



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

Power Position 22-Jul-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –JULY- 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-Jul-19	2723.55	2023.96	2479.41	1686.45	-20.57	19.60	11450	8169	50.00	362.62
02-Jul-19	2722.65	1989.50	2375.06	1889.40	3.09	45.32	11015	8916	50.00	179.49
03-Jul-19	2710.57	2044.42	2426.13	2087.29	-13.63	49.37	11113	9356	49.98	268.53
04-Jul-19	2642.13	2323.23	2351.10	2105.51	-23.61	23.77	11114	9895	50.00	452.62
05-Jul-19	2665.52	2256.27	2208.58	2151.11	5.96	28.91	9971	9977	50.01	401.17
06-Jul-19	2571.28	2195.52	2166.18	2196.72	-8.45	29.18	9859	10408	50.01	450.94
07-Jul-19	2450.11	2251.03	2014.57	2326.63	8.90	12.62	9154	10550	50.03	412.15
08-Jul-19	2442.44	2358.71	2181.81	2310.49	-14.61	10.75	10064	10729	50.01	515.08
09-Jul-19	2547.98	2455.12	2257.51	2422.78	-10.75	14.10	10549	11057	50.03	636.81
10-Jul-19	2621.75	2432.08	2439.74	2408.90	22.51	18.44	10867	10937	50.03	668.58
11-Jul-19	2701.57	2416.19	2426.14	2313.10	6.91	-4.34	11346	10493	50.00	671.68
12-Jul-19	2673.98	2389.65	2495.07	2198.12	1.80	11.15	11632	10184	49.98	635.79
13-Jul-19	2688.24	2291.58	2553.63	1989.75	0.25	17.34	11820	8926	50.01	674.01
14-Jul-19	2747.24	2117.48	2505.45	1979.92	-3.84	1.32	11579	9056	50.02	742.55
15-Jul-19	2769.88	2052.15	2561.92	1863.72	-1.41	12.17	11954	8456	50.03	689.38
16-Jul-19	2877.81	2090.06	2644.29	1908.45	-4.66	7.70	11958	8608	50.02	669.04
17-Jul-19	3028.94	2071.72	2615.80	1869.32	9.94	22.48	11700	8770	49.96	420.79
18-Jul-19	2813.92	2127.08	2452.80	1869.62	-31.37	-5.83	11247	8377	49.96	334.95
19-Jul-19	2710.85	1996.23	2399.00	1731.90	21.71	5.84	11105	7862	50.01	137.96
20-Jul-19	2805.86	1843.29	2442.40	1729.04	21.74	4.60	11128	8056	50.01	80.38
21-Jul-19	2635.45	1943.59	2377.59	1711.09	18.01	9.33	10957	7675	49.99	76.68
22-Jul-19	2571.73	1942.52								
23-Jul-19										
24-Jul-19										
25-Jul-19										
26-Jul-19										
27-Jul-19										
28-Jul-19										
29-Jul-19										
30-Jul-19										
31-Jul-19										
MAXIMUM OF THE MONTH	3028.94	2455.12	2644.29	2422.78	22.51	49.37	11958.00	11057.00	50.03	742.55
MIN OF THE MONTH	2442.44	1843.29	2014.57	1686.45	-31.37	-5.83	9154.00	7675.00	49.96	76.68
AVERAGE	2687.43	2164.15	2398.77	2035.68	-0.58	15.90	11027.71	9355.10	50.00	451.49
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55	11-Jun-19		
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-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.)							742.55	14-Jul-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	227.00	218.00	180.04	227.00	227.00	176.04	217.00	227.00	185.82
2	STPS (1500/1500)	271.00	265.00	231.80	216.00	271.00	218.37	216.00	216.00	185.90
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.44	20.00	21.00	19.21	20.00	20.00	19.29
5	RAPP-A(200/200)	35.00	35.00	39.77	35.00	35.00	39.58	35.00	35.00	39.55
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.34	0.00	0.00	2.04	0.00	0.00	0.19
8	SSCTPS#7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	413.00	310.00	283.92	419.00	413.00	361.64	428.00	419.00	413.54
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	540.00	556.00	497.00	554.00	540.00	479.72	420.00	554.00	449.54
11	WIND FARM (4139.20/4292.95)	137.00	248.00	137.97	62.50	137.00	80.38	83.00	62.50	76.68
12	SOLAR POWER(1661.70/2250.16)	167.90	148.72	152.73	152.73	167.90	148.86	148.86	152.73	134.83
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	19.30	0.00	0.00	27.69	0.00	0.00	24.76
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	6.00	6.77	8.00	7.00	8.33	6.00	8.00	6.35
