



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

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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								
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	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	1989.50	2014.57	1686.45	-31.37	-5.83	9154.00	8169.00	49.96	179.49
AVERAGE	2690.02	2204.31	2397.51	2087.63	-4.09	17.45	11021.78	9603.56	50.00	510.34
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
		18-Jul-19		
1	KTPS (1240/1240)	218.00	181.00	150.35
2	STPS (1500/1500)	265.00	165.00	157.16
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.24
5	RAPP-A(200/200)	35.00	35.00	39.66
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.54
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	310.00	382.00	293.00
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	556.00	555.00	467.64
11	WIND FARM (4139.20/4292.95)	248.00	339.00	334.95
12	SOLAR POWER(1661.70/2250.16)	148.72	118.59	167.90
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.98
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	5.00	6.31
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.28
18	RAJWEST (1080/1080)	201.00	201.00	157.59
	TOTAL (A) : 1-18	2034.72	2028.59	1843.60
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.65	30.33	29.60
b)	DEHAR (198/ 990)	26.92	27.07	26.66
c)	PONG (231.66/396)	1.89	17.23	4.65
	TOTAL : a TO c	55.45	74.64	60.92
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	89.97	88.55	85.00
e)	RIHAND (310.24/3000)	90.42	90.42	89.26
f)	UNCHAHAHAR-I(20/420)	2.16	2.70	0.35
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	31.70	40.18	6.19
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.58	14.80	3.41
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)	8.89	8.84	8.84
n)	RAPP-B (125/440)	27.82	27.82	27.82
o)	RAPP-C (88/440)	18.86	18.86	18.86
p)	SALAL (20.36/690)	4.76	4.76	4.76
q)	URI (70.37/720)	16.27	15.24	14.49
r)	TANAKPUR (10.86/94)	2.41	1.86	2.38
s)	CHAMERA –I (105.84/540)	24.58	24.58	24.58
t)	CHAMERA-II (29.01/300)	6.34	1.63	0.99
u)	CHAMERA-III (25.21/231)	5.69	1.42	1.52
v)	DHAULIGANGA (27/280)	6.16	6.16	6.16
w)	DULHASTI (42.42/390)	8.08	8.08	8.08
x)	SEWA (13/120)	1.67	1.67	1.67
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.65	33.21	33.39
z)	TEHRI (75/1000)	4.44	5.05	5.61
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	27.92	27.90	28.90
ab)	TALA	3.51	3.51	3.36
ac)	MUNDRA UMPP (380/4000)	43.65	52.46	40.85
ad)	SASAN (372/3960)	69.02	69.12	69.12
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.93	28.36	18.51
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	622.92	651.81	565.03
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	622.92	651.81	565.03
21	BILATERAL (REG.) EXCL. BANKING	30.42	26.03	26.07
22	BANKING	-7.08	-7.08	-7.08
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	118.61	137.86	116.01
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-36.16
25	INDIAN ENERGY EXCHANGE	-88.73	-23.29	-23.29
	TOTAL(B): (19 TO 25)	676.13	785.33	640.57
	TOTAL GENERATION (A +B) : 1 TO 25			2484.17
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-31.37
	GRAND TOTAL	2710.85	2813.92	2452.80
	LAST YEAR	1996.23	2127.08	1869.62

3. SYSTEM PARAMETERS AS ON 18-Jul-19

MAXIMUM DRAWL ON 18-Jul-19	11247 MW at 00.00-00.15 HRS 49.96 HZ
MINIMUM DRAWL ON 18-Jul-19	8565 MW at 19.00-19.15 Hrs 49.92 HZ
Max U/D of the day	910 MW at 19.45-20.00 HRS 49.92 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	15
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	25
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	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 18-Jul-19	49.96 Hz
Max O/D of the day	499 MW at 21.30-21.45 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	20.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.30
ABOVE 50.05 HZ	11.80
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.	19-Jul-19	19-Jul-18		
Gandhi Sagar (Ft.)	1312	1250	1261.56	1272.91	NIL	804
R.P.Sagar (Ft.)	1157.5	1128	1137.87	1139.45	NIL	175
Jawahar Sagar (Ft.)	980	970.4	975.30	974.60	1562	1077
Kota Barrage(Ft.)	854.5	852.3	852.40	851.00		
RMC					15	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1627.82	1521.72	18161	34557
Dehar (Ft.)	2941	2900	2926.24	2924.80	8339	17524
Pong(Ft.)	1421	1260	1331.31	1288.21	907	12224
Mahi-I (Mts.)	281.5	259	273.30	271.90	NIL	1730
Mahi-II (Mts.)	220.5	217	216.00	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
19-Jul-19	KTPS		
	STPS		
	CHHABRA		
	KALISINDH		

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

19-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
STPS	1	250.00	229	0.00	0	05-Jul-19	13.09	18-Jul-19	21.43	BOXED UP
STPS	6	250.00	229	0.00	0	05-Jul-19	13.02	18-Jul-19	8.36	BOXED UP
KTPS	6	195.00	175	42.00	175	07-Jul-19	14.02			SHUTDOWN
Total(A)-STATE SECTOR-PLANNED OUTAGE			1650.00	1447.00	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
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
ANTA GPS	3	88.71	31	0.00	0	23-Jun-19	22.18	18-Jul-19	17.47	RESERVE SHUTDOWN DUE TO NON-AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	0.00	0	27-Jun-19	1.19	18-Jul-19	22.28	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
Total(B)-CENTRAL SECTOR-PLANNED OUTAGE			1584.27	422.00	85.90	357.00				
(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-1
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
CTPP	3	250.00	225	54.00	225	13-Jul-19	1.15			OVER SPEED CHANNEL FAULT
KTPS	4	210.00	192	0.00	0	17-Jul-19	7.19	18-Jul-19	21.50	DUE TO BTL FOR 48 HOURS
Total(B)-STATE SECTOR-FORCED OUTAGE			1005.00	857	159.48	665				
CENTRAL SECTOR										
AURAYA GPS	5	109.30	12	2.90	12	30-May-19	16.42			AVR PROBLEM
RIBAND	4	500.00	59	14.20	59	16-Jun-19	0.48			MAJOR OVERHAULING(45 DAYS)
SINGROULI	4	200.00	34	8.20	34	15-Jul-19	5.52			BOILER TUBE LEAKAGE
UNCHIAR	1	210.00	11	2.70	11	17-Jul-19	8.36			FLAME FAILURE
UNCHIAR	4	210.00	27	0.00	0	17-Jul-19	22.45	18-Jul-19	1.23	DRUM LEVEL LOW
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			1229.30	143.00	28.00	116.00				
G.TOTAL			187.48	781.00						

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 (\$).