



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

<b>Power Position 25-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		
Jun-17										
01-Jul-17	1598.79	2007.54	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	50.01	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	482.76
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	8487	50.01	458.93
07-Jul-17	1773.03	1952.72	1856.60	1852.36	30.41	9.57	8727	8415	49.97	277.45
08-Jul-17	1763.64	1852.59	1889.42	1849.52	26.78	55.45	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	9795	7884	49.99	440.83
11-Jul-17	1975.94	1873.34	2057.75	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	1822.66	1613.39	41.91	7.15	8698	7518	49.99	116.90
14-Jul-17	1540.41	1850.58	1689.23	1652.74	52.34	5.81	8018	7509	50.00	94.27
15-Jul-17	1754.32	1878.50	1762.00	1562.13	22.33	7.74	7798	7448	49.99	66.73
16-Jul-17	1730.31	1760.14	1699.62	1418.02	23.31	-8.47	8022	6559	49.99	39.03
17-Jul-17	1717.69	1730.94	1775.55	1420.42	17.17	6.03	8067	6603	49.98	36.95
18-Jul-17	1796.91	1671.28	1723.41	1573.58	-6.65	38.36	8227	7536	49.98	45.61
19-Jul-17	1741.66	1713.29	1756.14	1693.85	-2.50	38.82	7783	7991	50.00	50.19
20-Jul-17	1807.35	1750.83	1725.97	1781.16	-7.18	31.23	8098	8466	50.01	72.88
21-Jul-17	1983.70	1930.22	1706.54	1899.37	5.29	8.43	8070	8974	49.99	32.11
22-Jul-17	1902.40	2061.26	1616.82	1955.73	8.08	17.17	7729	9099	50.00	96.50
23-Jul-17	1742.40	2030.81	1438.61	2052.57	8.01	49.67	7131	9168	50.02	110.44
24-Jul-17	1759.99	2121.65	1456.96	1933.88	23.28	27.21	6877	8944	50.01	147.38
25-Jul-17	1479.76	2027.91								
26-Jul-17										
27-Jul-17										
28-Jul-17										
29-Jul-17										
30-Jul-17										
31-Jul-17										
MAXIMUM OF THE MONTH	1983.70	2121.65	2057.75	2052.57	52.34	55.45	9795.00	9168.00	50.02	482.76
MIN OF THE MONTH	1479.76	1671.28	1387.56	1418.02	-9.04	-8.47	6861.00	6559.00	49.96	32.11
AVERAGE	1775.70	1876.30	1709.86	1713.69	16.74	18.89	8134.33	7970.21	49.99	206.83
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 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
		24-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	37.03
2	STPS (1500/1500)	55.00	55.00	44.86
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	45.73
5	RAPP-A(200/200)	36.00	36.00	40.51
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	212.00	214.99
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	424.00	268.54
11	WIND FARM (3980.40/4119.15)	120.00	160.00	147.38
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	-79.81	-69.01	-69.52
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.13
17	BARSINGHAR LTPS(250/250)	54.00	54.00	47.71
18	RAJWEST (1080/1080)	66.00	172.00	91.64
	<b>TOTAL (A) : 1-18</b>	<b>795.19</b>	<b>1137.99</b>	<b>875.00</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.90	37.01	36.16
b)	DEHAR (198/ 990)	29.86	29.68	29.32
c)	PONG (231.66/396)	10.91	15.46	14.45
	<b>TOTAL : a TO c</b>	<b>75.67</b>	<b>82.14</b>	<b>79.92</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.03	61.52	49.41
e)	RIHAND (310.24/3000)	95.94	85.73	81.60
f)	UNCHAHAHAR-I(20/420)	0.40	0.26	2.24
g)	UNCHAHAHAR-II& III(61/630)	2.23	3.74	9.49
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	1.60	0.75	5.74
j)	DADRI GAS (77/830)	0.22	2.79	1.67
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)	9.10	9.12	9.12
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	20.58	20.58	20.58
p)	SALAL (20.36/690)	4.74	4.68	4.68
q)	URI (70.37/720)	16.72	16.74	16.76
r)	TANAKPUR (10.86/94)	2.51	2.51	2.47
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.02	5.97	5.97
v)	DHAULIGANGA (27/280)	6.50	6.42	6.42
w)	DULHASTI (42.42/390)	10.09	10.05	10.05
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83
z)	TEHRI (75/1000)	14.25	14.25	14.06
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	35.71
ab)	TALA	3.71	3.68	3.68
ac)	MUNDRA UMPP (380/4000)	56.67	51.41	41.13
ad)	SASAN (372/3960)	45.11	50.56	25.99
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.15	14.07	5.97
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	583.95	568.68	533.96
	LOSSES	-8.15	-7.70	-17.79
	NET SCHEDULED	<b>575.79</b>	<b>560.98</b>	<b>516.17</b>
21	BILATERAL (REG.) EXCL. BANKING	26.35	26.35	26.35
22	BANKING	0.00	-48.17	-48.17
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	44.00	54.64	38.68
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	79.81	69.01	69.52
25	INDIAN ENERGY EXCHANGE	-41.39	-43.86	-43.86
	<b>TOTAL(B): (19 TO 25)</b>	<b>684.58</b>	<b>621.99</b>	<b>558.70</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1433.70</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.28
	<b>GRAND TOTAL</b>	<b>1479.76</b>	<b>1759.99</b>	<b>1456.98</b>
	LAST YEAR	2027.91	2121.65	1933.88

