



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

Power Position 31-May-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –MAY- 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
01-May-19	2587.01	2221.10	2333.40	2073.14	15.77	25.25	10532	9787	50.04	133.34
02-May-19	2578.13	2201.11	2296.45	2033.88	1.92	40.17	10735	9769	50.02	117.14
03-May-19	2514.71	2116.88	2262.99	1944.40	0.24	22.24	10543	9102	50.01	155.92
04-May-19	2461.47	2013.93	2211.06	2065.22	-10.55	46.27	10073	9513	49.99	180.40
05-May-19	2438.96	2135.51	2238.16	2132.98	-11.95	17.22	10238	9847	50.00	138.50
06-May-19	2567.07	2105.24	2230.25	2091.51	-12.28	-15.35	10239	9830	49.98	416.57
07-May-19	2542.97	2279.26	2306.47	2069.07	-13.73	9.10	10596	9791	49.98	440.84
08-May-19	2390.75	2102.96	2393.16	1904.55	-12.40	16.20	10747	9152	49.96	487.20
09-May-19	2600.98	2104.03	2461.88	2081.56	-2.62	38.48	10828	9916	49.95	440.60
10-May-19	2550.52	2017.42	2442.48	2114.70	2.08	67.29	10903	9842	50.00	306.54
11-May-19	2616.92	2147.62	2268.69	2266.35	-15.31	60.97	10490	10538	50.01	320.16
12-May-19	2439.10	2196.50	2051.85	2263.89	-2.59	10.26	9755	10453	50.00	202.27
13-May-19	2475.29	2284.00	2154.66	2182.11	-10.22	31.49	10215	10356	50.00	230.20
14-May-19	2384.00	2289.11	2127.13	2237.68	-0.14	55.96	10347	10666	49.99	361.07
15-May-19	2370.82	2249.49	2207.36	2217.49	-19.40	21.98	10567	10263	49.98	230.53
16-May-19	2408.74	2294.54	2120.00	2208.33	-14.76	18.20	10266	10165	50.00	179.81
17-May-19	2451.74	2252.09	1921.10	2260.98	-24.13	19.36	9640	10514	50.00	92.85
18-May-19	2410.41	2261.07	1948.69	2265.41	-7.40	6.64	9402	10359	49.99	76.90
19-May-19	2433.60	2199.14	2092.94	2257.53	-19.09	14.41	9684	10296	49.99	143.65
20-May-19	2332.62	2202.59	2269.20	2217.13	9.29	-11.50	10437	9965	49.93	100.09
21-May-19	2264.47	2330.45	2307.95	2296.20	29.81	9.89	10801	10496	49.96	77.71
22-May-19	2406.63	2384.00	2335.91	2364.94	17.62	11.21	10813	10723	50.00	141.43
23-May-19	2402.55	2344.60	2380.65	2338.18	-4.64	64.89	11293	10508	50.00	206.95
24-May-19	2607.77	2378.99	2340.31	2362.35	19.78	60.56	10698	10667	50.01	165.24
25-May-19	2409.67	2265.55	2388.15	2350.65	22.97	49.81	10884	10898	50.01	67.25
26-May-19	2634.25	2191.33	2363.22	2347.47	19.44	32.43	10960	10582	50.02	90.81
27-May-19	2726.18	2337.24	2481.48	2346.35	-14.52	44.61	11163	10766	49.97	117.07
28-May-19	2633.95	2279.11	2538.96	2346.51	12.23	68.16	11424	11033	49.99	115.96
29-May-19	2659.20	2357.25	2557.05	2427.14	-6.24	43.14	11711	11258	50.00	151.60
30-May-19	2658.36	2316.58	2508.18	2340.35	-11.07	37.16	11791	10978	50.02	137.44
31-May-19	2705.15	2359.55								
MAXIMUM OF THE MONTH	2726.18	2384.00	2557.05	2427.14	29.81	68.16	11791.00	11258.00	50.04	487.20
MIN OF THE MONTH	2264.47	2013.93	1921.10	1904.55	-24.13	-15.35	9402.00	9102.00	49.93	67.25
AVERAGE	2498.63	2228.62	2284.66	2213.60	-2.06	30.55	10592.50	10267.77	49.99	200.87
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2557.05	29-May-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							11791	(12.30-12.45 Hrs.)	30-May-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							487.20	08-May-19		
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54	13-Jun-18		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		30-May-19		
1	KTPS (1240/1240)	252.00	258.00	240.54
2	STPS (1500/1500)	328.00	328.00	289.14
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.21
5	RAPP-A(200/200)	30.00	30.00	36.74
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	355.00	302.00	317.65
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	411.32
11	WIND FARM (4139.20/4292.95)	141.50	136.00	137.44
12	SOLAR POWER(1661.70/2250.16)	171.46	168.07	143.57
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.42
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.11
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	24.28
18	RAJWEST (1080/1080)	201.00	201.00	200.28
	TOTAL (A) : 1-18	1950.96	1895.07	1849.71
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	33.58	34.47	33.85
b)	DEHAR (198/ 990)	27.38	26.02	25.68
c)	PONG (231.66/396)	22.81	22.81	22.72
	TOTAL : a TO c	83.78	83.30	82.25
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	82.93	93.33	91.76
e)	RIHAND (310.24/3000)	123.63	116.36	120.60
f)	UNCHAHAH-I(20/420)	4.33	4.90	2.84
g)	UNCHAHAH-II& III & IV(135.09/1130)	33.46	39.81	24.30
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.68	13.38	7.04
j)	DADRI GAS (77/830)	2.60	2.30	1.95
k)	ANTA (83.07/419)	0.00	0.00	0.12
l)	AURAIYA (61.03/663)	1.58	1.49	1.51
m)	NAPP (44/440)	8.80	8.85	8.85
n)	RAPP-B (125/440)	28.08	28.08	28.08
o)	RAPP-C (88/440)	18.92	18.92	18.92
p)	SALAL (20.36/690)	4.91	4.81	4.83
q)	URI (70.37/720)	16.36	11.75	11.75
r)	TANAKPUR (10.86/94)	1.52	1.46	1.71
s)	CHAMERA –I (105.84/540)	22.39	17.59	18.36
t)	CHAMERA-II (29.01/300)	6.64	6.64	6.64
u)	CHAMERA-III (25.21/231)	5.77	2.10	0.24
v)	DHAULIGANGA (27/280)	6.01	4.90	5.67
w)	DULHASTI (42.42/390)	6.48	6.48	6.48
x)	SEWA (13/120)	2.98	2.98	2.97
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	27.40	24.22	27.07
z)	TEHRI (75/1000)	3.02	3.83	3.84
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	14.70	12.52	14.70
ab)	TALA	0.85	0.77	0.77
ac)	MUNDRA UMPP (380/4000)	82.75	82.94	82.55
ad)	SASAN (372/3960)	69.51	84.26	77.51
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	14.58	22.64	21.95
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	685.66	700.63	675.30
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	685.66	700.63	675.30
21	BILATERAL (REG.) EXCL. BANKING	22.65	20.82	21.92
22	BANKING	-12.05	-12.05	-12.05
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.70	91.59	84.59
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-57.67
25	INDIAN ENERGY EXCHANGE	-44.77	-42.56	-42.56
	TOTAL(B): (19 TO 25)	754.19	763.30	669.54
	TOTAL GENERATION (A +B) : 1 TO 25			2519.24
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-11.07
	GRAND TOTAL	2705.15	2658.36	2508.18
	LAST YEAR	2359.55	2316.58	2340.35

