



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

Power Position 29-Jul-19	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	2422.54	1536.83	-1.59	-3.12	11095	7338	49.97	82.60
23-Jul-19	2575.12	1783.23	2513.98	1657.32	97.35	16.80	11444	7733	49.98	64.66
24-Jul-19	2567.50	1795.40	2577.83	1707.65	19.71	17.52	12351	7836	50.03	406.73
25-Jul-19	2756.90	1961.68	2192.93	1748.60	-40.51	-8.45	10194	8040	50.02	598.29
26-Jul-19	2614.88	1917.54	2182.89	1713.41	-9.51	0.73	9859	8009	50.00	408.76
27-Jul-19	2484.29	1967.98	1936.75	1774.58	-39.09	30.14	9184	8151	50.01	265.97
28-Jul-19	2269.20	1936.93	1592.48	1851.34	-79.98	5.49	7521	8627	50.02	123.65
29-Jul-19	2211.12	2000.92								
30-Jul-19										
31-Jul-19										
MAXIMUM OF THE MONTH	3028.94	2455.12	2644.29	2422.78	97.35	49.37	12351.00	11057.00	50.03	742.55
MIN OF THE MONTH	2211.12	1783.23	1592.48	1536.83	-79.98	-8.45	7521.00	7338.00	49.96	64.66
AVERAGE	2641.46	2102.59	2349.77	1954.97	-2.35	14.03	10829.64	9006.82	50.00	408.28
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)	217.00	165.00	133.26	175.00	217.00	160.91	88.00	175.00	95.38
2	STPS (1500/1500)	235.00	108.00	90.65	172.00	235.00	165.67	110.00	172.00	98.56
3	DHOLPUR GAS CCGP (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)	20.00	20.00	19.54	20.00	20.00	19.24	20.00	20.00	19.55
5	RAPP-A(200/200)	35.00	35.00	38.24	35.00	35.00	38.56	35.00	35.00	39.02
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	1.54	0.00	0.00	5.98	0.00	0.00	12.94
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)	468.00	422.00	352.22	490.00	468.00	362.25	490.00	490.00	367.50
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	278.00	278.00	227.01	280.00	278.00	204.03	280.00	280.00	205.42
11	WIND FARM (4139.20/4292.95)	236.00	558.00	408.76	158.00	236.00	265.97	131.00	158.00	123.66
12	SOLAR POWER(1661.70/2250.16)	120.58	170.66	133.55	133.55	120.58	135.93	135.93	133.55	59.75
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	22.38	0.00	0.00	21.25	0.00	0.00	0.00
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)	3.00	3.00	2.84	5.00	3.00	4.82	5.00	5.00	4.89
17	BARSINGHAR LTPS(250/250)	48.00	26.00	29.28	51.00	48.00	46.79	51.00	51.00	45.28
18	RAJWEST (1080/1080)	172.00	171.00	120.82	172.00	172.00	89.44	199.00	172.00	88.65
	TOTAL (A) : 1-18	1832.58	1956.66	1580.09	1691.55	1832.58	1520.83	1544.93	1691.55	1160.60
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	28.46	25.97	26.77	27.10	28.46	28.33	32.90	27.10	29.43
b)	DEHAR (198/ 990)	26.41	28.98	28.29	27.06	26.41	26.35	27.24	27.06	27.19
c)	PONG (231.66/396)	25.37	14.42	23.23	14.79	25.37	16.69	25.67	14.79	24.30
	TOTAL : a TO c	80.24	69.37	78.29	68.94	80.24	71.37	85.81	68.94	80.92
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	38.95	78.12	73.47	33.12	38.95	7.50	52.86	33.12	29.19
e)	RIHAND (310.24/3000)	58.61	90.00	85.14	49.23	58.61	22.60	77.73	49.23	35.99
