



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

Power Position 13-Jul-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		
Jun-17										
01-Jul-17	1598.79	<b>2007.54</b>	1429.11	1750.35	26.54	-0.27	7214	8343	49.99	59.72
02-Jul-17	1733.97	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	1480.05	1554.49	-0.57	26.84	7462	7516	49.99	<b>482.76</b>
05-Jul-17	1686.14	1852.92	1642.02	1661.54	25.78	8.44	8338	8110	49.99	459.66
06-Jul-17	1862.49	1781.84	1774.40	1779.17	25.26	12.78	8894	<b>8487</b>	<b>50.01</b>	458.93
07-Jul-17	1773.03	1952.72	1856.60	<b>1852.36</b>	<b>30.41</b>	9.57	8727	8415	49.97	277.45
08-Jul-17	1763.64	1852.59	1889.42	1849.52	26.78	<b>55.45</b>	8568	8275	49.96	217.78
09-Jul-17	1835.33	1715.74	1939.92	1787.04	18.23	26.96	9218	8084	50.00	356.36
10-Jul-17	1938.11	1900.43	1979.04	1751.72	13.12	33.43	<b>9795</b>	7884	49.99	440.83
11-Jul-17	<b>1975.94</b>	1873.34	<b>2057.75</b>	1697.65	16.76	9.54	9613	7598	50.00	470.40
12-Jul-17	1943.50	1849.40	2004.60	1662.20	22.79	26.76	9154	7531	49.99	388.24
13-Jul-17	1867.76	1883.48								
14-Jul-17										
15-Jul-17										
16-Jul-17										
17-Jul-17										
18-Jul-17										
19-Jul-17										
20-Jul-17										
21-Jul-17										
22-Jul-17										
23-Jul-17										
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>1975.94</b>	<b>2007.54</b>	<b>2057.75</b>	<b>1852.36</b>	<b>30.41</b>	<b>55.45</b>	<b>9795.00</b>	<b>8487.00</b>	<b>50.01</b>	<b>482.76</b>
MIN OF THE MONTH	<b>1527.20</b>	<b>1715.74</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>49.96</b>	<b>59.72</b>
AVERAGE	<b>1800.80</b>	<b>1875.46</b>	<b>1738.60</b>	<b>1714.31</b>	<b>18.03</b>	<b>18.68</b>	<b>8392.17</b>	<b>7955.83</b>	<b>49.99</b>	<b>337.90</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.)	06-Jun-17	
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.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-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
		12-Jul-17		
1	KTPS (1240/1240)	130.00	130.00	113.27
2	STPS (1500/1500)	58.00	55.00	45.31
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	41.00	36.28
5	RAPP-A(200/200)	38.00	38.00	39.65
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.29
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	108.00	185.60
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	246.00	274.79
11	WIND FARM (3980.40/4119.15)	230.00	380.00	388.24
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	-86.86	-91.73	-92.33
16	BIOMASS – (101.95/119.25)	5.00	4.00	5.45
17	BARSINGHSAR LTPS(250/250)	54.00	52.00	50.78
18	RAJWEST (1080/1080)	220.00	201.00	155.86
	<b>TOTAL (A) : 1-18</b>	<b>1078.14</b>	<b>1163.27</b>	<b>1203.19</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.87	36.41	33.75
b)	DEHAR (198/ 990)	29.06	29.24	28.85
c)	PONG (231.66/396)	5.73	12.23	5.57
	<b>TOTAL : a TO c</b>	<b>69.66</b>	<b>77.88</b>	<b>68.18</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.77	91.71	110.12
e)	RIHAND (310.24/3000)	81.52	80.90	81.09
f)	UNCHAHAR-I(20/420)	1.58	3.34	3.01
g)	UNCHAHAR-II& III(61/630)	7.14	11.53	10.91
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	3.02	5.79	5.63
j)	DADRI GAS (77/830)	2.19	1.46	2.40
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)	9.07	9.07	9.07
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	19.38	19.38	19.38
p)	SALAL (20.36/690)	4.70	4.79	3.30
q)	URI (70.37/720)	16.60	16.74	16.62
r)	TANAKPUR (10.86/94)	2.47	2.47	2.34
s)	CHAMERA –I (105.84/540)	24.39	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.42	6.42	6.42
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	3.28	2.17	3.03
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	5.25	5.40	5.25
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	20.40	32.30
ab)	TALA	3.78	3.87	3.87
ac)	MUNDRA UMPP (380/4000)	69.12	69.12	69.12
ad)	SASAN (372/3960)	104.55	76.80	72.90
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.92	20.88	12.05
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	<b>TOTAL SCHEDULE(a TO af)</b>	<b>650.51</b>	<b>643.58</b>	<b>650.46</b>
	LOSSES	-17.02	-16.39	-24.99
	<b>NET SCHEDULED</b>	<b>633.49</b>	<b>627.19</b>	<b>625.47</b>
21	BILATERAL (REG.) EXCL. BANKING	26.23	26.23	26.23
22	BANKING	-48.28	-48.28	-48.28
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	91.32	78.86	83.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	86.86	91.73	92.33
25	INDIAN ENERGY EXCHANGE	0.00	-0.39	-0.39
	<b>TOTAL(B): (19 TO 25)</b>	<b>789.63</b>	<b>780.22</b>	<b>778.62</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>1981.82</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.79
	<b>GRAND TOTAL</b>	<b>1867.76</b>	<b>1943.50</b>	<b>2004.60</b>
	LAST YEAR	1883.48	1849.40	1662.20

