



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

Power Position 16-Jul-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -JULY- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
01-Jul-18	2023.96	1572.69	1686.45	1429.11	19.60	26.54	8169	6871	49.99	301.63
02-Jul-18	1989.50	1733.97	1889.40	1387.56	45.32	20.29	8916	6861	50.00	500.38
03-Jul-18	2044.42	1527.20	2087.29	1422.68	49.37	-9.04	9356	6862	50.01	517.21
04-Jul-18	2323.23	1688.36	2105.51	1480.05	23.77	-0.57	9895	7462	50.01	460.28
05-Jul-18	2256.27	1686.14	2151.11	1642.02	28.91	25.78	9977	8338	49.96	201.42
06-Jul-18	2195.52	1862.49	2196.72	1774.40	29.18	25.26	10408	8894	49.94	151.06
07-Jul-18	2251.03	1773.03	2326.63	1856.60	12.62	30.41	10550	8727	49.96	243.96
08-Jul-18	2358.71	1763.64	2310.49	1889.41	10.75	26.78	10729	8568	49.98	346.76
09-Jul-18	2455.12	1835.33	2422.78	1939.92	14.10	18.23	11057	9218	49.98	344.69
10-Jul-18	2432.08	1938.11	2408.91	1979.04	18.44	13.12	10937	9795	49.93	341.08
11-Jul-18	2416.19	1975.94	2313.10	2057.75	-4.34	16.76	10493	9613	50.00	443.22
12-Jul-18	2389.65	1943.50	2198.12	2004.60	11.15	22.79	10184	9154	49.97	384.58
13-Jul-18	2291.58	1867.76	1989.75	1822.66	17.34	41.91	8926	8698	49.97	231.85
14-Jul-18	2117.48	1540.41	1979.92	1689.24	1.32	52.34	9056	8018	49.96	95.85
15-Jul-18	2052.15	1754.32	1863.72	1762.00	12.17	22.33	8456	7798	49.99	205.22
16-Jul-18	2090.06	1730.31								
17-Jul-18										
18-Jul-18										
19-Jul-18										
20-Jul-18										
21-Jul-18										
22-Jul-18										
23-Jul-18										
24-Jul-18										
25-Jul-18										
26-Jul-18										
27-Jul-18										
28-Jul-18										
29-Jul-18										
30-Jul-18										
31-Jul-18										
MAXIMUM OF THE MONTH	2455.12	1975.94	2422.78	2057.75	49.37	52.34	11057.00	9795.00	50.01	517.21
MIN OF THE MONTH	1989.50	1527.20	1686.45	1387.56	-4.34	-9.04	8169.00	6861.00	49.93	95.85
AVERAGE	2230.43	1762.08	2128.66	1742.47	19.31	22.20	9807.27	8325.13	49.98	317.95

