



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 15-Jan-19	Point No.
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1. Date-Wise Energy Availability, Consumption, OD(+)/UD(-), Peak Load, Avg. Frequency, Wind Gen. -JAN.- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
Jan-19										
01-Jan-19	2420.31	2181.55	2361.40	2034.77	19.42	24.27	12746	10247	49.99	106.15
02-Jan-19	2532.49	2157.73	2409.42	2043.75	-5.83	33.30	12825	10318	49.98	70.02
03-Jan-19	2571.00	2066.22	2397.15	2043.96	-6.34	34.42	12873	10454	49.96	119.93
04-Jan-19	2551.65	2166.85	2373.00	2117.18	2.75	14.98	12409	10520	49.96	88.43
05-Jan-19	2627.31	2158.12	2341.46	2135.66	12.57	10.61	11974	10861	50.00	115.22
06-Jan-19	2513.92	2241.69	2351.70	2099.71	-10.14	27.82	12321	10826	50.01	215.41
07-Jan-19	2520.82	2197.41	2398.83	2063.97	-14.88	14.74	12788	10686	50.00	136.50
08-Jan-19	2546.21	2195.81	2421.86	2099.65	3.38	20.95	12568	10848	49.99	80.09
09-Jan-19	2566.18	2178.85	2433.95	2102.77	-0.92	19.70	12358	11128	49.98	50.86
10-Jan-19	2614.79	2234.36	2381.98	2148.67	3.54	47.11	12108	11243	49.97	86.18
11-Jan-19	2661.39	2146.48	2439.40	2144.93	-9.45	33.31	12729	11267	49.96	70.43
12-Jan-19	2586.25	2190.31	2341.41	2175.42	1.22	33.89	11615	11210	49.97	112.36
13-Jan-19	2624.08	2213.90	2339.46	2143.79	-27.26	33.17	12323	11564	50.00	183.25
14-Jan-19	2523.81	2111.78	2308.81	2057.66	-23.62	-0.55	12086	11382	50.01	207.66
15-Jan-19	2558.56	1980.93								
16-Jan-19										
17-Jan-19										
18-Jan-19										
19-Jan-19										
20-Jan-19										
21-Jan-19										
22-Jan-19										
23-Jan-19										
24-Jan-19										
25-Jan-19										
26-Jan-19										
27-Jan-19										
28-Jan-19										
29-Jan-19										
30-Jan-19										
31-Jan-19										
MAXIMUM OF THE MONTH	2661.39	2241.69	2439.40	2175.42	19.42	47.11	12873.00	11564.00	50.01	215.41
MIN OF THE MONTH	2420.31	1980.93	2308.81	2034.77	-27.26	-0.55	11615.00	10247.00	49.96	50.86
AVERAGE	2561.25	2161.47	2378.56	2100.85	-3.97	24.84	12408.79	10896.71	49.98	117.32
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		

3. SYSTEM PARAMETERS AS ON 14-Jan-19

MAXIMUM DRAWL ON 14-Jan-19	12086 MW at 12.15-12.30 HRS 50.05 HZ
MINIMUM DRAWL ON 14-Jan-19	6570 MW at 04.00-04.15 Hrs 49.92 HZ
Max U/D of the day	950 MW at 16.15-16.30 Hrs 50.01 HZ
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	14
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	20
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	13
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	2

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	15-Jan-19	15-Jan-18		
Gandhi Sagar (Ft.)	1312	1250	1274.30	NA	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1139.32	#REF!	13796	13796
Jawahar Sagar (Ft.)	980	970.4	975.90	975.00	6954	11958
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1200	
Bhakra(Ft.)	1690	1462	1648.93	1625.97	15216	6101
Dehar (Ft.)	2941	2900	2923.62	2920.93	1747	1870
Pong(Ft.)	1421	1260	1357.07	1338.97	13611	2554
Mahi-I (Mts.)	281.5	259	276.30	276.95	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	217.55	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	14-Jan-19	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	676 MW at 05.15-05.30 Hrs 49.96 HZ		15-Jan-19	KTPS	239691 MT	12 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.40					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.40					
ABOVE 50.05 HZ	29.20					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0					
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0		15-Jan-19	CHHABRA	143943 MT	19 DAYS
Max O/D of the day	676 MW at 05.15-05.30 Hrs 49.96 HZ					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.40					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.40					
ABOVE 50.05 HZ	29.20					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0					
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0		15-Jan-19	KALISINDH	139639 MT	10 DAYS
Max O/D of the day	676 MW at 05.15-05.30 Hrs 49.96 HZ					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.40					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.40					
ABOVE 50.05 HZ	29.20					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0					
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

