



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

Power Position 09-Jun-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-Jun-17	1961.94	2208.45	1683.42	1964.07	15.16	-11.54	8575	9405	49.96	102.83
02-Jun-17	2088.83	2272.54	1894.26	2071.75	13.72	-10.25	8984	9906	49.96	133.92
03-Jun-17	2027.54	2284.65	1942.90	2114.62	53.75	-3.14	9328	9749	49.96	228.05
04-Jun-17	2088.65	2246.10	2005.73	2080.79	16.19	16.19	9498	9483	49.96	453.76
05-Jun-17	2084.17	2032.23	2159.11	2046.77	27.46	57.46	10251	9390	49.97	455.82
06-Jun-17	2179.91	2139.93	2211.92	2022.48	21.53	15.73	10347	9358	49.98	468.24
07-Jun-17	2265.23	2198.85	2131.84	2091.35	56.13	17.72	10069	9380	50.02	362.14
08-Jun-17	2127.22	2258.73	1931.97	2088.34	32.13	-6.18	9492	9471	50.01	235.69
09-Jun-17	1953.01	2316.44								
10-Jun-17										
11-Jun-17										
12-Jun-17										
13-Jun-17										
14-Jun-17										
15-Jun-17										
16-Jun-17										
17-Jun-17										
18-Jun-17										
19-Jun-17										
20-Jun-17										
21-Jun-17										
22-Jun-17										
23-Jun-17										
24-Jun-17										
25-Jun-17										
26-Jun-17										
27-Jun-17										
28-Jun-17										
29-Jun-17										
30-Jun-17										
MAXIMUM OF THE MONTH	2265.23	2316.44	2211.92	2114.62	56.13	57.46	10347.00	9906.00	50.02	468.24
MIN OF THE MONTH	1953.01	2032.23	1683.42	1964.07	13.72	-11.54	8575.00	9358.00	49.96	102.83
AVERAGE	2079.35	2197.39	1995.14	2060.02	29.51	9.50	9568.00	9517.75	49.98	305.06
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.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10322	(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 Assessment 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
		8-Jun-17		
1	KTPS (1240/1240)	222.00	176.00	157.10
2	STPS (1500/1500)	55.00	55.00	43.93
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	28.00	43.00	43.67
5	RAPP-A(200/200)	38.00	38.00	40.00
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)	162.00	162.00	191.45
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	348.55
11	WIND FARM (3980.40/4119.15)	120.00	290.00	235.69
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	-60.23	-56.13	-56.21
16	BIOMASS – (101.95/119.25)	6.00	5.00	6.17
17	BARSINGHAR LTPS(250/250)	54.00	54.00	51.64
18	RAJWEST (1080/1080)	201.00	201.00	154.96
	TOTAL (A) : 1-18	1245.77	1387.87	1216.94
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.19	21.44	21.36
b)	DEHAR (198/ 990)	29.63	30.09	28.28
c)	PONG (231.66/396)	21.75	20.27	20.49
	TOTAL : a TO c	72.57	71.80	70.13
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	66.67	82.09	64.37
e)	RIHAND (310.24/3000)	94.20	101.06	82.17
f)	UNCHAHAHAR-I(20/420)	3.02	0.34	2.37
g)	UNCHAHAHAR-II& III(61/630)	9.02	1.78	8.90
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	2.69	0.73	3.82
j)	DADRI GAS (77/830)	4.04	2.66	4.21
k)	ANTA (83.07/419)	6.21	7.57	9.41
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.24	7.68	7.68
n)	RAPP-B (125/440)	30.32	30.32	30.32
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	4.69	4.69	4.55
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	1.15	1.18	1.36
s)	CHAMERA –I (105.84/540)	25.12	25.12	25.12
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.07	6.07	6.07
v)	DHAULIGANGA (27/280)	5.41	5.88	4.94
w)	DULHASTI (42.42/390)	10.08	10.08	10.08
x)	SEWA (13/120)	2.17	2.44	2.51
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	6.75	6.75	6.75
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	26.61	20.40	26.55
ab)	TALA	1.27	1.22	1.22
ac)	MUNDRA UMPP (380/4000)	49.05	70.80	59.28
ad)	SASAN (372/3960)	30.34	41.85	31.99
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.47	17.71	7.57
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	564.01	598.04	549.22
	LOSSES	-21.71	-15.76	-21.09
	NET SCHEDULED	542.30	582.28	528.13
21	BILATERAL (REG.) EXCL. BANKING	26.22	26.22	26.22
22	BANKING	-36.10	-36.10	-36.10
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.59	105.34	108.43
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	60.23	56.13	56.21
25	INDIAN ENERGY EXCHANGE	0.00	0.00	0.00
	TOTAL(B): (19 TO 25)	707.24	739.35	682.89
	TOTAL GENERATION (A +B) : 1 TO 25			1899.84
	OVER DRAWAL (+)/UNDER DRAWAL (-)			32.13
	GRAND TOTAL	1953.01	2127.22	1931.97
	LAST YEAR	2316.44	2258.73	2088.34

