



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

Power Position 02-Jun-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. -MAY- 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-Jun-17	1961.94	2208.45	1683.42	1964.07	15.16	-11.54	8575.00	9405.00	49.96	102.83
02-Jun-17	2088.83	2272.54								
03-Jun-17										
MAXIMUM OF THE MONTH	2088.83	2272.54	1683.42	1964.07	15.16	-11.54	8575.00	9405.00	49.96	102.83
MIN OF THE MONTH	1961.94	2208.45	1683.42	1964.07	15.16	-11.54	8575.00	9405.00	49.96	102.83
AVERAGE	2025.39	2240.50	1683.42	1964.07	15.16	-11.54	8575.00	9405.00	49.96	102.83
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2144.66		27-May-17	
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10305	(23.15-23.30 Hrs.)	27-May-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.)							445.99		22-Apr-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
		1-Jun-17		
1	KTPS (1240/1240)	222.00	222.00	193.65
2	STPS (1500/1500)	55.00	55.00	45.42
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	41.00	40.72
5	RAPP-A(200/200)	38.00	38.00	41.26
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	139.66
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	564.00	564.00	422.26
11	WIND FARM (3980.40/4119.15)	180.00	120.00	102.83
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	-65.21	-65.54	-65.85
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.10
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.18
18	RAJWEST (1080/1080)	201.00	200.00	141.96
	<b>TOTAL (A) : 1-18</b>	<b>1429.79</b>	<b>1368.46</b>	<b>1093.19</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.72	21.76	22.94
b)	DEHAR (198/ 990)	23.20	23.20	23.20
c)	PONG (231.66/396)	19.77	21.16	23.02
	<b>TOTAL : a TO c</b>	<b>67.69</b>	<b>66.12</b>	<b>69.16</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.28	48.36	53.67
e)	RIHAND (310.24/3000)	99.90	75.41	75.49
f)	UNCHAHAAR-I(20/420)	0.00	0.41	1.17
g)	UNCHAHAAR-II& III(61/630)	0.94	2.90	5.64
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.15	1.40	3.16
j)	DADRI GAS (77/830)	2.67	2.38	2.84
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)	9.17	9.19	9.19
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)	4.70	4.62	4.59
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	1.05	1.00	1.06
s)	CHAMERA –I (105.84/540)	25.12	24.75	24.75
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.04	6.04	6.04
v)	DHAULIGANGA (27/280)	3.45	3.33	3.20
w)	DULHASTI (42.42/390)	10.08	10.11	10.08
x)	SEWA (13/120)	1.90	1.90	1.90
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	5.93	5.93	5.93
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	16.12	17.17	22.34
ab)	TALA	3.34	1.16	1.16
ac)	MUNDRA UMPP (380/4000)	51.36	30.55	36.01
ad)	SASAN (372/3960)	68.56	57.39	42.29
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	15.23	20.24	5.89
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	579.82	498.51	493.73
	LOSSES	-15.30	-11.83	-17.51
	NET SCHEDULED	<b>564.52</b>	<b>486.68</b>	<b>476.22</b>
21	BILATERAL (REG.) EXCL. BANKING	23.92	24.21	21.43
22	BANKING	-36.04	-36.04	-36.04
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	69.66	61.04	57.75
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	65.21	65.54	65.85
25	INDIAN ENERGY EXCHANGE	-28.23	-10.13	-10.13
	<b>TOTAL(B): (19 TO 25)</b>	<b>659.04</b>	<b>593.49</b>	<b>575.07</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1668.26</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			15.16
	<b>GRAND TOTAL</b>	<b>2088.83</b>	<b>1961.95</b>	<b>1683.43</b>
	LAST YEAR	2272.54	2208.45	1964.06

## 3.SYSTEM PARAMETERS AS ON 01-Jun-17

MAXIMUM DRAWL ON 01-Jun-17	8575 MW at 23.15-23.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 01-Jun-17	5989 MW at 04.00-04.15 Hrs 49.99Hz
Max U/D of the day	339 MW at 00.15 Hrs 49.99 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	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
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	27
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
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	5
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	1-Jun-17 49.96 Hz
Max O/D of the day	601 MW at 06.30 Hrs 49.99Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	17.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.31
ABOVE 50.05 HZ	11.29
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.	2-Jun-17	2-Jun-16	1-Jun-17	1-Jun-17
Gandhi Sagar (Ft.)	1312	1250	1295.20	1286.05	1441	186
R.P.Sagar (Ft.)	1157.5	1128	1136.85	1141.50	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.50	972.40	NIL	104
Kota Barrage(Ft.)	854.5	852.3	852.40	852.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1569.40	NA	NA
Dehar (Ft.)	2941	2900	NA	2924.67	NA	NA
Pong(Ft.)	1421	1260	NA	1282.48	NA	NA
Mahi-I (Mts.)	281.5	259	NA	266.30	NA	NA
Mahi-II (Mts.)	220.5	217	NA	217.60	NA	NA

## 5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
2-Jun-17	KTPS	158621	8 DAYS
	STPS	135358	5.5 DAYS
	CHHABRA	98173	13 DAYS
	KALISINDH	80036	5.5 DAYS

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

2-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)
DC CPP	HRSG#1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RU/NL)
DC CPP	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)
DC CPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DC CPP	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 RU/NL 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
Total(A) STATE SECTOR- PLANNED OUTAGE		1925.00	1715.00	409.80	1715.00					

## CENTRAL SECTOR

ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
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		1190.22	229.00	55.50	229.00					

## (B) FORCE OUTAGE

## STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)	DATE	TIME	DATE	TIME	REASON OF OUTAGE		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	02-Jul-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	02-Jul-17	COAL FEEDING PROBLEM	
RAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	02-Jul-17	GRID FAILURE	
RAMGARH	GT#2	37.50	29	7.00	29	22-May-17	9.12	02-Jul-17	GRID FAILURE	
BARSINGAR	1	125.00	110	26.40	110	25-May-17	5.31	02-Jul-17	REFRACTORY FALLOUT	
RAJWEST	3	135.00	120	28.68	120	27-May-17	8.19	02-Jul-17	M/T BOILER REFRACTORY DAMAGE	
RAMGARH	STG#2	50.00	40	0.00	0	01-Jun-17	10.05	01-Jun-17	12.06	LP DRUM LEVEL SEMSING MALL FUNCTION
TOTAL STATE FORCE OUTAGE		760.00	604.00	135.88	564.00					

## CENTRAL SECTOR

ENCHABAR	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				145.98	606.00					

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 (\$).