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (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
		13-Jul-18			14-Jul-18			15-Jul-18		
1	KTPS (1240/1240)	199.00	246.00	182.59	199.00	199.00	179.75	199.00	199.00	156.65
2	STPS (1500/1500)	264.00	273.00	211.45	273.00	264.00	229.54	273.00	273.00	205.91
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)	41.00	38.00	29.60	44.00	41.00	17.41	40.00	44.00	31.78
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1.09	0.00	0.00	0.00	0.00	0.00	1.79
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	213.68	121.00	164.00	242.48	164.00	121.00	219.11
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	205.43	284.00	284.00	191.77	284.00	284.00	204.46
11	WIND FARM (4137.20/4290.95)	136.00	270.00	231.85	91.00	136.00	95.85	105.75	91.00	205.22
12	SOLAR POWER(1656.70/2246.21)	87.33	96.31	64.73	64.73	87.33	76.29	76.29	64.73	62.72
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	18.79	18.16	16.93	13.94	18.79	16.88	16.24	13.94	11.25
16	BIOMASS – (101.95/119.25)	2.00	2.00	1.53	2.00	2.00	1.53	2.00	2.00	2.08
17	BARSINGHAR LTPS(250/250)	23.00	23.00	25.42	23.00	23.00	24.18	23.00	23.00	22.80
18	RAJWEST (1080/1080)	194.00	172.00	125.13	201.00	194.00	189.93	172.00	201.00	118.16
	TOTAL (A) : 1-18	1413.12	1586.47	1309.43	1316.67	1413.12	1265.61	1355.28	1316.67	1241.93
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	22.40	23.64	23.04	23.60	22.40	23.45	24.51	23.60	24.46
b)	DEHAR (198/ 990)	27.46	27.50	27.00	27.22	27.46	26.96	27.69	27.22	27.53
c)	PONG (231.66/396)	12.65	16.09	13.64	18.07	12.65	17.15	17.18	18.07	17.35
	TOTAL : a TO c	62.51	67.23	63.68	68.89	62.51	67.56	69.37	68.89	69.33
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	63.43	62.90	63.30	57.43	63.43	64.31	63.79	57.43	49.80
e)	RIHAND (310.24/3000)	119.35	111.98	106.99	96.76	119.35	136.32	123.26	96.76	50.86
f)	UNCHAHAAR-I(20/420)	5.93	4.04	1.29	4.80	5.93	4.75	5.27	4.80	1.11
g)	UNCHAHAAR-II& III & IV(135.09/1130)	14.71	10.13	2.99	12.43	14.71	11.54	13.61	12.43	4.23
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	16.71	11.28	2.57	15.05	16.71	14.61	14.61	15.05	6.18
j)	DADRI GAS (77/830)	4.41	1.80	1.49	2.10	4.41	2.41	1.87	2.10	0.81
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)	8.68	8.61	8.61	8.68	8.68	8.68	8.87	8.68	8.68
n)	RAPP-B (125/440)	28.94	28.86	28.86	29.02	28.94	28.94	29.43	29.02	29.02
o)	RAPP-C (88/440)	18.58	18.54	18.54	18.58	18.58	18.58	18.69	18.58	18.58
p)	SALAL (20.36/690)	4.66	4.67	4.65	4.51	4.66	4.05	4.70	4.51	4.49
q)	URI (70.37/720)	16.08	16.07	16.08	16.09	16.08	15.99	16.18	16.09	16.04
r)	TANAKPUR (10.86/94)	1.83	2.13	1.80	2.20	1.83	1.07	2.22	2.20	2.26
s)	CHAMERA –I (105.84/540)	24.17	15.42	18.77	19.79	24.17	20.73	17.43	19.79	19.13
t)	CHAMERA-II (29.01/300)	6.62	6.61	6.62	6.62	6.62	6.62	6.66	6.62	6.62
u)	CHAMERA-III (25.21/231)	5.77	5.75	5.75	5.77	5.77	5.75	5.78	5.77	5.75
v)	DHAULIGANGA (27/280)	6.18	6.16	6.16	6.18	6.18	6.18	6.19	6.18	6.16
w)	DULHASTI (42.42/390)	9.16	9.04	9.04	9.04	9.16	9.05	9.09	9.04	9.05
x)	SEWA (13/120)	3.25	1.30	1.30	1.15	3.25	2.61	1.15	1.15	1.15
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.36	35.36	35.36	35.36	35.36	35.36	34.95	35.36	35.33
z)	TEHRI (75/1000)	3.86	3.81	3.81	3.90	3.86	3.86	3.92	3.90	3.90
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	24.17	24.36	23.58	24.02	24.17	25.10	23.88	24.02	24.56
ab)	TALA	3.56	3.56	3.56	3.56	3.56	3.56	3.57	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	50.46	39.56	28.73	43.27	50.46	48.76	60.83	43.27	16.74
ad)	SASAN (372/3960)	69.42	66.88	66.88	53.08	69.42	68.91	69.74	53.08	38.78
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.05	16.80	9.08	16.55	21.05	19.77	21.51	16.55	4.15
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 SCHEDULED(a TO af)	628.86	582.87	539.51	564.84	628.86	635.08	636.56	564.84	436.28
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	628.86	582.87	539.51	564.84	628.86	635.08	636.56	564.84	436.28
21	BILATERAL (REG.) EXCL. BANKING	26.01	26.01	26.01	26.01	26.01	26.01	26.16	26.01	26.01
22	BANKING	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.07	-9.09	-9.09
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	90.48	157.41	162.67	164.35	84.07	90.48	102.41	159.20	164.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-18.79	-18.16	-16.93	-13.94	-18.79	-16.88	-16.24	-13.94	-11.25
25	INDIAN ENERGY EXCHANGE	-13.12	-39.20	-39.20	3.31	-13.12	-13.12	-5.04	3.31	3.31
	TOTAL(B): (19 TO 25)	704.35	705.11	662.98	735.48	704.35	712.49	734.78	735.48	609.62
	TOTAL GENERATION (A + B) : 1 TO 25			1972.41			1978.09			1851.55
	OVER DRAWAL (+)/UNDER DRAWAL (-)			17.34			1.32			12.17
	GRAND TOTAL	2117.48	2291.58	1989.75	2052.15	2117.48	1979.92	2090.06	2052.15	1863.72
	LAST YEAR	1540.41	1867.76	1822.66	1754.32	1540.41	1689.24	1730.31	1754.32	1762.00

