



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

Power Position 07-Jul-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -JUNE- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Jun.17										
01.Jul.17	1598.79	2007.54	1429.11	1750.35	26.54	-0.27	7214	8343	49.99	59.72
02.Jul.17	1733.97	1949.49	1387.56	1647.08	20.29	-3.83	6861	7817	50.01	141.91
03.Jul.17	1527.20	1867.32	1422.68	1578.57	-9.04	18.44	6862	7410	49.97	300.78
04.Jul.17	1688.36	1753.63	1480.05	1554.49	-0.57	26.84	7462	7516	49.99	482.76
05.Jul.17	1686.14	1852.92	1642.02	1661.54	25.78	8.44	8338	8110	49.99	459.66
06.Jul.17	1862.49	1781.84	1774.40	1779.17	25.26	12.78	8894	8487	50.01	458.93
07.Jul.17	1773.03	1952.72								
08.Jul.17										
09.Jul.17										
10.Jul.17										
11.Jul.17										
12.Jul.17										
13.Jul.17										
14.Jul.17										
15.Jul.17										
16.Jul.17										
17.Jul.17										
18.Jul.17										
19.Jul.17										
20.Jul.17										
21.Jul.17										
22.Jul.17										
23.Jul.17										
24.Jul.17										
25.Jul.17										
26.Jul.17										
27.Jul.17										
28.Jul.17										
29.Jul.17										
30.Jul.17										
31.Jul.17										
MAXIMUM OF THE MONTH	1862.49	2007.54	1774.40	1779.17	26.54	26.84	8894.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1753.63	1387.56	1554.49	-9.04	-3.83	6861.00	7410.00	49.97	59.72
AVERAGE	1735.87	1897.68	1522.64	1661.87	14.71	10.40	7605.17	7947.17	49.99	317.29
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2211.92	06.Jun.17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06.Jun.17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20.Sep.16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04.Jul.17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06.Jul.16		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		6-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	37.33
2	STPS (1500/1500)	55.00	55.00	44.03
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	45.00	37.12
5	RAPP-A(200/200)	38.00	38.00	39.89
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)	54.00	54.00	133.10
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	195.16
11	WIND FARM (3980.40/4119.15)	300.00	400.00	458.93
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-78.92	-78.26	-78.29
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.86
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	23.65
18	RAJWEST (1080/1080)	201.00	201.00	116.98
	TOTAL (A) : 1-18	973.08	1073.74	1011.76
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.95	34.78	35.10
b)	DEHAR (198/ 990)	28.91	29.06	28.82
c)	PONG (231.66/396)	11.76	10.54	10.54
	TOTAL : a TO c	75.62	74.38	74.46
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	82.74	75.50	59.27
e)	RIHAND (310.24/3000)	85.64	77.71	70.32
f)	UNCHAHR-I(20/420)	3.52	3.15	2.97
g)	UNCHAHR-II& III(61/630)	12.28	10.47	10.07
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	5.81	4.05	4.92
j)	DADRI GAS (77/830)	5.51	4.69	4.71
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)	9.14	9.19	9.19
n)	RAPP-B (125/440)	31.69	31.69	31.69
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.79	4.79	4.79
q)	URI (70.37/720)	16.74	15.71	15.64
r)	TANAKPUR (10.86/94)	2.04	2.39	1.71
s)	CHAMERA –I (105.84/540)	25.15	25.15	24.99
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.02	6.00	6.00
v)	DHAULIGANGA (27/280)	3.78	6.42	5.34
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	4.50	4.50	4.50
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.40	26.98	28.19
ab)	TALA	3.88	3.88	3.88
ac)	MUNDRA UMPP (380/4000)	49.92	38.23	42.10
ad)	SASAN (372/3960)	99.24	71.07	52.46
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.15	17.15	5.08
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	643.62	588.15	537.33
	LOSSES	-15.89	-20.22	-18.69
	NET SCHEDULED	627.73	567.93	518.64
21	BILATERAL (REG.) EXCL. BANKING	26.32	26.32	26.32
22	BANKING	-48.20	-48.20	-48.20
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.18	162.27	164.82
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	78.92	78.26	78.29
25	INDIAN ENERGY EXCHANGE	0.00	-2.49	-2.49
	TOTAL(B): (19 TO 25)	799.95	788.74	737.38
	TOTAL GENERATION (A +B) : 1 TO 25			1749.14
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.26
	GRAND TOTAL	1773.03	1862.49	1774.40
	LAST YEAR	1952.72	1781.84	1779.17

3. SYSTEM PARAMETERS AS ON 06-Jul-17

MAXIMUM DRAWL ON 06-Jul-17	8894 MW at 23.15-23.30 Hrs 50.06 Hz
MINIMUM DRAWL ON 06-Jul-17	6293 MW at 18.30-18.45 Hrs 50.01 Hz
Max U/D of the day	423 MW at 16.45-17.00 Hrs 50.04 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	29
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
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	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	18
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 6-Jul-17	50.01 Hz
Max O/D of the day	597 MW at 00.45-01.00 Hrs 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	3.76
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.91
ABOVE 50.05 HZ	28.33
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.	7-Jul-17	7-Jul-16	6-Jul-17	6-Jul-16	
Gandhi Sagar (FL)	1312	1250	1293.60	NA	1218	1359	
R.P.Sagar (FL)	1157.5	1128	1139.30	1146.27	NIL	4211	
Jawahar Sagar (FL)	980	970.4	972.10	975.80	NIL	NIL	
Kota Barrage(FL)	854.5	852.3	850.70	851.00			
RMC					20		
LMC					NIL		
Bhakra(FL)	1690	1462	1575.66	1578.80	27652	44462	
Dehar (FL)	2941	2900	2923.68	2920.86	8443	18196	
Pong(FL)	1421	1260	1302.89	1294.43	5004	13774	
Mahi-I (Mts.)	281.5	259	269.45	266.75	NIL	NIL	
Mahi-II (Mts.)	220.5	217	217.65	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
7.Jul.17	KTPS	261466	13 days
	STPS	90342	3.5 days
	CHHABRA	71306	9.5 days
	KALISINDH	138455	10 days

