



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

Power Position 06-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								
07-Jul-18										
08-Jul-18										
09-Jul-18										
10-Jul-18										
11-Jul-18										
12-Jul-18										
13-Jul-18										
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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	2323.23	1862.49	2151.11	1642.02	49.37	26.54	9977.00	8338.00	50.01	517.21
MIN OF THE MONTH	1989.50	1527.20	1686.45	1387.56	19.60	-9.04	8169.00	6861.00	49.96	201.42
AVERAGE	2138.82	1678.48	1983.95	1472.28	33.39	12.60	9262.60	7278.80	49.99	396.18

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
		5-Jul-18		
1	KTPS (1240/1240)	200.00	199.00	184.63
2	STPS (1500/1500)	275.00	267.00	218.53
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	40.00	35.85
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	209.61
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	283.00	279.00	252.63
11	WIND FARM (4137.20/4290.95)	151.00	230.00	201.42
12	SOLAR POWER(1656.70/2246.21)	67.01	72.48	77.89
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	9.79	7.69	7.16
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.01
17	BARSINGHAR LTPS(250/250)	27.00	23.00	26.15
18	RAJWEST (1080/1080)	172.00	172.00	165.21
	TOTAL (A) : 1-18	1446.80	1511.17	1383.09
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.87	25.94	25.67
b)	DEHAR (198/ 990)	25.33	27.56	27.30
c)	PONG (231.66/396)	9.98	11.74	8.42
	TOTAL : a TO c	60.18	65.24	61.39
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.70	64.71	66.23
e)	RIHAND (310.24/3000)	123.08	123.08	126.67
f)	UNCHAHAHAR-I(20/420)	6.63	5.62	5.60
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	16.51	14.52	18.74
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	18.63	7.64	9.97
j)	DADRI GAS (77/830)	5.09	5.79	3.40
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)	8.78	8.73	8.73
n)	RAPP-B (125/440)	28.96	28.96	28.96
o)	RAPP-C (88/440)	18.74	18.74	18.74
p)	SALAL (20.36/690)	4.69	4.69	4.64
q)	URI (70.37/720)	15.98	16.07	14.97
r)	TANAKPUR (10.86/94)	2.37	2.37	2.16
s)	CHAMERA –I (105.84/540)	24.21	24.25	24.25
t)	CHAMERA-II (29.01/300)	6.37	6.65	6.27
u)	CHAMERA-III (25.21/231)	5.05	5.77	5.21
v)	DHAULIGANGA (27/280)	6.21	5.80	5.04
w)	DULHASTI (42.42/390)	9.71	9.32	9.49
x)	SEWA (13/120)	2.09	2.09	2.09
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	31.34	35.48	32.37
z)	TEHRI (75/1000)	3.62	3.62	3.62
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	19.39	19.98	17.18
ab)	TALA	3.34	3.56	3.56
ac)	MUNDRA UMPP (380/4000)	68.45	68.45	68.45
ad)	SASAN (372/3960)	69.52	69.52	69.52
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.56	21.79	21.52
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	645.21	642.45	638.76
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	645.21	642.45	638.76
21	BILATERAL (REG.) EXCL. BANKING	18.81	22.37	19.52
22	BANKING	-13.62	-13.62	-13.61
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	90.61	95.90	102.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-9.79	-7.69	-7.16
25	INDIAN ENERGY EXCHANGE	17.49	-0.51	-0.51
	TOTAL(B): (19 TO 25)	748.71	745.10	739.11
	TOTAL GENERATION (A +B) : 1 TO 25			2122.20
	OVER DRAWAL (+)/UNDER DRAWAL (-)			28.91
	GRAND TOTAL	2195.52	2256.27	2151.11
	LAST YEAR	1862.49	1686.14	1642.01

