



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

<b>Power Position 05-Jul-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.Jul.17	1598.79	<b>2007.54</b>	1429.11	<b>1750.35</b>	<b>26.54</b>	-0.27	7214	<b>8343</b>	49.99	59.72
02.Jul.17	<b>1733.97</b>	1949.49	1387.56	1647.08	20.29	-3.83	6861	7817	<b>50.01</b>	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	<b>1480.05</b>	1554.49	-0.57	<b>26.84</b>	<b>7462</b>	7516	49.99	<b>482.76</b>
05.Jul.17	1686.14	1852.92								
06.Jul.17										
07.Jul.17										
08.Jul.17										
09.Jul.17										
10.Jul.17										
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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	<b>1733.97</b>	<b>2007.54</b>	<b>1480.05</b>	<b>1750.35</b>	<b>26.54</b>	<b>26.84</b>	<b>7462.00</b>	<b>8343.00</b>	<b>50.01</b>	<b>482.76</b>
MIN OF THE MONTH	<b>1527.20</b>	<b>1753.63</b>	<b>1387.56</b>	<b>1554.49</b>	<b>-9.04</b>	<b>-3.83</b>	<b>6861.00</b>	<b>7410.00</b>	<b>49.97</b>	<b>59.72</b>
AVERAGE	<b>1708.58</b>	<b>1907.82</b>	<b>1429.85</b>	<b>1632.62</b>	<b>9.31</b>	<b>10.30</b>	<b>7099.75</b>	<b>7771.50</b>	<b>49.99</b>	<b>246.29</b>
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.)	<b>06.Jun.17</b>	
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.)	<b>ON 16-02-17</b>	
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 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
		4-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	36.33
2	STPS (1500/1500)	55.00	55.00	42.80
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	34.00	24.43
5	RAPP-A(200/200)	38.00	38.00	39.70
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)	54.00	108.00	148.39
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	188.50
11	WIND FARM (3980.40/4119.15)	400.00	360.00	482.76
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	-79.22	-80.99	-80.99
16	BIOMASS – (101.95/119.25)	4.00	5.00	3.67
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	22.48
18	RAJWEST (1080/1080)	201.00	201.00	105.65
	<b>TOTAL (A) : 1-18</b>	<b>1058.78</b>	<b>1075.01</b>	<b>1013.73</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.66	29.99	30.32
b)	DEHAR (198/ 990)	29.19	29.33	29.37
c)	PONG (231.66/396)	9.10	8.42	9.32
	<b>TOTAL : a TO c</b>	<b>68.95</b>	<b>67.73</b>	<b>69.01</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	54.55	48.02	13.64
e)	RIHAND (310.24/3000)	52.90	48.08	19.59
f)	UNCHAHAHAR-I(20/420)	3.05	2.63	2.16
g)	UNCHAHAHAR-II& III(61/630)	9.48	7.55	6.55
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	4.04	2.05	3.38
j)	DADRI GAS (77/830)	4.67	3.64	2.82
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)	9.19	9.24	9.24
n)	RAPP-B (125/440)	31.69	31.69	31.69
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.79	4.79	4.79
q)	URI (70.37/720)	16.74	16.31	16.09
r)	TANAKPUR (10.86/94)	2.47	2.51	2.37
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)	5.97	6.00	6.00
v)	DHAULIGANGA (27/280)	6.42	6.50	6.50
w)	DULHASTI (42.42/390)	10.05	10.08	10.08
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	4.50	4.20	4.20
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	20.40	28.39
ab)	TALA	3.89	3.90	3.90
ac)	MUNDRA UMPP (380/4000)	26.70	32.59	14.42
ad)	SASAN (372/3960)	53.76	38.88	13.03
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	17.15	17.23	0.29
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	501.46	474.14	358.25
	LOSSES	-10.97	-9.35	-11.65
	NET SCHEDULED	<b>490.49</b>	<b>464.79</b>	<b>346.59</b>
21	BILATERAL (REG.) EXCL. BANKING	26.32	26.32	26.32
22	BANKING	-48.20	-48.20	-48.20
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	103.19	92.91	68.94
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	79.22	80.99	80.99
25	INDIAN ENERGY EXCHANGE	-23.66	-7.74	-7.74
	<b>TOTAL(B): (19 TO 25)</b>	<b>627.36</b>	<b>613.35</b>	<b>466.90</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1480.63</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.57
	<b>GRAND TOTAL</b>	<b>1686.14</b>	<b>1688.36</b>	<b>1480.06</b>
	LAST YEAR	1852.92	1753.63	1554.49