3.SYSTEM PARAMETERS AS ON 15-Jul-18

MAXIMUM DRAWL ON 15-Jul-18	8456 MW at 22.15-22.30 Hrs 49.98 HZ
MINIMUM DRAWL ON 15-Jul-18	6792 MW at 18.15-18.30 Hrs 50.00 HZ
Max U/D of the day	547 MW at 00.15-00.30 Hrs 49.95 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 HZ	3
No. of Blocks in which Freq. >= 49.9 & < 50.00 HZ	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 HZ	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 HZ	13
No. of Blocks in which Freq. >= 50.00 & < 50.05 HZ	40
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 HZ	6
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	3
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

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	16-Jul-18	16-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1272.10	1293.16	15-Jul-18	8066
R.P.Sagar (Ft.)	1157.5	1128	1139.25	1142.27	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	973.60	972.80	NA	NIL
Kota Barrage(Ft.)	854.5	852.3	850.60	851.30		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1514.15	1592.31	20000	33123
Dehar (Ft.)	2941	2900	2927.03	2920.60	8477	13673
Pong(Ft.)	1421	1260	1283.90	1316.57	9511	14303
Mahi-I (Mts.)	281.5	259	271.50	270.85	NIL	NA
Mahi-II (Mts.)	220.5	217	217.00	217.95	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		Date		Name of Station		Stock at 00.00 hrs. (MT)		Coal stock sufficient for No. of days	
15-Jul-18	49.99 HZ	16-Jul-18	KTPS	123436	6 Days				
Max O/D of the day	725 MW at 04.15-04.30 Hrs 49.94 HZ	16-Jul-18	STPS	59339	2 Days				
Frequency Profile	% of Time	16-Jul-18	CHHABRA	135558	18 Days				
LESS THAN 49.7 HZ	0.00	16-Jul-18	KALISINDH	71621	5 Days				
LESS THAN 49.90 HZ	4.50								
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	86.00								
ABOVE 50.05 HZ	9.50								
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								

