



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

Power Position 04-Jul-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
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								
05.Jul.17										
06.Jul.17										
07.Jul.17										
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	1733.97	2007.54	1429.11	1750.35	26.54	18.44	7214.00	8343.00	50.01	300.78
MIN OF THE MONTH	1527.20	1753.63	1387.56	1578.57	-9.04	-3.83	6861.00	7410.00	49.97	59.72
AVERAGE	1713.06	1918.80	1413.12	1658.67	12.60	4.78	6979.00	7856.67	49.99	167.47
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.)							468.24	06.Jun.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
		3-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	36.09
2	STPS (1500/1500)	55.00	55.00	42.57
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	0.00	18.47
5	RAPP-A(200/200)	38.00	38.00	39.82
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.59
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	108.00	177.32
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	208.61
11	WIND FARM (3980.40/4119.15)	360.00	160.00	308.78
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	-80.99	-80.08	-80.08
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.67
17	BARSINGH SAR LTPS(250/250)	25.00	25.00	22.42
18	RAJWEST (1080/1080)	201.00	201.00	109.69
	TOTAL (A) : 1-18	1075.01	841.92	890.95
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	29.99	29.24	28.42
b)	DEHAR (198/ 990)	29.33	29.20	29.08
c)	PONG (231.66/396)	8.42	5.19	8.27
	TOTAL : a TO c	67.73	63.63	65.77
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	48.02	55.95	17.27
e)	RIHAND (310.24/3000)	48.08	75.76	41.88
f)	UNCHAHAHAR-I(20/420)	2.63	2.94	1.82
g)	UNCHAHAHAR-II& III(61/630)	7.55	10.18	6.41
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.05	1.86	0.87
j)	DADRI GAS (77/830)	3.64	3.56	1.61
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)	9.24	9.12	9.12
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)	16.31	10.00	10.02
r)	TANAKPUR (10.86/94)	2.51	2.47	2.45
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.00	6.00	6.02
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.08	10.08	10.08
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)	4.20	4.20	4.42
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	29.24
ab)	TALA	3.90	3.76	3.76
ac)	MUNDRA UMPP (380/4000)	32.59	51.60	39.11
ad)	SASAN (372/3960)	38.88	47.83	9.61
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	17.23	17.58	2.88
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	474.14	530.02	395.43
	LOSSES	-9.35	-11.31	-13.13
	NET SCHEDULED	464.79	518.71	382.30
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)	97.19	110.80	107.08
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	80.99	80.08	80.08
25	INDIAN ENERGY EXCHANGE	-7.74	-6.81	-6.81
	TOTAL(B): (19 TO 25)	613.35	685.28	540.77
	TOTAL GENERATION (A +B) : 1 TO 25			1431.72
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-9.04
	GRAND TOTAL	1688.36	1527.20	1422.68
	LAST YEAR	1753.63	1867.32	1578.57

3. SYSTEM PARAMETERS AS ON 03-Jul-17

MAXIMUM DRAWL ON 03-Jul-17	6862 MW at 20.45-21.00 Hrs 49.99 Hz
MINIMUM DRAWL ON 03-Jul-17	5322 MW at 04.15-04.30 Hrs 49.98 Hz
Max U/D of the day	752 MW at 18.30-18.45 Hrs 49.98 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	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
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	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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 3-Jul-17	49.97 Hz
Max O/D of the day	361 MW at 14.00-14.15 Hrs 49.94 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	13.82
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.21
ABOVE 50.05 HZ	11.97
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.	4-Jul-17	4-Jul-16		
Gandhi Sagar (Fl.)	1312	1250	NA	1283.90	3835	NIL
R.P.Sagar (Fl.)	1157.5	1128	1139.24	1146.35	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	972.00	975.40	1307	NIL
Kota Barrage(Fl.)	854.5	852.3	850.10	851.00		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1572.35	1576.22	22686	37372
Dehar (Fl.)	2941	2900	2923.62	2925.72	8375	22221
Pong(Fl.)	1421	1260	1301.34	1292.48	4010	22270
Mahi-I (Mts.)	281.5	259	269.45	266.30	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
4.Jul.17	KTPS	247856	12.5 DAYS
	STPS	87959	3.5 DAYS
	CHHABRA	78326	10.5 DAYS
	KALISINDH	138455	10 DAYS

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

4.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	HRS01	55.00	50	12.00	50	03.Oct.15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNL)
DCCPP	GT01	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	HRS02*	55.00	50	12.00	50	13.Jul.16	16.35			BOXED UP
DCCPP	GT02*	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	1	250.00	229	55.00	229	11.May.17	20.57			DRUM LEVEL LOW/PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RVNL ON DT. 13.05.17)
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 RVNL 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	135.00	565	21.Jun.17	7.13			BOXED UP
KALISINDH	1*	600.00	565	135.00	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 RVNL ON DT 03.07.17 AT 12.54 HRS)
Total(A) STATE SECTOR- PLANNED OUTAGE										
		4200.00	3821.00	915.00	3821.00					

CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	06.Apr.17	0.23			LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	06.Apr.17	21.18			LESS GAS AVAILABILITY
DADRI	GT03	130.19	22	5.30	22	06.Apr.17	21.27			LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	07.May.17	22.03			LESS GAS AVAILABILITY
AURAIYA	GT06	109.30	12	2.90	12	12.May.17	21.05			LESS GAS AVAILABILITY
AURAIYA	GT03	111.19	18	4.40	18	12.May.17	21.13			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	30.May.17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	30.May.17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT01	111.19	18	4.40	18	30.May.17	5.22			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	08.Jun.17	12.16			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	09.Jun.17	21.51			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	09.Jun.17	22.05			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	09.Jun.17	22.31			LESS GAS AVAILABILITY
DADRI TBH	1	490.00	15	0.00	0	30.Jun.17	9.00	03.Jul.17	8.02	LESS DEMAND
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE										
		1987.58	298.00	68.60	283.00					

(B) FORCED 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-4	
RAJWEST	1	135.00	120	28.68	120	28.Jun.17	14.58		08.Jul.17	BOILER REFRACTORY DAMAGED	
CHHABRA	2	250.00	225	54.00	225	29.Jun.17	9.45		04.Jul.17	BOILER TUBE LEAKAGE	
BARSINGGAR	2	125.00	110	26.40	110	29.Jun.17	21.10		04.Jul.17	DESYNCHRONIZED DUE TO REFRACTORY FAILURE	
RAMGARH	GT01	37.50	29	7.00	29	01.Jul.17	12.19		04.Jul.17	HIGH VIBERATION	
RAMGARH	GT02	37.50	29	7.00	29	02.Jul.17	17.21		04.Jul.17	GRID FAILURE	
RAMGARH	STG01	37.50	10	3.00	10	02.Jul.17	17.21		04.Jul.17	GRID FAILURE	
RAMGARH	GT03	110.00	100	0.00	0	02.Jul.17	17.21		03.Jul.17	8.29	GRID FAILURE
RAMGARH	STG02	50.00	40	0.00	0	02.Jul.17	17.21		03.Jul.17	15.55	GRID FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE											
		907.50	732.50	142.88	592.50						

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
Total(B)-CENTRAL SECTOR- FORCED OUTAGE										
		1000.00	64.00	15.40	64.00					

G.TOTAL										
				158.28	656.50					

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 (\$).