



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

Power Position 11-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		
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								
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	1975.94	2007.54	1979.04	1852.36	30.41	55.45	9795.00	8487.00	50.01	482.76
MIN OF THE MONTH	1527.20	1715.74	1387.56	1554.49	-9.04	-3.83	6861.00	7410.00	49.96	59.72
AVERAGE	1783.33	1876.96	1680.08	1721.18	17.68	18.78	8193.90	8034.10	49.99	319.62
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
		10-Jul-17		
1	KTPS (1240/1240)	130.00	130.00	113.12
2	STPS (1500/1500)	55.00	55.00	45.03
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	44.00	45.00	42.68
5	RAPP-A(200/200)	38.00	38.00	39.92
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	108.00	207.47
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	275.00	234.30
11	WIND FARM (3980.40/4119.15)	380.00	350.00	440.83
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	-86.71	-70.16	-70.16
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.02
17	BARSINGHSAR LTPS(250/250)	54.00	53.00	50.16
18	RAJWEST (1080/1080)	201.00	201.00	147.14
	TOTAL (A) : 1-18	1217.29	1190.84	1256.51
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	38.64	37.91	38.18
b)	DEHAR (198/ 990)	28.99	29.37	29.30
c)	PONG (231.66/396)	14.63	9.83	15.17
	TOTAL : a TO c	82.26	77.10	82.65
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.69	83.08	76.62
e)	RIHAND (310.24/3000)	80.86	85.66	81.82
f)	UNCHAHAR-I(20/420)	3.01	0.45	1.95
g)	UNCHAHAR-II& III(61/630)	8.68	3.03	7.73
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	3.00	2.17	3.97
j)	DADRI GAS (77/830)	3.07	5.44	3.69
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)	9.07	9.14	9.14
n)	RAPP-B (125/440)	31.26	31.26	31.26
o)	RAPP-C (88/440)	19.38	19.38	19.38
p)	SALAL (20.36/690)	4.79	4.79	4.67
q)	URI (70.37/720)	16.74	16.62	16.32
r)	TANAKPUR (10.86/94)	2.06	2.47	2.33
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)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.42	6.50	6.31
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	2.17	2.17	2.17
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	5.40	4.50	4.50
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	28.61
ab)	TALA	3.93	3.90	3.90
ac)	MUNDRA UMPP (380/4000)	69.12	69.12	69.12
ad)	SASAN (372/3960)	83.83	89.07	62.72
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.24	27.85	13.48
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	638.75	646.47	614.72
	LOSSES	-17.23	-17.65	-23.28
	NET SCHEDULED	621.53	628.81	591.44
21	BILATERAL (REG.) EXCL. BANKING	26.23	26.23	26.23
22	BANKING	-48.28	-48.28	-48.28
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	83.75	78.61	83.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	86.71	70.16	70.16
25	INDIAN ENERGY EXCHANGE	-11.30	-13.41	-13.41
	TOTAL(B): (19 TO 25)	758.65	747.26	709.41
	TOTAL GENERATION (A +B) : 1 TO 25			1965.92
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.12
	GRAND TOTAL	1975.94	1938.11	1979.04
	LAST YEAR	1873.34	1900.43	1751.72

3. SYSTEM PARAMETERS AS ON 10-Jul-17

MAXIMUM DRAWL ON 10-Jul-17	9795 MW at 23.15-23.30Hrs 49.99 Hz
MINIMUM DRAWL ON 10-Jul-17	6706 MW at 18.30-18.45 Hrs 50.01 Hz
Max U/D of the day	327 MW at 06.00-06.15 Hrs 49.97 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	1
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 (cusses)	Inflow (cusses)
	Max.	Min.	11-Jul-17	11-Jul-16		
Gandhi Sagar (Ft.)	1312	1250	1293.16	1285.05	6350	897
R.P.Sagar (FL)	1157.5	1128	1140.24	1147.58	NIL	1755
Jawahar Sagar (Ft.)	980	970.4	972.90	975.60	NIL	185
Kota Barrage(FL)	854.5	852.3	852.20	850.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1583.10	1580.35	30684	53274
Dehar (FL)	2941	2900	2920.01	2924.67	8713	21788
Pong(FL)	1421	1260	1306.88	1235.03	6810	23776
Mahi-I (Mts.)	281.5	259	269.30	266.90	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.85	217.00	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	10-Jul-17	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	495 MW at 22.15-22.30 Hrs 50.00 Hz		11-Jul-17	KTPS	266739	13.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	4.97					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.91					
ABOVE 50.05 HZ	17.12					
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		KALISINDH	138455	10 days	
No. of 132 KV Feeders Disconnected	0					

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

11-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	HRSG#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 PMS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRSG#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	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(ANNUAL S/D FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)
CHHABRA	1*	250.00	225	54.00	225	04-Jul-17	9.42			BOXED UP(S/D FOR 05 DAYS W.E.F. 22.45 HRS DT 07.07.17 DUE TO AIR PRE HEATER PROBLEM)
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										
		4045.00	3679.00	881.00	3679.00					

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	3.96	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	109.20	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	109.20	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			UNIT ON OVERHAULING
Total(A-CENTRAL SECTOR- PLANNED OUTAGE										
		1997.58	353.00	85.40	353.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	28.68	120	28-Jun-17	14.58	11-Jul-17		BOILER REFRACTORY DAMAGED
RAMGARH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	30-Jul-17		HIGH VIBERATION
RAMGARH	STG#2	50.00	40	0.00	0	09-Jul-17	23.50	10-Jul-17	1.48	VOLTAGE JERK
RAMGARH	STG#1	37.50	10	0.00	0	10-Jul-17	15.12	10-Jul-17	16.20	VOLTAGE JERK
RAMGARH	STG#1	37.50	10	0.21	0	10-Jul-17	23.09	11-Jul-17	1.40	VOLTAGE JERK
RAMGARH	STG#1	37.50	10	0.31	0	11-Jul-17	2.18	11-Jul-17	4.49	HIGH PRESSURE BOILER FEED PUMP
Total(B) STATE SECTOR-FORCED OUTAGE										
		347.50	258.50	53.00	218.50					
CENTRAL SECTOR										
DADRI	GT#5	154.51	16	0.00	0	10-Jul-17	7.35	10-Jul-17	8.46	COOLING WATER PROBLEM
Total(B) CENTRAL SECTOR-FORCED OUTAGE										
		154.51	16.00	0.00	0.00					
G.TOTAL				53.00	218.50					

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 (\$).