



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

Power Position 18-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										
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	1856.60	1852.36	30.41	9.57	8727	8415	49.97	277.45
08.Jul.17	1763.64	1852.59	1889.42	1849.52	26.78	55.45	8568	8275	49.96	217.78
09.Jul.17	1835.33	1715.74	1939.92	1787.04	18.23	26.96	9218	8084	50.00	356.36
10.Jul.17	1938.11	1900.43	1979.04	1751.72	13.12	33.43	9795	7884	49.99	440.83
11.Jul.17	1975.94	1873.34	2057.75	1697.65	16.76	9.54	9613	7598	50.00	470.40
12.Jul.17	1943.50	1849.40	2004.60	1662.20	22.79	26.76	9154	7531	49.99	388.24
13.Jul.17	1867.76	1883.48	1822.66	1613.39	41.91	7.15	8698	7518	49.99	116.90
14.Jul.17	1540.41	1850.58	1689.23	1652.74	52.34	5.81	8018	7509	50.00	94.27
15.Jul.17	1754.32	1878.50	1762.00	1562.13	22.33	7.74	7798	7448	49.99	66.73
16.Jul.17	1730.31	1760.14	1699.62	1418.02	23.31	-8.47	8022	6559	49.99	39.03
17.Jul.17	1717.69	1730.94	1775.55	1420.42	17.17	6.03	8067	6603	49.98	36.95
18.Jul.17	1796.91	1671.28								
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	1975.94	2007.54	2057.75	1852.36	52.34	55.45	9795.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1671.28	1387.56	1418.02	-9.04	-8.47	6861.00	6559.00	49.96	36.95
AVERAGE	1776.36	1849.89	1741.89	1661.08	21.97	14.26	8312.29	7712.18	49.99	259.34
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
		17-Jul-17		
1	KTPS (1240/1240)	222.00	180.00	162.92
2	STPS (1500/1500)	55.00	55.00	45.30
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	36.00	33.92
5	RAPP-A(200/200)	38.00	38.00	40.05
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)	108.00	118.00	182.82
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	260.00	246.00	240.43
11	WIND FARM (3980.40/4119.15)	50.00	5.00	36.95
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	-92.61	-90.59	-90.68
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.50
17	BARSINGH SAR LTPS(250/250)	54.00	54.00	51.83
18	RAJWEST (1080/1080)	229.00	229.00	202.09
	TOTAL (A) : 1-18	970.39	875.41	911.12
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	39.41	39.21	39.58
b)	DEHAR (198/ 990)	29.08	29.06	29.24
c)	PONG (231.66/396)	15.79	10.57	16.16
	TOTAL : a TO c	84.28	78.84	84.98
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	81.81	83.23	78.07
e)	RIHAND (310.24/3000)	82.26	89.06	86.26
f)	UNCHAHAHAR-I(20/420)	0.17	1.12	2.07
g)	UNCHAHAHAR-II& III(61/630)	0.92	4.73	8.37
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.37	4.31	5.99
j)	DADRI GAS (77/830)	0.63	1.04	1.67
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)	5.83	9.10	9.10
n)	RAPP-B (125/440)	31.35	31.35	31.35
o)	RAPP-C (88/440)	19.38	19.38	19.38
p)	SALAL (20.36/690)	4.06	4.39	3.61
q)	URI (70.37/720)	16.53	16.58	16.58
r)	TANAKPUR (10.86/94)	2.51	2.51	2.47
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.98	6.96
u)	CHAMERA-III (25.21/231)	5.97	6.02	6.02
v)	DHAULIGANGA (27/280)	6.42	6.42	6.42
w)	DULHASTI (42.42/390)	10.05	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)	7.50	5.78	5.71
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	33.42
ab)	TALA	3.71	3.71	3.71
ac)	MUNDRA UMPP (380/4000)	90.00	90.00	84.65
ad)	SASAN (372/3960)	89.80	92.06	85.68
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	2.32	4.00	12.37
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	635.79	653.64	667.50
	LOSSES	-14.81	-15.33	-24.32
	NET SCHEDULED	620.98	638.31	643.18
21	BILATERAL (REG.) EXCL. BANKING	26.28	26.28	26.28
22	BANKING	-48.23	-48.23	-48.23
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	130.11	133.25	135.33
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	92.61	90.59	90.68
25	INDIAN ENERGY EXCHANGE	4.77	0.00	0.00
	TOTAL(B): (19 TO 25)	826.52	842.28	847.25
	TOTAL GENERATION (A +B) : 1 TO 25			1758.38
	OVER DRAWAL (+)/UNDER DRAWAL (-)			17.17
	GRAND TOTAL	1796.91	1717.69	1775.55
	LAST YEAR	1671.28	1730.94	1420.42