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

16-Jul-18

(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	70	16.8	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCPP	HRSg2*	55.00	50	12.0	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)
DCPP	HRSg1	55.00	50	12.0	50	19-May-18	16.57	NON AVAILABILITY OF GAS(treated as boxed up w.e.f. 13.40 hrs./28.05.18 as GTI1 BOXED UP)
RAPPA	2	200.00	150	36.0	150	30-Jun-18	19.28	BIENNIAL SHUTDOWN
DCPP	GT1	110.00	100	24.0	100	01-Jul-18	13.29	BOXED UP
DCPP	GT2	110.00	100	24.0	100	01-Jul-18	13.24	BOXED UP
CHHABRA	2	250.00	225	54.0	225	10-Jul-18	4.53	ANNUAL SHUTDOWN
BARSINGAR	1	125.00	110	26.4	110	29-Jun-18	6.58	REFRACTORY FAILURE
Total(A)STATE SECTOR-PLANNED OUTAGE		1030.00	855.00	205.20	855.00			
CENTRAL SECTOR								
AURAIYA GPS	1	111.19	18	4.4	18	28-Jun-18	5.51	RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.4	18	16-May-18	23.33	RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51	RESERVE SHUTDOWN
AURAIYA GPS	6	109.20	12	2.9	12	21-May-18	9.27	RESERVE SHUTDOWN FUEL SHORTAGE
AURAIYA GPS	2	111.19	18	4.4	18	21-May-18	9.32	RESERVE SHUTDOWN FUEL SHORTAGE
ANTA GPS	2	88.71	31	7.5	31	27-Jun-18	10.24	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	07-Jul-18	12.10	RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.2	34	07-Jul-18	12.16	RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	07-Jul-18	12.46	RESERVE SHUTDOWN
DABRI GPS	3	130.19	22	5.3	22	10-Jul-18	0.28	RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.3	22	14-Jul-18	11.05	RESERVE SHUTDOWN
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		1233.77	255.00	61.80	255.00			

(B) FORCE OUTAGE

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)	DATE	TIME	DATE	TIME	REASON OF OUTAGE	
STATE SECTOR									
GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31	DUE TO GENERATOR TRIP TRIP	
KTPS	1	110.00	100	23.0	100	31-May-18	17.25	DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER	
RAJWEST	2	135.00	120	28.7	120	27-Jun-18	4.15	DUE TO HEAVY BED MATERIAL LEAKAGE	
RAMGARH	GT1	35.50	29	7.0	29	01-Jul-18	6.24	DUE SHORTAGE OF SUFFICIENT GAS	
ADANI	2	600.00	600	144.0	600	03-Jul-18	23.58	CRITICAL COAL STOCK AT PLANT	
STPS	2	250.00	229	55.0	229	10-Jul-18	5.44	GENERATOR PROTECTION OPERATED	
KTPS	5	210.00	192	46.0	192	13-Jul-18	14.42	DUE TO BOILER TUBE LEAKAGE	
CHHABRA	4	250.00	225	0.0	0	15-Jul-18	5.46	LOSS OF OIL FUEL	
STPS	1	250.00	229	0.0	0	15-Jul-18	11.31	LOSS OF OIL FUEL	
RAJWEST	5	135.00	120	28.7	120	15-Jul-18	22.33	BED MATERIAL LEAKAGE	
Total(B)STATE SECTOR-FORCED OUTAGE		2760.50	2478.00	484.76	2024.00				
CENTRAL SECTOR									
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH	
AURAIYA GPS	5	109.30	12	2.9	12	06-May-18	3.23	RESERVE SHUTDOWN	
SINGRAULI	7	500.00	85	20.5	85	20-Jun-18	22.50	DGA VIOLATION IN GT	
DABRI GPS	6	154.51	16	5.3	16	10-Jul-18	0.20	RESERVE SHUTDOWN	
DABRI GPS	4	130.19	22	5.3	22	10-Jul-18	0.30	RESERVE SHUTDOWN	
ISTPP(RAJAR)	1	500.00	5	1.2	5	14-Jul-18	7.41	BOILER TUBE LEAKAGE	
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1894.00	140.00	35.20	140.00				
G.TOTAL				519.96	2164.00				

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 (\$).