15-Jan-19

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
STATE SECTOR										
GIRAL	1	125.00	60	14.40	60	11-Jul-14	8.20		BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP	
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45		SHUTDOWN ANNUAL MAINTENANCE (VIDE RVUNL MSG. NO. 7679 AND OP/12/127 DT.07.12.2018)	
CTPP	1	250.00	225	54.00	225	17-Dec-18	18.57		EMERGENCY TRIPPED DUE TO HPH S LEVEL VERY HIGH (UNDER A/S VIDE OP/12/284 W.E.F. 00.00 HRS./19.12.18 FOR 21 DAYS)	
KTPS	2	110.00	100	0.95	0	28-Dec-18	23.49	15-Jan-18	0.59	SHUTDOWN FOR ANNUAL MAINTENANCE
Total(A)-STATE SECTOR-PLANNED OUTAGE										
		1065.00	914.00	196.35	814.00					
CENTRAL SECTOR										
AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28		RESERVE SHUTDOWN	
AURAIYA GPS	6	109.20	12	2.90	12	30-Nov-18	5.47		RESERVE SHUTDOWN-NON AVAILABILITY OF GAS	
AURAIYA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57		RESERVE SHUTDOWN-NON AVAILABILITY OF GAS	
DADRI GPS	6	154.51	16	3.90	16	22-Dec-18	11.18		RESERVE SHUTDOWN	
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE										
		486.19	58.00	14.10	58.00					
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
RAMGARH	STG1	37.50	10	3.00	10	28-Dec-18	0.37		MANUALLY DESYNCHRONISED DUE TO GRID FOR CONDENSER TUBE REPLACEMENT	
RAPP-A	2	200.00	150	36.00	150	11-Jan-19	14.43		TECHNICAL PROBLEM	
BTPP	1	125.00	110	26.40	110	12-Jan-19	23.41		REFRACTORY FAILURE	
RAMGARH	GT#1	35.50	29	0.80	0	13-Jan-19	10.00	14-Jan-19	11.00	FORCED S/D TO ATTEND AIR INTAKE SYSTEM DUE TO HEAVY FOG
RAJWEST	4	135.00	120	28.67	120	14-Jan-19	2.56		HEAVY BED MATERIAL LEAKAGE	
KALISINDH	2	600.00	565	135.00	565	14-Jan-19	9.47		BOILER TUBE LEAKAGE	
KTPS	5	210.00	192	1.92	0	14-Jan-19	21.56	15-Jan-19	1.03	REASON AWAITED
STPS	2	250.00	229	12.30	0	14-Jan-19	23.34	15-Jan-19	5.22	GENERATOR PROT.
Total(B) STATE SECTOR-FORCED OUTAGE										
		1878.00	1615.00	294.29	1165.00					
CENTRAL SECTOR										
DADRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11		RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS	
UNCHAHAR	6	500.00	NA	NA	NA	08-Jan-19	18.29	08-Jan-19	22.12	TRIPPED DUE TO DRUM LEVEL HIGH
SINGRAULI	4	200.00	34	8.20	34	09-Jan-19	12.10		BOILER TUBE LEAKAGE	
ANTA GPS	3	88.71	31	7.50	31	10-Jan-19	10.00		NON AVAILABILITY OF CHEAP GAS	
DADRI GPS	2	130.19	22	5.30	22	10-Jan-19	10.27		NON AVAILABILITY OF CHEAP GAS	
UNCHAHAR	6	500.00	NA	NA	NA	10-Jan-19	12.03	14-Jan-19	9.40	BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE										
		1049.09	109.00	26.30	109.00					
G.TOTAL				320.59	1274.00					

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).