f)	UNCHAHAAR-I(20/420)	5.58	5.55	8.70	5.44	5.58	2.72	4.05	5.44	2.66
g)	UNCHAHAAR-II& III & IV(135.09/1130)	39.38	41.72	40.73	21.36	39.38	14.34	16.95	21.36	18.11
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	13.70	15.02	19.58	15.18	13.70	4.32	11.43	15.18	7.63
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	4.33	0.00	0.43	3.98	4.33	3.27
m)	NAPP (44/440)	8.81	8.58	8.58	8.79	8.81	8.81	8.80	8.79	8.79
n)	RAPP-B (125/440)	27.61	27.45	27.45	27.77	27.61	27.61	28.05	27.77	27.77
o)	RAPP-C (88/440)	18.89	18.89	18.89	18.89	18.89	18.89	18.82	18.89	18.89
p)	SALAL (20.36/690)	2.00	4.65	4.57	4.74	2.00	1.44	4.76	4.74	4.76
q)	URI (70.37/720)	10.64	13.27	6.36	12.62	10.64	5.83	13.78	12.62	7.82
r)	TANAKPUR (10.86/94)	2.42	2.38	2.38	2.42	2.42	2.35	2.42	2.42	2.43
s)	CHAMERA –I (105.84/540)	24.62	24.62	24.62	24.62	24.62	24.62	24.65	24.62	24.62
t)	CHAMERA-II (29.01/300)	6.73	6.73	6.73	6.73	6.73	6.73	6.74	6.73	6.73
u)	CHAMERA-III (25.21/231)	5.70	5.70	5.69	5.70	5.70	5.72	5.73	5.70	5.72
v)	DHAULIGANGA (27/280)	6.17	6.17	6.17	6.17	6.17	6.17	6.18	6.17	6.17
w)	DULHASTI (42.42/390)	8.09	8.09	8.09	8.09	8.09	8.09	8.10	8.09	8.09
x)	SEWA (13/120)	1.57	2.98	2.98	3.16	1.57	2.31	3.16	3.16	3.16
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.70	35.70	35.70	35.70	35.70	35.70	35.74	35.70	35.70
z)	TEHRI (75/1000)	3.66	3.63	3.63	3.75	3.66	3.66	3.77	3.75	3.75
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	27.83	27.36	28.73	28.13	27.83	29.31	28.17	28.13	29.26
ab)	TALA	3.41	3.82	3.80	3.82	3.41	3.34	3.83	3.82	3.81
ac)	MUNDRA UPPP (380/4000)	30.27	40.78	28.84	30.27	30.27	0.93	33.72	30.27	4.98
ad)	SASAN (372/3960)	68.05	69.72	69.27	46.06	68.05	36.49	71.72	46.06	19.17
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	17.32	17.49	11.13	17.27	17.32	2.66	16.48	17.27	4.60
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)	545.97	627.81	609.52	492.31	545.97	353.95	577.45	492.31	403.97
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	545.97	627.81	609.52	492.31	545.97	353.95	577.45	492.31	403.97
21	BILATERAL (REG.) EXCL. BANKING	31.76	31.72	30.16	30.17	31.76	28.97	30.26	30.17	28.72
22	BANKING	-7.08	-7.08	-7.08	-7.08	-7.08	-7.08	-7.07	-7.08	-7.08
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	90.09	91.63	87.35	104.45	90.09	72.81	105.20	104.45	90.00
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-21.77	0.00	0.00	15.39	0.00	0.00	38.44
25	INDIAN ENERGY EXCHANGE	-9.02	-85.86	-85.86	-42.19	-9.02	-9.02	-39.65	-42.19	-42.19
	TOTAL(B): (19 TO 25)	651.71	658.23	612.31	577.65	651.71	455.01	666.19	577.65	511.86
	TOTAL GENERATION (A +B) : 1 TO 25			2192.40			1975.84			1672.46
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-9.51			-39.09			-79.98
	GRAND TOTAL	2484.29	2614.88	2182.89	2269.20	2484.29	1936.75	2211.12	2269.20	1592.48
	LAST YEAR	1967.98	1917.54	1713.41	1936.93	1967.98	1774.59	2000.92	1936.93	1851.34