3. SYSTEM PARAMETERS AS ON 05-Jul-18

MAXIMUM DRAWL ON 05-Jul-18	9977 MW at 22.15-22.30 Hrs 49.85 HZ
MINIMUM DRAWL ON 05-Jul-18	7665 MW at 18.30-18.45 Hrs 49.97 HZ
Max U/D of the day	548 MW at 00.30-00.45Hrs 50.00 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	12
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	56
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	21
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	19
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	8
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 5-Jul-18	49.96 Hz
Max O/D of the day	601 MW at 08.00-08.15 Hrs 50.02HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	17.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.50
ABOVE 50.05 HZ	8.70
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	5
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.	6-Jul-18	6-Jul-17		
Gandhi Sagar (Ft.)	1312	1250	1269.19	1293.64	NIL	418
R.P.Sagar (Ft.)	1157.5	1128	1138.23	1139.20	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.10	972.00	NIL	370
Kota Barrage(Ft.)	854.5	852.3	850.10	850.80		
RMC					NIL	
LMC					20	
Bhakra(Ft.)	1690	1462	1501.00	1575.66	22213	31568
Dehar (Ft.)	2941	2900	2919.81	2923.68	8318	8610
Pong(Ft.)	1421	1260	1285.96	1302.89	5504	9383
Mahi-I (Mts.)	281.5	259	270.55	269.45	NIL	1940
Mahi-II (Mts.)	220.5	217	217.00	217.65	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
6-Jul-18	KTPS	131433	6.5 days
	STPS	119425	5 days
	CHHABRA	109696	14.5 days
	KALISINDH	81922	6 days

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

6-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 (SD W.E.F.15.07.14)
DCCPP	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 DCCPP END)
DCCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.e.f. 12.40 hrs./28.05.18 as GT#1 BOXED UP)
STPS	2	250.00	229	55.0	229	26-Jun-18	13.08			BOXED UP
STPS	5	250.00	229	0.0	0	28-Jun-18	21.30	05-Jul-18	0.40	BOXED UP
RAPP(A)	2	200.00	150	36.0	150	30-Jun-18	19.38			BIENNIALSHUTDOWN
DCCPP	GT#1	110.00	100	24.0	100	01-Jul-18	13.29			BOXED UP
DCCPP	GT#2	110.00	100	24.0	100	01-Jul-18	13.24			BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		1155.00	978.00	179.80	749.00					
CENTRAL SECTOR										
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-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	109.30	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
DADRI GPS	3	130.19	22	5.3	22	27-Jun-18	10.20			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.5	31	27-Jun-18	10.24			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	27-Jun-18	10.54			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.2	34	27-Jun-18	11.22			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	27-Jun-18	11.45			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.9	16	05-Jun-18	11.35			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.3	22	09-Jun-18	1.45			RESERVE SHUTDOWN
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		1388.28	271.00	65.70	271.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.8	70	27-Jan-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 TRF 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
BAKSINGSAR	1	125.00	110	26.4	110	29-Jun-18	6.58			REFRACTORY FAILURE
RAMGARHI	GT#1	35.50	29	7.0	29	01-Jul-18	6.24			DUE SHORTAGE OF SUFFICIENT GAS
KTPS	4	210.00	192	42.0	192	01-Jul-18	12.37			BOXED UP (API -PROBLEM)
RAJWEST	6	135.00	120	28.7	120	03-Jul-18	21.33			BED MATERIAL LEAKAGE
ADANI	2	660.00	617	148.0	617	03-Jul-18	23.58			CRITICAL COAL STOCK AT PLANT
STPS	6	250.00	229	0.0	0	04-Jul-18	20.13	05-Jul-18	2.26	DUE TO RH PROTECTION
Total(B)STATE SECTOR-FORCED OUTAGE		2385.50	2151.00	456.16	1922.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23			DRUM VIBRATION
SINGRAULI	7	500.00	85	20.5	85	20-Jun-18	22.50			DGA VIOLATION IN GT
DADRI GPS	2	130.19	22	5.3	22	18-Jun-18	6.00			SD FOR FLAME TUBE INSPECTION
JHAJJAR	3	500.00	5	1.2	5	04-Jul-18	8.05			TRIPPED ON MASTER FUEL
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1741.19	130.00	31.40	130.00					
G.TOTAL				487.56	2052.00					

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 (\$).