3.SYSTEM PARAMETERS AS ON 08-Jun-17

MAXIMUM DRAWL ON 08-Jun-17	9492 MW at 0.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 08-Jun-17	6470 MW at 19.00 Hrs 49.96 Hz
Max U/D of the day	621 MW at 19.15 Hrs 50.01 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 & <50.0 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	56
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	14
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
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	8-Jun-17 50.01 Hz
Max O/D of the day	829 MW at 21.15 Hrs 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	NA
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	37
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.	9-Jun-17	9-Jun-16		
Gandhi Sagar (Ft.)	1312	1250	1294.87	1285.25	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1137.23	1142.41	NIL	NA
Jawahar Sagar (Ft.)	980	970.4	974.80	973.20	NIL	185
Kota Barrage(Ft.)	854.5	852.3	853.20	851.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1562.78	1573.04	15567	31442
Dehar (Ft.)	2941	2900	2925.19	2935.10	8383	9619
Pong(Ft.)	1421	1260	1293.98	1276.38	10510	8978
Mahi-I (Mts.)	281.5	259	269.55	266.25	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.00	217.40	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
9-Jun-17	KTPS	115736	6 days
	STPS	125397	5 days
	CHHABRA	92007	12 days
	KALISINDH	89241	6.5 days

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

9-Jun-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 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	HRS02*	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	1	250.00	229	55.00	229	11-May-17	20.57	DRUM LEVEL LOW(PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RUVNL 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	2*	250.00	229	55.00	229	29-May-17	5.54	BOXED UP
KTPS	1*	110.00	100	23.00	100	31-May-17	11.42	BOXED UP
KTPS	2*	110.00	100	23.00	100	31-May-17	11.52	BOXED UP
KTPS	5*	210.00	192	46.00	192	04-Jun-17	12.00	08-Jun-17 16.01 BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		2135.00	1907.00	455.80	1907.00			

CENTRAL SECTOR

DABRI	GT#4	130.19	22	5.30	22	20-Mar-17	8.00	LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	06-Apr-17	0.05	LESS GAS AVAILABILITY
DABRI	GT#5	154.51	16	3.90	16	16-Apr-17	0.23	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
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		770.89	102.00	24.80	102.00			

(B) FORCE OUTAGE

STATE SECTOR									
STATE SECTOR									
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	30-Jun-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	09-Jun-17	COAL FEEDING PROBLEM
RAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	09-Jun-17	GRID FAILURE
RAMGARH	GT#2	37.50	29	7.00	29	22-May-17	9.12	09-Jun-17	GRID FAILURE
RAJWEST	3	135.00	120	28.68	120	27-May-17	8.19	13-Jun-17	M/T BOILER REFRACTORY DAMAGE
ADANI	2	660.00	600	144.00	600	04-Jun-17	1.45	09-Jun-17	DEPLETION OF COAL STOCK ON ACCOUNT OF SEVERE FINANCIAL LIQUIDITY CRISIS
KTPS	3	210.00	192	0.00	0	08-Jun-17	6.04	09-Jun-17 8.35	PRIMARY AIR HEADER PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		1455.00	1246.00	253.48	1054.00				
CENTRAL SECTOR									
UNCHAHAR	2	210.00	24	5.70	24	19-May-17	12.59		BOILER TUBE LEAKAGE
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13		LESS GAS AVAILABILITY
UNCHAHAR	4	210.00	24	0.00	0	07-Jun-17	0.11	07-Jun-17 13.17	BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		531.19	66.00	10.10	42.00				
G.TOTAL				263.58	1096.00				

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 (\$).