3. SYSTEM PARAMETERS AS ON 28-Jul-19

MAXIMUM DRAWL ON 28-Jul-19	7521 MW at 20.30-20.45HRS 49.99 HZ
MINIMUM DRAWL ON 28-Jul-19	5900 MW at 06.00-06.15 Hrs 49.99 HZ
Max U/D of the day	1175 MW at 05.15-05.30HRS 50.02 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	24
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	46
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	27
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	22
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	19
No. of Blocks in which Freq. >= 50.10	4
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 28-Jul-19	50.02 HZ
Max O/D of the day	741 MW at 19.00-19.15 Hrs 49.93 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.80
ABOVE 50.05 HZ	30.90
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.	29-Jul-19	29-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1265.88	1294.27	NIL	46684
R.P.Sagar (Ft.)	1157.5	1128	1139.54	1142.60	NIL	4211
Jawahar Sagar (Ft.)	980	970.4	973.40	972.70	3861	1359
Kota Barrage(Ft.)	854.5	852.3	852.80	850.10		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1643.59	1560.68	20043	50527
Dehar (Ft.)	2941	2900	2925.45	2920.40	8550	23364
Pong(Ft.)	1421	1260	1337.51	1308.56	11006	27142
Mahi-I (Mts.)	281.5	259	273.60	273.70	NIL	2295
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
29-Jul-19	KTPS	127018	6.5 DAYS
	STPS	83115	3.5 DAYS
	CHHABRA	143645	11 DAYS
	KALISINDH	60408	3.5 DAYS

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

29-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
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 SD FOR 37 DAYS
ADANI	2	660.00	600	144.00	600	25-Jul-19	23.59			ANNUAL SD FOR 20 DAYS
STPS	2	250.00	229	55.00	229	27-Jul-19	12.11			BOXED UP
STPS	3	250.00	229	48.12	229	28-Jul-19	2.58			BOXED UP
KTPS	3	210.00	192	34.02	192	28-Jul-19	6.15			BOXED UP
STPS	6	250.00	229	55.00	229	28-Jul-19	7.12			BOXED UP
KTPS	1	110.00	100	23.00	100	28-Jul-19	8.20			BOXED UP
KTPS	2	110.00	100	23.00	100	28-Jul-19	8.44			BOXED UP
KTPS	4	210.00	192	46.00	192	28-Jul-19	12.12			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		2520.00	2243.00	519.54	2243.00					
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
RIBAND	4	500.00	59	14.20	59	16-Jun-19	0.48			MAJOR OVERHAULING(45 DAYS)
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	24-Jul-19	4.35			RESERVE SHUTDOWN
DADRI GPS	4	130.19	22	5.30	22	24-Jul-19	9.17			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	24-Jul-19	9.22			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	24-Jul-19	9.47			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	24-Jul-19	9.54			RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	24-Jul-19	10.02			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	24-Jul-19	10.21			RESERVE SHUTDOWN
DADRI GPS	5	154.51	88	21.00	88	24-Jul-19	10.30			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	24-Jul-19	10.44			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1971.49	486.00	116.90	486.00					
(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-4
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
RAJWEST	3	135.00	120	1.69	0	24-Jun-19	19.35	29-Jul-19	1.25	ELECTRICAL FAULT
KALISINDH	2	600.00	565	135.00	565	18-Jul-01	14.08			generator stator earth fault in R-Phase
RAJWEST	5	135.00	120	28.68	120	26-Jul-19	0.04			DUE TO CONDENSER TUBE
KTPS	7	195.00	175	0.00	0	28-Jul-19	15.01	28-Jul-19	21.29	DUE TO FLEM FAILURE
CTPP	2	250.00	225	40.80	225	29-Jul-19	5.52			DUE TO BTL
Total(B) STATE SECTOR-FORCED OUTAGE		1600.00	1415.00	257.17	1120.00					
CENTRAL SECTOR										
AURAYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
UNCHAHAR TPS	2	210.00	24	5.70	24	22-Jul-19	23.50			BOILER TUBE LEAKAGE
UNCHAHAR TPS	1	210.00	11	2.70	11	23-Jul-19	2.25			FURNACE PRESSURE LOW
SINGRAULI	6	500.00	85	20.50	85	27-Jul-19	1.52			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1029.30	132.00	31.80	132.00					
G.TOTAL				288.97	1252.00					

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 (\$).										
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