**3.SYSTEM PARAMETERS AS ON 24-Jul-17**

MAXIMUM DRAWL ON 24-Jul-17	6877 MW at 22.15-22.30 Hrs 50.01 Hz
MINIMUM DRAWL ON 24-Jul-17	5253 MW at 18.15-18.30 Hrs 50.00 Hz
Max O/D of the day	532 MW at 17.15-17.30 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	28
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	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	14
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	18
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	7
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 24-Jul-17	50.01 Hz

**4.WATER LEVEL OF MAJOR RESERVOIR**

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	25-Jul-17	25-Jul-16		
Gandhi Sagar (Fl.)	1312	1250	1294.06	1287.20	N/A	304
R.P.Sagar (Fl.)	1157.5	1128	1143.23	1149.27	NIL	210
Jawahar Sagar (Fl.)	980	970.4	972.30	975.40	3624	278
Kota Barrage(Fl.)	854.5	852.3	851.60	851.00		
RMC					20	
L.MC					NIL	
Bhakra(Fl.)	1690	1462	1607.82	1591.32	27750	56949
Dehar (Fl.)	2941	2900	2921.58	2922.11	8455	29778
Pong(Fl.)	1421	1260	1331.29	1310.28	6829	41381
Mahi-I (Mts.)	281.5	259	272.65	270.30	NIL	6570
Mahi-II (Mts.)	220.5	217	218.00	217.10	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
25-Jul-17	KTPS	249895	12.5 days
	STPS	87322	3.5 days
	CHHABRA	119459	16 days
	KALISINDH	167240	12 days

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

25-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	HRSG1	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	11.85			M/T AFTER CARRYING OUT PMS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)	
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP	
DCCPP	GT2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP	
STPS	5*	250.00	229	55.00	229	18-May-17	17.00			BOXED UP	
STPS	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP	
KTPS	4*	210.00	192	46.00	192	20-Jun-17	12.06			BOXED UP (SHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS)	
KALISINDH	1*	600.00	565	135.00	565	29-Jun-17	12.44			BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/10.07.17 FOR 10 DAYS BY KALISINDH)	
CHHABRA	4*	250.00	225	0.00	0	02-Jul-17	19.11	24-Jul-17	0.25	BOXED UP (ANNUAL SD FOR 15 DAYS W.E.F. 00.00 HRS DT 00.07.17)	
STPS	2*	250.00	229	55.00	229	04-Jul-17	14.22			DESYNCHRONISED (AGAINST STPS) WHICH WAS BOXED-UP	
STPS	1	250.00	229	55.00	229	13-Jul-17	3.17			DESYNCHRONISED DUE TO STEAM LEAKAGE IN BOILER DRUM (PERMISSION NOT GRANTED BY RUVNL ON DT. 15.07.17)	
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18			BOXED UP	
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01			DESYNCHRONISED DUE TO CLEANGING OF CONDENSER (PERMISSION NOT GRANTED BY RUVNL ON DT. 19.07.17 W.E.F. 16.43 HRS)	
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46			BOXED UP	
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48			BOXED UP	
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48			BOXED UP	
KTPS	6*	195.00	175	42.00	175	22-Jul-17	17.18			BOXED UP	
KALISINDH	2	600.00	565	135.00	565	24-Jul-17	12.06			BOXED UP	
Total STATE SECTOR-PLANNED OUTAGE		4200.00	3821.00	861.00	3596.00						

**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
AURAYVA	GT#4	111.19	18	4.40	18	07-May-17	22.83			LESS GAS AVAILABILITY
AURAYVA	GT#6	109.30	12	2.90	12	12-May-17	21.85			LESS GAS AVAILABILITY
AURAYVA	GT#3	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
AURAYVA	GT#2	111.19	18	4.40	18	30-May-17	5.06			LESS GAS AVAILABILITY
AURAYVA	GT#5	109.30	12	2.90	12	30-May-17	5.15			LESS GAS AVAILABILITY
AURAYVA	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
BIHAND		500.00	70	16.80	70	03-Jul-17	0.02	31-Jul-17		UNIT ON OVERHAULING
Total CENTRAL SECTOR-PLANNED OUTAGE		1997.58	353.00	85.40	353.00					

**(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-1
RAMGARH	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	30-Jul-17			HIGH VIBRATION
RAJWEST	1	135.00	120	28.68	120	23-Jul-17	1.56	24-Jul-17			CONDENSER TUBE LEAKAGE
RAJWEST	2	135.00	120	28.68	120	23-Jul-17	2.00	24-Jul-17			CONDENSER TUBE LEAKAGE
CHHABRA	4	250.00	225	54.00	225	24-Jul-17	18.24				STATION TRIP PROBLEM
CHHABRA	3	250.00	225	0.00	0	24-Jul-17	18.37	24-Jul-17	21.33		DRUM LEVEL HIGH
Total STATE SECTOR-FORCED OUTAGE		932.50	780.00	135.16	564.00						

**CENTRAL SECTOR**

STPP(BHABHAR)	2	500.00	5	1.20	5	23-Jul-17	2.45				BOILER TUBE LEAKAGE
UNCHHAR	3	210.00	3	0.00	0	24-Jul-17	0.40	24-Jul-17	3.44		LOSS OF OIL FUEL
Total CENTRAL SECTOR-FORCED OUTAGE		710.00	8.00	1.20	5.00						

**G.TOTAL**

136.36 569.00

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 (\$).