3. SYSTEM PARAMETERS AS ON 30-May-19

MAXIMUM DRAWL ON 30-May-19	11791 MW at 12.30-12.45 HRS 50.04 HZ
MINIMUM DRAWL ON 30-May-19	8468 MW at 18.30-18.45 Hrs 50.01 HZ
Max U/D of the day	507 MW at 17.45 HRS 50.09 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	25
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	17
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	13
No. of Blocks in which Freq. >= 50.10	6
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	2
AVERAGE FREQ. FOR THE DAY 30-May-19	50.02 Hz
Max O/D of the day	409 MW at 07.45 Hrs 50.14 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	64.10
ABOVE 50.05 HZ	31.30
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	31-May-19	31-May-18		
Gandhi Sagar (Ft.)	1312	1250	1249.84	1269.76	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1135.38	1139.04	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.50	975.20	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.70	850.70		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1613.16	1491.76	24263	24402
Dehar (Ft.)	2941	2900	2924.67	2922.57	8360	8411
Pong(Ft.)	1421	1260	1335.69	1286.05	10007	3301
Mahi-I (Mts.)	281.5	259	267.95	269.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.50	217.40	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
31-May-19	KTPS	71575	3.5 days
31-May-19	STPS	305355	13.5 days
31-May-19	CHHABRA	222034	17.0 days
31-May-19	KALISINDH	267734	16.5 days

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

31-May-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 (SD 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	
BTPS	1	125.00	110	26.40	110	23-May-19	7.46		ANNUAL SHUTDOWN FOR 30 DAY	
CSCPP	5	660.00	600	144.00	600	27-May-19	0.10		ANNUAL SHUTDOWN FOR 30 DAY	
Total(A) STATE SECTOR- PLANNED OUTAGE		1240.00	1070.00	256.80	1070.00					
CENTRAL SECTOR										
AURAIYA GPS	2	111.19	18	4.40	18	12-Jan-19	9.53		RESERVE SHUTDOWN	
AURAIYA GPS	5	109.30	12	2.90	12	08-Jan-19	5.54		RESERVE SHUTDOWN	
AURAIYA GPS	1	111.19	18	4.40	18	11-Jan-19	10.06		RESERVE SHUTDOWN	
ANTA GPS	3	88.71	31	7.50	31	21-May-19	9.24		RESERVE SHUTDOWN	
ANTA GPS	2	88.71	31	7.50	31	29-May-19	6.34		RESERVE SHUTDOWN	
ANTA GPS	4	153.20	34	8.20	34	29-May-19	7.08		RESERVE SHUTDOWN	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		662.30	144.00	34.90	144.00					
(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	
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARHI	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
KALISINDH	2	600.00	565	135.00	565	04-Apr-19	14.01		ELECTRICAL FAULT	
RAJWEST	6	135.00	120	28.68	120	11-May-19	10.30		BED MATERIAL LEAKAGE	
CTPP	4	250.00	225	27.11	0	30-May-19	0.45	30-May-19	12.47	due to heavy leakage observed in drum water sampling line
KALISINDH	1	600.00	565	135.00	565	31-May-19	7.17		M/T DUE TO BTL	
Total(B) STATE SECTOR-FORCED OUTAGE		1870.00	1685.00	377.39	1460.00					
CENTRAL SECTOR										
RIHAND	4	500.00	59	14.20	59	27-May-19	14.40		BOILER TUBE LEAKAGE	
Total(B) CENTRAL SECTOR-FORCED OUTAGE		500.00	59.00	14.20	59.00					
G.TOTAL				391.59	1519.00					

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 (S).