3. SYSTEM PARAMETERS AS ON 04-Jul-17

MAXIMUM DRAWL ON 04-Jul-17	7462 MW at 23.15-23.30 Hrs 50.02 Hz
MINIMUM DRAWL ON 04-Jul-17	5453 MW at 04.00-04.15 Hrs 50.01 Hz
Max U/D of the day	552 MW at 06.15-06.30 Hrs 50.02 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	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
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	41
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	13
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	10
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 4-Jul-17	49.99 Hz
Max O/D of the day	478 MW at 10.30-10.45 Hrs 50.06 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.77
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.87
ABOVE 50.05 HZ	22.36
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.	5-Jul-17	5-Jul-16		
Gandhi Sagar (Fl.)	1312	1250	1293.64	1283.90	3835	1311
R.P.Sagar (Fl.)	1157.5	1128	1139.42	1146.37	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	972.40	975.70	1307	NIL
Kota Barrage(Fl.)	854.5	852.3	850.00	850.90		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1574.04	1576.54	24435	41970
Dehar (Fl.)	2941	2900	2924.14	2920.34	6470	19330
Pong(Fl.)	1421	1260	1302.28	1293.32	4503	18019
Mahi-I (Mts.)	281.5	259	269.45	266.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.65	217.05	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
5.Jul.17	KTPS	252340	12.5 DAYS
	STPS	92336	3.5 DAYS
	CHHABRA	73029	10 DAYS
	KALISINDH	138455	10 DAYS

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

5.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 (SD W.E.F.15.07.14)
DCCPP	HRS0#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)
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	HRS0#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	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	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
KTPS	3	210.00	192	46.00	192	13.Jun.17	20.22				TURBINE PROBLEM (PERMISSION NOT GRANTED BY RU/NL 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
KTPS	7	195.00	175	42.00	175	01.Jul.17	18.36				FLAME FAILURE (PERMISSION NOT GRANTED BY RU/NL ON DT 03.07.17 AT 12.54 HRS)
CHHABRA	2	250.00	225	54.00	225	29.Jun.17	9.45				BOILER TUBE LEAKAGE/NOT PERMITTED TO LIGHT UP BY OP. M. NO. 238 FROM 18.45 HRS. 02.07.17
CHHABRA	1*	250.00	225	54.00	225	04.Jul.17	9.42				BOXED UP
STPS	2	250.00	229	55.00	229	04.Jul.17	14.22				DESYNCHRONISED/AGAINST STPS#1 WHICH WAS BOXED-UP
Total STATE SECTOR- PLANNED OUTAGE											
		4950.00	4500.00	1078.00	4500.00						

CENTRAL SECTOR

DABRI	GT#4	130.19	22	5.30	22	06.Apr.17	0.23				LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	06.Apr.17	21.18				LESS GAS AVAILABILITY
DABRI	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	109.30	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	109.30	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
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
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE											
		1497.58	283.00	68.60	283.00						

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR											
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	08.Jul.17			BOILER REFRACTORY DAMAGED
BARINGSAR	2	125.00	110	26.40	110	29.Jun.17	21.10	05.Jul.17			DESYNCHRONIZED DUE TO REFRACTORY FAILURE
RAMGARH	GT#1	37.50	29	7.00	29	01.Jul.17	12.19	05.Jul.17			HIGH VIBERATION
RAMGARH	GT#2	37.50	29	0.00	0	02.Jul.17	17.21	04.Jul.17	11.10		GRID FAILURE
RAMGARH	STG#1	37.50	10	0.00	0	02.Jul.17	17.21	04.Jul.17	19.44		GRID FAILURE
RAMGARH	GT#3	110.00	100	0.00	0	04.Jul.17	10.17	04.Jul.17	18.11		EMERGENCY TRIP
RAMGARH	STG#2	50.00	40	0.00	0	04.Jul.17	10.17	04.Jul.17	21.46		EMERGENCY TRIP
ADANI	1	660.00	600	0.00	0	04.Jul.17	11.13	04.Jul.17	14.09		R PHASE CVT
RAMGARH	STG#1	37.50	10	3.00	10	05.Jul.17	1.02	05.Jul.17			VOLTAGE JERK
Total B STATE SECTOR-FORCED OUTAGE											
		1355.00	1117.50	81.88	138.50						

CENTRAL SECTOR

BHAJJAR	1	500.00	5	1.20	5	24.Jun.17	23.09				BOILER TUBE LEAKAGE
RIBHAND	6	500.00	59	14.20	59	29.Jun.17	21.07				ELECTRICAL FAULT
RIBHAND	2	500.00	58	13.80	58	04.Jul.17	15.20				BOILER TUBE LEAKAGE
Total B CENTRAL SECTOR- FORCED OUTAGE											
		1000.00	64.00	29.20	64.00						

G.TOTAL

111.08 402.50

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 (\$).