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT. 7.Jul.17

(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	16.80	70	11.Jul.14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRS0#1	55.00	50	12.00	50	03.Oct.15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT#1	110.00	100	24.00	100	08.May.16	11.05			M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS0#2*	55.00	50	12.00	50	13.Jul.16	16.35			BOXED UP
DCCPP	GT#2*	110.00	100	24.00	100	13.Jul.16	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	10.May.17	17.00			BOXED UP
STPS	6*	250.00	229	55.00	229	16.May.17	21.41			BOXED UP
STPS	4*	250.00	229	55.00	229	27.May.17	18.11			BOXED UP
STPS	3*	250.00	229	55.00	229	12.Jun.17	12.43			BOXED UP
KTPS	5*	210.00	192	46.00	192	13.Jun.17	10.47			BOXED UP
KTPS	3	210.00	192	46.00	192	13.Jun.17	20.22			TURBINE PROBLEM (PERMISSION NOT GRANTED BY RUVNL ON DT 15.06.17 AT 05.30 HRS)
KTPS	1*	110.00	100	23.00	100	19.Jun.17	14.03			BOXED UP
KTPS	2*	110.00	100	23.00	100	19.Jun.17	14.10			BOXED UP
KTPS	4*	210.00	192	46.00	192	20.Jun.17	12.06			BOXED UP
KALISINDH	2*	600.00	565	135.60	565	21.Jun.17	7.13			BOXED UP
KALISINDH	1*	600.00	565	135.60	565	29.Jun.17	12.44			BOXED UP
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11			BOXED UP
KTPS	7	195.00	175	42.00	175	01.Jul.17	18.36			FLAME FAILURE (PERMISSION NOT GRANTED BY RUVNL ON DT 03.07.17 AT 12.54 HRS)
CHHABRA	2	250.00	225	54.00	225	29.Jun.17	9.45			BOILER TUBE LEAKAGE NOT PERMITTED TO LIGHT UP BY OP. M. NO. 238 FROM 10.45 HRS. 02.07.17
CHHABRA	1*	250.00	225	54.00	225	04.Jul.17	9.42			BOXED UP
STPS	2	250.00	229	55.00	229	04.Jul.17	14.22			DESYNCHRONISED/AGAINST STPS#1 WHICH WAS BOXED-UP
Total(A) STATE SECTOR- PLANNED OUTAGE										
		4700.00	4271.00	1023.00	4271.00					

CENTRAL SECTOR

DABRI	GT#4	130.19	22	5.30	22	06.Apr.17	0.23			LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	06.Apr.17	21.18			LESS GAS AVAILABILITY
DABRI	GT#3	130.19	22	5.30	22	06.Apr.17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	07.May.17	22.03			LESS GAS AVAILABILITY
AURAIYA	GT#6	109.30	12	2.90	12	12.May.17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT#3	111.19	18	4.40	18	12.May.17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	30.May.17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	30.May.17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	30.May.17	5.22			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	08.Jun.17	12.16			LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	09.Jun.17	21.51			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	09.Jun.17	22.05			LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	09.Jun.17	22.31			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE										
		1497.58	283.00	68.60	283.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27.Jun.16	15.27	30.Jul.17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAJWEST	1	135.00	120	28.60	120	28.Jun.17	14.58	08.Jul.17		BOILER REFRACTORY DAMAGED
BARSINGSAR	2	125.00	110	26.40	110	29.Jun.17	21.10	08.Jul.17		DESYNCHRONIZED DUE TO REFRACTORY FAILURE
RAMGARH	GT#1	37.50	29	7.00	29	01.Jul.17	12.19	30.Jul.17		HIGH VIBRATION
RAMGARH	STG#1	37.50	10	3.00	10	05.Jul.17	12.39	07.Jul.17		ELECTRICAL PROTECTION ROTAR EARTH FAULT
RAMGARH	STG#2	50.00	40	0.00	0	06.Jul.17	0.55	06.Jul.17	4.21	TURBINE TEMP. HIGH
RAMGARH	STG#2	50.00	40	0.00	0	06.Jul.17	7.30	06.Jul.17	11.21	TURBINE BEARING TEMP. HIGH
RAMGARH	STG#2	50.00	40	0.00	0	06.Jul.17	13.00	06.Jul.17	16.11	TURBINE TEMP. HIGH
Total(B) STATE SECTOR-FORCED OUTAGE										
		610.00	458.50	81.88	338.50					
CENTRAL SECTOR										
BHAJJAR	1	500.00	5	1.20	5	24.Jun.17	23.09			BOILER TUBE LEAKAGE
RHAND	6	500.00	59	14.20	59	29.Jun.17	21.07			ELECTRICAL FAULT
RHAND	2	500.00	58	0.00	0	04.Jul.17	15.20	06.Jul.17	5.40	BOILER TUBE LEAKAGE
DABRI	GT#1	130.19	22	0.00	0	06.Jul.17	9.24	06.Jul.17	10.24	DESYNCHRONIZED DUE TO ELECTRICAL PROBLEM
Total(B) CENTRAL SECTOR- FORCED OUTAGE										
		1630.19	144.00	15.40	64.00					
G.TOTAL				97.28	402.50					

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 (\$).