



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

Power Position 12-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								
13-Jul-19										
14-Jul-19										
15-Jul-19										
16-Jul-19										
17-Jul-19										
18-Jul-19										
19-Jul-19										
20-Jul-19										
21-Jul-19										
22-Jul-19										
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	2723.55	2455.12	2479.41	2422.78	22.51	49.37	11450.00	11057.00	50.03	671.68
MIN OF THE MONTH	2442.44	1989.50	2014.57	1686.45	-23.61	-4.34	9154.00	8169.00	49.98	179.49
AVERAGE	2622.79	2261.31	2302.38	2172.58	-4.02	22.52	10591.09	10044.27	50.01	456.33
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	3.15-23.30 Hrs.)	07-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		

MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)	671.68	11-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
			11-Jul-19	
1	KTPS (1240/1240)	52.00	88.00	74.31
2	STPS (1500/1500)	108.00	108.00	77.36
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.46
5	RAPP-A(200/200)	35.00	35.00	39.61
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)	297.00	291.00	258.41
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	407.00	407.00	307.93
11	WIND FARM (4139.20/4292.95)	623.00	585.00	671.68
12	SOLAR POWER(1661.70/2250.16)	160.68	138.05	133.94
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.46
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	7.00	6.36
17	BARSINGHAR LTPS(250/250)	26.00	26.00	23.18
18	RAJWEST (1080/1080)	173.00	201.00	125.96
	TOTAL (A) : 1-18	1908.68	1907.05	1763.66
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	46.38	46.01	45.39
b)	DEHAR (198/ 990)	26.69	27.91	27.47
c)	PONG (231.66/396)	26.50	22.90	21.47
	TOTAL : a TO c	99.56	96.83	94.32
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	91.49	84.43	69.69
e)	RIHAND (310.24/3000)	87.35	88.63	76.50
f)	UNCHAHAHAR-I(20/420)	4.84	5.03	1.96
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	35.31	31.71	18.93
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.19	11.34	2.86
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.76	8.76	8.76
n)	RAPP-B (125/440)	27.93	27.93	27.93
o)	RAPP-C (88/440)	18.88	18.88	18.88
p)	SALAL (20.36/690)	4.76	4.75	4.78
q)	URI (70.37/720)	16.28	16.28	16.22
r)	TANAKPUR (10.86/94)	2.33	2.24	2.17
s)	CHAMERA –I (105.84/540)	24.61	24.23	24.45
t)	CHAMERA-II (29.01/300)	6.72	6.72	6.71
u)	CHAMERA-III (25.21/231)	5.61	5.61	5.64
v)	DHAULIGANGA (27/280)	6.17	6.17	6.17
w)	DULHASTI (42.42/390)	8.09	8.09	8.09
x)	SEWA (13/120)	1.26	1.26	1.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.68	35.68	35.68
z)	TEHRI (75/1000)	4.87	3.68	3.68
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	29.03	28.18	29.65
ab)	TALA	3.74	3.51	3.51
ac)	MUNDRA UMPP (380/4000)	52.64	46.03	29.18
ad)	SASAN (372/3960)	68.80	68.66	56.83
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.91	16.99	11.40
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	678.80	651.63	565.24
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	678.80	651.63	565.24
21	BILATERAL (REG.) EXCL. BANKING	26.05	26.05	26.05
22	BANKING	-7.08	-7.08	-7.08
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	137.54	136.10	117.07
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-33.54
25	INDIAN ENERGY EXCHANGE	-70.03	-12.18	-12.18
	TOTAL(B): (19 TO 25)	765.30	794.52	655.57
	TOTAL GENERATION (A +B) : 1 TO 25			2419.23
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.91
	GRAND TOTAL	2673.98	2701.57	2426.14
	LAST YEAR	2389.65	2416.19	2313.10

3. SYSTEM PARAMETERS AS ON 11-Jul-19

MAXIMUM DRAWL ON 11-Jul-19	11346 MW at 22.45-23.00 HRS 49.93HZ
MINIMUM DRAWL ON 11-Jul-19	8864 MW at 19.00-19.15 Hrs 49.98 HZ
Max U/D of the day	515 MW at 17.15-17.30 HRS 50.05 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	9
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	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	22
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	31
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	18
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	11-Jul-19 50.00 Hz
Max O/D of the day	550 MW at 20.30-20.45Hrs 49.91HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	11.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	53.60
ABOVE 50.05 HZ	34.60
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	Inflow
	Max.	Min.	12-Jul-19	12-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1269.30	NIL	3131
R.P.Sagar (Ft.)	1157.5	1128	1138.13	1138.76	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.40	973.40	NIL	NA
Kota Barrage(Ft.)	854.5	852.3	851.80	850.60		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1616.84	1504.35	35385	5725
Dehar (Ft.)	2941	2900	2930.05	2933.46	8170	22630
Pong(Ft.)	1421	1260	1328.15	1282.29	12006	15106
Mahi-I (Mts.)	281.5	259	273.05	271.00	NIL	1977
Mahi-II (Mts.)	220.5	217	216.10	217.00	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
12-Jul-19	KTPS	111587	5.7 Days
12-Jul-19	STPS	140133	6.1 Days
12-Jul-19	CHHABRA	142145	10.8 Days
12-Jul-19	KALISINDH	73275	4.5 Days