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.36	26.00	26.00	26.27	26.00	26.00	26.14
18	RAJWEST (1080/1080)	201.00	201.00	185.43	143.00	201.00	169.13	143.00	143.00	126.59
	TOTAL (A) : 1-18	2045.90	2034.72	1780.87	1863.23	2045.90	1757.26	1742.86	1863.23	1689.18
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	25.65	26.65	26.27	28.29	25.65	28.12	32.83	28.29	29.13
b)	DEHAR (198/ 990)	26.92	26.92	27.24	26.68	26.92	26.85	26.90	26.68	26.56
c)	PONG (231.66/396)	11.62	1.89	5.47	22.02	11.62	22.28	25.06	22.02	25.39
	TOTAL : a TO c	64.18	55.45	58.99	76.99	64.18	77.24	84.79	76.99	81.08
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)+SINGRAULI SHEP (1.87/8.00)	91.13	89.97	90.15	91.11	91.13	89.22	92.14	91.11	84.24
e)	RIHAND (310.24/3000)	77.57	90.42	84.18	77.57	77.57	77.98	77.68	77.57	74.95
f)	UNCHAHAAR-I(20/420)	5.72	2.16	1.40	4.48	5.72	1.38	6.13	4.48	2.79
g)	UNCHAHAAR-II& III & IV(135.09/1130)	47.30	31.70	13.71	35.91	47.30	18.01	46.38	35.91	22.26
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	16.37	11.58	4.60	13.17	16.37	4.59	17.08	13.17	8.88
j)	DADRI GAS (77/830)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	8.89	8.89	8.89	8.89	8.89	8.89	8.76	8.89	8.89
n)	RAPP-B (125/440)	27.90	27.82	27.82	27.90	27.90	27.90	27.86	27.90	27.90
o)	RAPP-C (88/440)	18.86	18.86	18.86	19.09	18.86	18.86	19.12	19.09	19.09
p)	SALAL (20.36/690)	4.76	4.76	4.69	4.76	4.76	4.71	4.43	4.76	4.41
q)	URI (70.37/720)	16.27	16.27	16.27	16.25	16.27	16.25	16.27	16.25	16.25
r)	TANAKPUR (10.86/94)	2.41	2.41	2.41	2.41	2.41	2.42	2.35	2.41	2.44
s)	CHAMERA –I (105.84/540)	24.58	24.58	24.58	24.58	24.58	24.58	24.62	24.58	24.58
t)	CHAMERA-II (29.01/300)	6.71	6.34	6.34	6.71	6.71	6.71	6.73	6.71	6.72
u)	CHAMERA-III (25.21/231)	5.70	5.69	5.69	5.70	5.70	5.70	5.70	5.70	5.70
v)	DHAULIGANGA (27/280)	6.16	6.16	6.16	5.91	6.16	6.16	6.17	5.91	5.86
w)	DULHASTI (42.42/390)	8.08	8.08	8.08	2.06	8.08	8.08	6.73	2.06	1.70
x)	SEWA (13/120)	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.88
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.65	35.65	35.65	35.65	35.65	35.65	35.70	35.65	35.65
z)	TEHRI (75/1000)	3.54	4.44	4.36	3.54	3.54	3.54	3.54	3.54	3.54
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	27.64	27.92	28.82	27.40	27.64	28.11	27.90	27.40	28.84
ab)	TALA	3.57	3.51	3.51	3.57	3.57	3.57	3.50	3.57	3.48
ac)	MUNDRA UMPP (380/4000)	45.32	43.65	44.65	52.46	45.32	44.93	52.66	52.46	48.98
ad)	SASAN (372/3960)	69.02	69.02	69.02	69.02	69.02	69.02	84.07	69.02	70.90
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.39	25.93	24.81	29.13	28.39	26.22	29.17	29.13	23.97
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(A TO af)	647.38	622.92	595.32	645.91	647.38	611.41	691.15	645.91	614.97
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	647.38	622.92	595.32	645.91	647.38	611.41	691.15	645.91	614.97
21	BILATERAL (REG.) EXCL. BANKING	33.15	30.42	28.05	33.15	33.15	28.18	32.46	33.15	28.03
22	BANKING	-7.08	-7.08	-7.08	-7.08	-7.08	-7.08	-7.08	-7.08	-7.08
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	137.70	118.61	114.00	137.91	137.70	134.64	132.85	137.91	118.40
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-45.12	0.00	0.00	-52.57	0.00	0.00	-46.24
25	INDIAN ENERGY EXCHANGE	-51.18	-88.73	-88.73	-37.67	-51.18	-51.18	-20.51	-37.67	-37.67
	TOTAL(B): (19 TO 25)	759.96	676.13	596.43	772.22	759.96	663.40	828.87	772.22	670.41
	TOTAL GENERATION (A + B) : 1 TO 25			2377.29			2420.66			2359.59
	OVER DRAWAL (+)/UNDER DRAWAL (-)			21.71			21.74			18.01
	GRAND TOTAL	2805.86	2710.85	2399.00	2635.45	2805.86	2442.40	2571.73	2635.45	2377.59
	LAST YEAR	1843.29	1726.06	1731.91	1943.59	1843.29	1729.04	1942.52	1943.59	1711.10

