance Report (LGBR)

Month	Energy Requirement	Energy Availability	Surplus(+) / Deficit(-)	
	(MU)	(MU)	(MU)	(%)
July, 2023	1,33,967	1,38,532	4,565	3.4
August, 2023	1,37,992	1,41,757	3,765	2.7
September, 2023	1,33,159	1,38,032	4,873	3.7

ANNEXURE-IV**ANNEXURE REFERRED TO IN REPLY TO PARTS (c) to (e) OF UNSTARRED QUESTION NO. 3185 ANSWERED IN THE RAJYA SABHA ON 28.03.2023**

The details of Capacity addition achieved during last 5 years and current year (upto February, 2023) from conventional sources and renewable energy sources

Financial Year	Capacity addition achieved from conventional sources (in MW)	RE capacity addition achieved from Renewable energy sources (in MW)	Total capacity addition achieved (in MW)
2017-18	9505	11778	21283
2018-19	5922	8619	14541
2019-20	7065	9386	16451
2020-21	5436	7406	12842
2021-22	4878	15452	20330
2022-23 (As on 28.02.2023)	780	12228	13008