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

12-Jul-19

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)				OUTAGE		EXPECT./REVI DATE	REASON OF OUTAGE
							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	
CSC TPP	5	660.00	600	144.00	600	27-May-19	0.10		ANNUAL SHUTDOWN FOR 30 DAY	
ADANI	1	660.00	600	144.00	600	28-Jun-19	0.06		SHUTDOWN FOR AOH (20 DAYS)	
CTPP	2	250.00	225	55.00	225	04-Jul-19	0.06		boxed up under annual shutdown	
STPS	5	250.00	229	55.00	229	04-Jul-19	13.06		BOXED UP	
STPS	1	250.00	229	55.00	229	05-Jul-19	13.09		BOXED UP	
STPS	6	250.00	229	55.00	229	05-Jul-19	13.02		BOXED UP	
KTPS	1	110.00	100	23.00	100	06-Jul-19	12.49		BOXED UP	
KTPS	2	110.00	100	23.00	100	06-Jul-19	13.30		BOXED UP	
KTPS	4	210.00	192	46.00	192	06-Jul-19	23.00		BOXED UP	
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02		BOXED UP	
KTPS	3	210.00	192	46.00	192	09-Jul-19	12.04		BOXED UP	
Total(A)-STATE SECTOR-PLANNED OUTAGE		3610.00	3231.00	773.40	3231.00					
CENTRAL SECTOR										
AURIYA GPS	2	111.19	18	4.40	18	30-May-19	18.01		NON AVAILABILITY OF CHEAP GAS	
UNCHHAR	3	210.00	27	6.50	27	09-Jun-19	4.00		Annual overhauling for 25 days	
ANTA GPS	2	88.71	31	7.50	31	15-Jun-19	6.15		RESERVE SHUTDOWN	
AURIYA GPS	3	111.19	18	4.40	18	23-Jun-19	8.37		RESERVE SHUTDOWN	
AURIYA GPS	4	111.19	18	4.40	18	23-Jun-19	8.38		RESERVE SHUTDOWN	
AURIYA GPS	6	109.30	12	2.90	12	23-Jun-19	8.43		RESERVE SHUTDOWN	
ANTA GPS	3	88.71	31	7.50	31	23-Jun-19	22.18		RESERVE SHUTDOWN DUE TO NON-AVAILABILITY OF	
ANTA GPS	4	153.20	34	8.20	34	27-Jun-19	1.19		RESERVE SHUTDOWN	
DABRI GPS	6	154.51	88	21.00	88	27-Jun-19	1.55		RESERVE SHUTDOWN	
DABRI GPS	3	130.19	22	5.30	22	01-Jul-19	21.15		RESERVE SHUTDOWN	
DABRI GPS	4	130.19	22	5.30	22	02-Jul-19	0.16		RESERVE SHUTDOWN	
DABRI GPS	5	154.51	88	21.00	88	10-Jul-19	16.53		RESERVE SHUTDOWN	
DABRI GPS	2	130.19	22	5.30	22	10-Jul-19	17.02		RESERVE SHUTDOWN	
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1683.08	431.00	103.70	431.00					
(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	
STPS	4	250.00	229	55.00	229	15-Jun-19	14.15		PROBLEM IN HP CONTROL VALVE OF TURBINE (S/D TAKEN BY STPS FROM 18.07 HRS./19.06.19)	
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	
STPS	3	250.00	229	0.00	0	11-Jul-19	9.56	11-Jul-19	14.00	ALL COMPRESSURE TRIPPED
RAJWEST	1	135.00	120	27.54	120	12-Jul-19	0.57		BED MATERIAL LEAKAGE	
KTPS	5	210.00	192	35.78	192	12-Jul-19	5.20			
Total(B) STATE SECTOR-FORCED OUTAGE		1390.00	1210.00	223.80	981.00					
CENTRAL SECTOR										
AURIYA GPS	5	109.30	12	2.90	12	30-May-19	16.42		AVR PROBLEM	
AURIYA GPS	1	111.19	18	4.40	18	05-Jun-19	22.50		NON AVAILABILITY OF CHEAP GAS	
RHAND	4	500.00	59	14.20	59	16-Jun-19	0.48		MAJOR OVERHAULING(45 DAYS)	
UNCHHAR TFS	1	210.00	11	0.00	0	11-Jul-19	8.40	11-Jul-19	16.47	TRIPPED DUE TO FLAME FAILURE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		930.49	100.00	21.50	89.00					
G.TOTAL			245.30	1070.00						

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).