3. SYSTEM PARAMETERS AS ON 21-Jul-19

MAXIMUM DRAWL ON 21-Jul-19	10957 MW at 13.00-13.15 HRS 49.99 HZ
MINIMUM DRAWL ON 21-Jul-19	8207 MW at 19.00-19.15 Hrs 49.86 HZ
Max U/D of the day	603 MW at 15.45-16.00 HRS 50.07 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	38
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	39
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 21-Jul-19	49.99 HZ
Max O/D of the day	793 MW at 12.45-13.00 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.10
LESS THAN 49.90 HZ	10.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.70
ABOVE 50.05 HZ	19.20
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	22-Jul-19	21-Jul-19		
Gandhi Sagar (Ft.)	1312	1250	1261.63	1273.73	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1137.84	1141.40	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.40	974.30	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.00	851.80		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1631.22	1526.25	19837	37825
Dehar (Ft.)	2941	2900	2925.32	2925.13	8417	19374
Pong(Ft.)	1421	1260	1332.41	1289.84	11016	16884
Mahi-I (Mts.)	281.5	259	273.35	272.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.00	217.20	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
22-Jul-19	KTPS	132806	7 DAYS
	STPS	123205	5.5 DAYS
	CHHABRA	122584	9.5 DAYS
	KALISINDH	66831	4 DAYS

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

22-Jul-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
CTPP	2	250.00	225	54.00	225	04-Jul-19	0.06			under annual shutdown
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06			ANNUAL SHUTDOWN W.E.F. 11.07.19 FOR PERIOD OF 20 DAYS
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02			ANNUAL S/D FOR 37 DAYS
Total(A)-STATE SECTOR-PLANNED OUTAGE			1150.00	989.00	237.40	989.00				

CENTRAL SECTOR

AURAYA GPS	2	111.19	18	4.40	18	30-May-19	18.01			NON AVAILABILITY OF CHEAP GAS
AURAYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50			NON AVAILABILITY OF CHEAP GAS
ANTA GPS	2	88.71	31	7.50	31	15-Jun-19	6.15			RESERVE SHUTDOWN
RIBAND	4	500.00	59	14.20	59	16-Jun-19	0.48			MAJOR OVERHAULING(45 DAYS)
AURAYA GPS	3	111.19	18	4.40	18	23-Jun-19	8.37			RESERVE SHUTDOWN
AURAYA GPS	4	111.19	18	4.40	18	23-Jun-19	8.38			RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.90	12	23-Jun-19	8.43			RESERVE SHUTDOWN
DADRI GPS	6	154.51	88	21.00	88	27-Jun-19	1.55			RESERVE SHUTDOWN
DADRI GPS	3	130.19	22	5.30	22	01-Jul-19	21.15			RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.30	22	02-Jul-19	0.16			RESERVE SHUTDOWN
DADRI GPS	5	154.51	88	21.00	88	10-Jul-19	16.53			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	10-Jul-19	17.02			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	20-Jul-19	0.19			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	20-Jul-19	0.24			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	20-Jul-19	0.48			RESERVE SHUTDOWN
Total(B)-CENTRAL SECTOR-PLANNED OUTAGE			2172.98	512.00	123.30	512.00				

(B) FORCE OUTAGE

STATE SECTOR

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	STGr2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAJWEST	3	135.00	120	28.68	120	24-Jun-19	19.35			ELECTRICAL FAULT
BTPP	2	125.00	110	26.40	110	03-Jul-19	18.15			due to suspected refractory failure
RAJWEST	4	135.00	120	28.68	120	20-Jul-19	13.13			BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	20-Jul-19	16.01			DUE TO BTL
RAJWEST	6	135.00	120	28.68	120	20-Jul-19	21.12			BED MATERIAL LEAKAGE
KALISINDH	2	600.00	565	135.60	565	21-Jul-19	14.08			generator stator earth fault in R-Phase
Total(B)-STATE SECTOR-FORCED OUTAGE			1665.00	1474.00	353.44	1474.00				

CENTRAL SECTOR

AURAYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			109.30	12.00	2.90	12.00				

G.TOTAL 356.34 1486.00

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 (\$).