3. SYSTEM PARAMETERS AS ON 17-Jul-17

MAXIMUM DRAWL ON 17-Jul-17	8067 MW at 22.45-23.00 Hrs 50.05 Hz
MINIMUM DRAWL ON 17-Jul-17	6104 MW at 18.15-18.30 Hrs 50.02 Hz
Max U/D of the day	582 MW at 16.45-17.00 Hrs 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	30
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
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 17-Jul-17	49.98 Hz
Max O/D of the day	516 MW at 18.00-18.15 Hrs 49.99 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.66
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	88.18
ABOVE 50.05 HZ	9.16
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.	18-Jul-17	18-Jul-16	17-Jul-17	17-Jul-17
Gandhi Sagar (Fl.)	1312	1250	1293.18	1287.13	NIL	2254
R.P.Sagar (Fl.)	1157.5	1128	1142.34	1149.22	NIL	nil
Jawahar Sagar (Fl.)	980	970.4	972.30	977.00	NIL	NA
Kota Barrage(Fl.)	854.5	852.3	850.50	852.10		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1596.60	1584.13	30458	56667
Dehar (Fl.)	2941	2900	2921.52	2920.73	8418	35079
Pong(Fl.)	1421	1260	1320.31	1304.56	6828	35594
Mahi-I (Mts.)	281.5	259	271.00	269.90	NIL	NA
Mahi-II (Mts.)	220.5	217	217.95	217.10	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
18.Jul.17	KTPS	229891	11.5 DAYS
	STPS	72581	3 DAYS
	CHHABRA	125898	16.5 DAYS
	KALISINDH	138455	10 DAYS

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

18.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 (S/D W.E.F.15.07.14)
DCCPP	HRS#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			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS#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
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 (SHUT DOWN TAKEN AT 06.40 HRS/18.07.17 FOR 10 DAYS BY KALISINDH)
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11			BOXED UP(ANNUAL S/D FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)
STPS	2*	250.00	229	55.00	229	04.Jul.17	14.22			DESYNCHRONISED (AGAINST STPS#1 WHICH WAS BOXED-UP)
STPS	1	250.00	229	55.00	229	13.Jul.17	3.17			DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RUVNL ON DT. 15.07.17)
KTPS	6	195.00	175	0.00	0	14.Jul.17	17.32	17.Jul.17	13.03	BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUVNL ON DT. 16.07.17)
STPS	3*	250.00	229	55.00	229	16.Jul.17	18.18			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			3560.00	3237.00	735.00	3062.00				
CENTRAL SECTOR										
DADRI	GT#4	130.19	22	5.30	22	06.Apr.17	0.23			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06.Apr.17	21.18			LESS GAS AVAILABILITY
DADRI	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
RHAND	6	500.00	70	16.80	70	03.Jul.17	0.02	31.Jul.17		UNIT ON OVERHAULING
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			1997.58	353.00	85.40	353.00				
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27.Jan.16	15.27	30.Jul.17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
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	11.Jul.17	23.10	19.Jul.17		HIGH PRESSURE BOILER FEED PUMP
RAMGARH	GT#2	37.50	29	0.89	0	12.Jul.17	12.00	18.Jul.17	3.04	TUBE LEAKAGE IN HRS#-11
CHHABRA	2	250.00	225	0.00	0	17.Jul.17	4.38	17.Jul.17	7.07	DRUM LEVEL LOW
RAMGARH	GT#3	110.00	100	0.00	0	17.Jul.17	10.44	17.Jul.17	12.01	MASTER PROTECTION TRIP
RAMGARH	STG#2	50.00	40	0.00	0	17.Jul.17	10.44	17.Jul.17	13.18	MASTER PROTECTION TRIP
CHHABRA	2	250.00	225	54.00	225	17.Jul.17	11.58	19.Jul.17		DESYNCHRONISED DUE TO BTL
KTPS	6	195.00	175	0.00	0	17.Jul.17	15.26	17.Jul.17	17.09	DRUM LEVEL LOW
Total(B) STATE SECTOR-FORCED OUTAGE			1092.50	903.00	81.69	334.00				
CENTRAL SECTOR										
Total(B) CENTRAL SECTOR-FORCED OUTAGE										
G.TOTAL			81.69	334.00						

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 (\$).