



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

<b>Power Position 07-Jun-17</b>	<b>Point No.</b>
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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								
08-Jun-17										
09-Jun-17										
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	2284.65	2211.92	2114.62	53.75	57.46	10347.00	9906.00	49.98	468.24
MIN OF THE MONTH	1961.94	2032.23	1683.42	1964.07	13.72	-11.54	8575.00	9358.00	49.96	102.83
AVERAGE	2089.16	2174.84	1982.89	2050.08	24.64	10.74	9497.17	9548.50	49.97	307.10
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
		6-Jun-17		
1	KTPS (1240/1240)	176.00	176.00	155.87
2	STPS (1500/1500)	55.00	55.00	47.15
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	42.00	43.29
5	RAPP-A(200/200)	38.00	38.00	39.90
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	233.71
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	419.00	381.58
11	WIND FARM (3980.40/4119.15)	450.00	460.00	468.24
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.28
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	-25.50	-19.91	-19.91
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.53
17	BARSINGHAR LTPS(250/250)	54.00	26.00	29.99
18	RAJWEST (1080/1080)	201.00	201.00	184.35
	<b>TOTAL (A) : 1-18</b>	<b>1578.50</b>	<b>1562.09</b>	<b>1569.99</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.66	22.25	23.04
b)	DEHAR (198/ 990)	28.15	23.20	24.44
c)	PONG (231.66/396)	16.61	15.71	16.16
	<b>TOTAL : a TO c</b>	<b>67.41</b>	<b>61.16</b>	<b>63.64</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	82.36	82.09	82.09
e)	RIHAND (310.24/3000)	101.02	86.34	93.03
f)	UNCHAHAAR-I(20/420)	1.48	1.31	3.51
g)	UNCHAHAAR-II& III(61/630)	9.96	5.02	9.79
h)	INDIRA GANDHI STPS(JHA/JHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	1.91	2.29	4.18
j)	DADRI GAS (77/830)	4.29	1.77	3.08
k)	ANTA (83.07/419)	10.05	5.82	7.96
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.10	4.42	4.42
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)	4.64	4.69	4.66
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	1.26	1.27	1.38
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)	6.42	5.64	5.87
w)	DULHASTI (42.42/390)	9.87	10.05	10.05
x)	SEWA (13/120)	3.09	1.63	1.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	4.72	4.13	4.13
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.34	26.87
ab)	TALA	1.18	1.40	1.40
ac)	MUNDRA UMPP (380/4000)	66.57	52.32	50.47
ad)	SASAN (372/3960)	38.75	64.80	61.91
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	17.28	18.61	16.24
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	596.11	574.42	595.63
	LOSSES	-16.70	-16.49	-23.30
	NET SCHEDULED	<b>579.41</b>	<b>557.93</b>	<b>572.33</b>
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)	91.70	57.15	50.52
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	25.50	19.91	19.91
25	INDIAN ENERGY EXCHANGE	0.00	-12.47	-12.47
	<b>TOTAL(B): (19 TO 25)</b>	<b>686.73</b>	<b>617.82</b>	<b>620.41</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2190.40</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			21.53
	<b>GRAND TOTAL</b>	<b>2265.23</b>	<b>2179.91</b>	<b>2211.92</b>
	LAST YEAR	2198.85	2139.93	2022.49

## 3.SYSTEM PARAMETERS AS ON 06-Jun-17

MAXIMUM DRAWL ON 06-Jun-17	10251 MW at 23.45-00.00 Hrs 49.94 HZ
MINIMUM DRAWL ON 06-Jun-17	7820 MW at 19.00-19.15 Hrs 50.05 HZ
Max U/D of the day	309 MW at 22.00-22.15 Hrs 49.98 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 HZ	5
No. of Blocks in which Freq. >= 49.9 & <50.00 HZ	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	2
No. of Blocks in which Freq. >= 50.00 & <50.05 HZ	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	2
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	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 HZ	2
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	6-Jun-17 49.98 HZ
Max O/D of the day	565 MW at 10.00-10.15 Hrs 49.98 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	9.14
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.37
ABOVE 50.05 HZ	14.49
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.	7-Jun-17	7-Jun-16	6-Jun-17	6-Jun-17
Gandhi Sagar (Ft.)	1312	1250	1294.92	1285.46	1130	410
R.P.Sagar (Ft.)	1157.5	1128	1136.99	1142.00	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	974.60	973.00	582	NIL
Kota Barrage(Ft.)	854.5	852.3	853.40	851.70		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1559.76	1572.95	16420	28235
Dehar (Ft.)	2941	2900	2929.33	2933.46	7382	15159
Pong(Ft.)	1421	1260	1293.98	1277.45	8006	10559
Mahi-I (Mts.)	281.5	259	269.51	266.25	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.05	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
7-Jun-17	KTPS	122655	6 days
	STPS	123771	5 days
	CHHABRA	77335	10 days
	KALISINDH	90256	6.5 days

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

7-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.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	GT01	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	GT02*	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			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		2135.00	1907.00	455.80	1907.00					

## CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	20-Mar-17	8.00			LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	06-Apr-17	0.05			LESS GAS AVAILABILITY
DADRI	GT05	154.51	16	3.90	16	16-Apr-17	0.23			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAIYA	GT01	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-I
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	08-Jun-17		COAL FEEDING PROBLEM
RAMGARH	STG01	37.50	10	3.00	10	07-May-17	14.02	07-Jun-17		GRID FAILURE
RAMGARH	GT02	37.50	29	7.00	29	22-May-17	9.12	07-Jun-17		GRID FAILURE
BARSINGSAR	1	125.00	110	0.00	0	25-May-17	5.31	06-Jun-17	15.58	REFRACTORY FALLOUT
RAJWEST	3	135.00	120	28.68	120	27-May-17	8.19	13-Jun-17		M/T BOILER REFRACTORY DAMAGE
ADANI	2	600.00	600	144.00	600	04-Jun-17	1.45			DEPLETION OF COAL STOCK ON ACCOUNT OF SEVERE FINANCIAL LIQUIDITY CRISIS
CHHABRA	4	250.00	225	0.00	0	06-Jun-17	14.59	06-Jun-17	17.33	LOSS OF ALL FUEL
Total(B) STATE SECTOR-FORCED OUTAGE		1620.00	1389.00	253.48	1054.00					

## CENTRAL SECTOR

UNCHAHAR	2	210.00	24	5.70	24	19-May-17	12.59			BOILER TUBE LEAKAGE
AURAIYA	GT03	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
RHIND	6	500.00	58	0.00	0	06-Jun-17	2.54	06-Jun-17	15.48	HV TURBINE EXHAUST TEMP HIGH
Total(B) CENTRAL SECTOR- FORCED OUTAGE		321.19	42.00	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 (\$).