



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

Power Position 14-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	1784.35	2055.56	39.13	6.95	8845	9514	50.01	135.23
10-Jun-17	1932.34	2274.17	1850.49	2084.06	56.92	5.52	8493	9324	50.00	117.28
11-Jun-17	1949.34	2211.35	1763.12	1959.70	29.31	-1.82	8870	9168	50.01	51.75
12-Jun-17	2063.82	2109.98	1911.59	1818.09	23.28	15.40	9026	8567	50.00	245.81
13-Jun-17	2124.24	2219.59	1919.15	1935.50	26.54	-3.99	9406	8649	49.99	280.21
14-Jun-17	2077.20	2160.92								
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	56.92	57.46	10347.00	9906.00	50.02	468.24
MIN OF THE MONTH	1932.34	2032.23	1683.42	1818.09	13.72	-11.54	8493.00	8567.00	49.96	51.75
AVERAGE	2062.70	2196.66	1937.68	2025.62	31.63	7.54	9321.85	9335.69	49.99	251.59
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
		13-Jun-17		
1	KTPS (1240/1240)	216.00	262.00	187.20
2	STPS (1500/1500)	55.00	55.00	45.65
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	43.00	42.96
5	RAPP-A(200/200)	38.00	38.00	40.46
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)	218.00	218.00	190.73
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	340.63
11	WIND FARM (3980.40/4119.15)	200.00	250.00	280.21
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.00
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	-68.13	-70.52	-70.52
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.72
17	BARSINGHAR LTPS(250/250)	54.00	54.00	51.21
18	RAJWEST (1080/1080)	201.00	172.00	134.68
	TOTAL (A) : 1-18	1384.87	1446.48	1248.93
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.33	26.41	26.97
b)	DEHAR (198/ 990)	27.40	21.92	22.11
c)	PONG (231.66/396)	18.84	18.21	16.80
	TOTAL : a TO c	72.56	66.54	65.88
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	59.02	58.34	54.32
e)	RIHAND (310.24/3000)	101.71	101.02	98.02
f)	UNCHAHAAR-I(20/420)	0.61	0.28	0.95
g)	UNCHAHAAR-II& III(61/630)	2.34	1.13	3.58
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.20	0.54	1.85
j)	DADRI GAS (77/830)	0.83	0.44	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	9.24	9.24
n)	RAPP-B (125/440)	30.58	30.58	30.58
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	4.69	4.69	4.60
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	0.83	1.04	0.93
s)	CHAMERA –I (105.84/540)	14.70	17.64	15.86
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.02	6.02	5.64
v)	DHAULIGANGA (27/280)	3.58	3.76	3.52
w)	DULHASTI (42.42/390)	10.08	10.08	10.08
x)	SEWA (13/120)	1.08	1.35	1.35
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	32.45	27.22	27.22
z)	TEHRI (75/1000)	3.75	3.75	3.75
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	14.52	15.85	12.54
ab)	TALA	1.27	0.88	0.88
ac)	MUNDRA UMPP (380/4000)	52.32	52.32	52.32
ad)	SASAN (372/3960)	74.43	76.12	63.35
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.98	21.01	6.38
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	563.50	553.56	518.13
	LOSSES	-22.32	-21.96	-20.61
	NET SCHEDULED	541.18	531.60	497.52
21	BILATERAL (REG.) EXCL. BANKING	20.26	14.24	14.24
22	BANKING	-36.10	-36.10	-36.10
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	114.49	109.14	114.49
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	68.13	70.52	70.52
25	INDIAN ENERGY EXCHANGE	-15.63	-16.99	-16.99
	TOTAL(B): (19 TO 25)	692.33	677.76	643.68
	TOTAL GENERATION (A +B) : 1 TO 25			1892.61
	OVER DRAWAL (+)/UNDER DRAWAL (-)			26.54
	GRAND TOTAL	2077.20	2124.24	1919.15
	LAST YEAR	2160.92	2219.59	1935.49

3.SYSTEM PARAMETERS AS ON 13-Jun-17

MAXIMUM DRAWL ON 13-Jun-17	9406 MW at 23.00-23.15 Hrs 49.97 Hz
MINIMUM DRAWL ON 13-Jun-17	7058 MW at 18.30-18.45 Hrs 49.99 Hz
Max U/D of the day	364 MW at 4.15 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	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	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	14-Jun-17	14-Jun-16		
Gandhi Sagar (Ft.)	1312	1250	1294.61	1284.35	578	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.47	1143.75	NIL	NA
Jawahar Sagar (Ft.)	980	970.4	975.00	973.70	NIL	NA
Kota Barrage(Ft.)	854.5	852.3	852.80	850.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1567.16	1573.11	20048	29906
Dehar (Ft.)	2941	2900	2919.94	2931.69	6189	6189
Pong(Ft.)	1421	1260	1291.42	1276.86	1518	1518
Mahi-I (Mts.)	281.5	259	269.50	266.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.95	217.25	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		13-Jun-17	49.99 Hz
Max O/D of the day		596 MW at 23.15 Hrs 49.97 Hz	
Frequency Profile		% of Time	
LESS THAN 49.7 HZ		0.00	
LESS THAN 49.90 HZ		4.57	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		79.48	
ABOVE 50.05 HZ		15.95	
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	

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
14-Jun-17	KTPS	10940	5.5 DAYS
	STPS	125426	5 DAYS
	CHHABRA	85950	11.5 DAYS
	KALISINDH	88811	6.5 DAYS

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

14-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)
DCPP	HRSG#1	55.00	50	12.00	50	03-Oct-15	23.35	DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVAL)
DCPP	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)
DCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP
DCPP	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 RUVAL 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
Total(A)STATE SECTOR-PLANNED OUTAGE		1915.00	1707.00	409.80	1707.00			

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(A)CENTRAL SECTOR-PLANNED OUTAGE		770.89	102.00	24.80	102.00			

(B) FORCE OUTAGE

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	DATE	TIME	REASON OF OUTAGE	
STATE SECTOR									
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR	
RAMGARH	STG#1	37.50	10	0.00	0	07-May-17	14.02	GRID FAILURE	
RAMGARH	GT#2	37.50	29	7.00	29	22-May-17	9.12	GRID FAILURE	
RAJWEST	3	135.00	120	28.68	120	27-May-17	8.19	M/T BOILER REFACTORY DAMAGE	
ADANI	2	660.00	600	144.00	600	04-Jun-17	1.45	DEPLETION OF COAL STOCK ON ACCOUNT OF SEVERE FINANCIAL LIQUIDITY CRISIS	
RAJWEST	4	135.00	120	0.00	0	12-Jun-17	20.58	BED MATERIAL LEAKAGE	
KTPS	3	210.00	192	46.00	192	13-Jun-17	20.22	TURBINE PROBLEM	
Total(B)STATE SECTOR-FORCED OUTAGE		1340.00	1141.00	242.48	1011.00				
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	
Total(B)CENTRAL SECTOR-FORCED OUTAGE		321.19	42.00	10.10	42.00				
G.TOTAL				252.58	1053.00				

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 (\$).