## 3.SYSTEM PARAMETERS AS ON 12-Jul-17

MAXIMUM DRAWL ON 12-Jul-17	9154 MW at 00.45-01.00Hrs 49.96 Hz
MINIMUM DRAWL ON 12-Jul-17	6934 MW at 18.30-18.45 Hrs 49.98 Hz
Max U/D of the day	415 MW at 04.00-04.15 Hrs 50 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	3
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	51
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	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	8
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
AVERAGE FREQ. FOR THE DAY 12-Jul-17	49.99 Hz
Max O/D of the day	379 MW at 05.30-05.45Hrs 49.84 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.77
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.94
ABOVE 50.05 HZ	16.29
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	22
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.	13-Jul-17	13-Jul-16		
Gandhi Sagar (Ft.)	1312	1250	1293.05	1286.28	6294	NA
R.P.Sagar (Ft.)	1157.5	1128	1140.50	1148.17	NIL	8422
Jawahar Sagar (Ft.)	980	970.4	972.10	974.80	149	NIL
Kota Barrage(Ft.)	854.5	852.3	850.00	850.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1586.89	1580.77	26480	50567
Dehar (Ft.)	2941	2900	2920.80	2921.65	8433	27528
Pong(Ft.)	1421	1260	1311.11	1296.85	2507	42121
Mahi-I (Mts.)	281.5	259	269.45	269.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.65	217.00	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
13-Jul-17	KTPS	264553	13 days
	STPS	86038	3.5 days
	CHHABRA	93456	12.5 days
	KALISINDH	138455	10 days

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

13-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	HRSG#1	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	HRSG#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	6*	250.00	229	55.00	229	16-May-17	21.41				BOXED UP
STPS	4*	250.00	229	4.81	0	27-May-17	18.11	13-Jul-17	2.06		BOXED UP
STPS	3*	250.00	229	55.00	229	12-Jun-17	12.43				BOXED UP
KTPS	3	210.00	192	46.00	192	13-Jun-17	20.23				TURBINE PROBLEM (PERMISSION NOT GRANTED BY RUVNL 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	135.00	565	21-Jun-17	7.13				BOXED UP
KALISINDH	1*	600.00	565	135.00	565	29-Jun-17	12.44				BOXED UP
CHHABRA	4*	250.00	225	54.00	225	02-Jul-17	19.11				BOXED UP/ANNUAL S/D FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)
CHHABRA	1*	250.00	225	54.00	225	04-Jul-17	9.42				BOXED UP/ S/D FOR 05 DAYS W.E.F. 22.45 HRS DT 07.07.17 DUE TO AIR PRE HEATER PROBLEM)
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											
		4045.00	3679.00	830.81	3450.00						
CENTRAL SECTOR											
DADRI	GT#4	130.19	22	5.30	22	06-Apr-17	0.23				LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18				LESS GAS AVAILABILITY
DADRI	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
RHHAND	6	500.00	70	16.80	70	03-Jul-17	0.02				UNIT ON OVERHAULING
Total CENTRAL SECTOR- PLANNED OUTAGE											
		1997.58	353.00	85.40	353.00						
(B) FORCED 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	0.80	0	28-Jun-17	14.58	13-Jul-17	0.40		BOILER REFRACTORY DAMAGED
RAMGARH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	30-Jul-17			HIGH VIBERATION
RAMGARH	STG#2	50.00	40	0.00	0	11-Jul-17	8.26	13-Jul-17	1.26		VERY HIGH INLET AIR FILTER DP OF GT3
RAMGARH	STG#1	37.50	10	3.00	10	11-Jul-17	23.10	13-Jul-17			HIGH PRESSURE BOILER FEED PUMP
RAMGARH	GT#2	37.50	29	7.00	29	12-Jul-17	12.00	15-Jul-17			TUBE LEAKAGE IN HRSG-11
STPS	1	250.00	229	47.47	229	13-Jul-17	3.17	14-Jul-17			DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM
Total STATE SECTOR-FORCED OUTAGE											
		671.50	526.50	82.07	367.00						
CENTRAL SECTOR											
UNCHAHAR	2	210.00	11	0.00	0	12-Jul-17	17.54	12-Jul-17	22.18		TRIPPED DUE TO FLAME FAILURE
Total CENTRAL SECTOR-FORCED OUTAGE											
		210.00	11.00	0.00	0.00						
G.TOTAL				82.07	367.00						

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 (\$).