



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

Power Position 24-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	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								
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	1983.70	2121.65	2057.75	2052.57	52.34	55.45	9795.00	9168.00	50.02	482.76
MIN OF THE MONTH	1527.20	1671.28	1387.56	1418.02	-9.04	-8.47	6861.00	6559.00	49.96	32.11
AVERAGE	1787.54	1870.24	1720.86	1704.12	16.45	18.52	8189.00	7927.87	49.99	209.41
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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received									
											21-Jul-17			22-Jul-17			23-Jul-17		
1	KTPS (1240/1240)	130.00	176.00	128.18	42.00	130.00	82.29	42.00	42.00	36.91									
2	STPS (1500/1500)	55.00	55.00	43.78	55.00	55.00	43.31	55.00	55.00	43.15									
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
4	RAMGARH (273.5/273.5)	44.00	44.00	45.28	45.00	44.00	40.63	46.00	45.00	42.47									
5	RAPP-A(200/200)	36.00	38.00	40.05	36.00	36.00	40.34	36.00	36.00	40.09									
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.54	0.00	0.00	1.19	0.00	0.00	1.79									
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
9	CHHABRA TPS 1000/1000)	162.00	162.00	187.80	162.00	162.00	238.66	212.00	162.00	254.04									
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	410.00	411.00	333.01	424.00	410.00	308.81	424.00	424.00	308.06									
11	WIND FARM (3980.40/4119.15)	80.00	60.00	32.11	100.00	80.00	96.50	160.00	100.00	110.44									
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
15	OPEN ACCESS	-60.83	-55.99	-55.99	-79.95	-60.83	-61.06	-69.01	-79.95	-80.20									
16	BIOMASS – (101.95/119.25)	6.00	7.00	5.64	4.00	6.00	3.73	6.00	4.00	5.23									
17	BARSINGHAR LTPS(250/250)	54.00	54.00	50.61	54.00	54.00	47.32	54.00	54.00	43.30									
18	RAJWEST (1080/1080)	229.00	229.00	124.44	175.00	229.00	124.01	172.00	175.00	93.24									
	TOTAL (A) : 1-18	1145.17	1180.01	936.45	1017.05	1145.17	965.74	1137.99	1017.05	898.52									
19	BBMB COMPLEX																		
a)	BHAKRA(230.79/1516.3)	37.44	37.82	37.68	37.57	37.44	37.18	37.01	37.57	37.04									
b)	DEHAR (198/990)	29.68	29.54	29.54	29.68	29.68	29.48	29.68	29.68	29.68									
c)	PONG (231.66/396)	14.92	13.42	15.90	16.30	14.92	15.29	15.46	16.30	15.46									
	TOTAL : a TO c	82.03	80.78	83.12	83.55	82.03	81.95	82.14	83.55	82.18									
20	CENTRAL STATIONS																		
d)	SINGRAULI (300/2000)	90.41	91.46	85.05	86.28	90.41	68.87	61.52	86.28	39.71									
e)	RIHAND (310.24/3000)	95.90	95.94	95.94	95.94	95.90	81.67	85.73	95.94	65.10									
f)	UNCHAHAAR-I(20/420)	0.00	0.19	0.46	0.00	0.00	0.92	0.26	0.00	0.32									
g)	UNCHAHAAR-II & III(61/630)	1.31	1.73	2.29	3.08	1.31	4.00	3.74	3.08	3.61									
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.11	0.18	0.60	0.29	0.11	0.85	0.75	0.29	1.08									
j)	DADRI GAS (77/830)	0.70	2.81	1.17	2.33	0.70	0.48	2.79	2.33	0.42									
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
m)	NAPP (44/440)	9.12	7.68	7.68	9.12	9.12	9.12	9.12	9.12	9.12									
n)	RAPP-B (125/440)	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09									
o)	RAPP-C (88/440)	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58									
p)	SALAL (20.36/690)	4.76	4.76	4.75	4.76	4.76	4.66	4.68	4.76	4.74									
q)	URI (70.37/720)	16.74	16.70	16.46	16.74	16.74	16.36	16.74	16.74	16.74									
r)	TANAKPUR (10.86/94)	2.51	2.51	2.34	2.51	2.51	2.42	2.51	2.51	2.46									
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15	25.15	25.15	25.15	25.15	25.15	25.15									
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96									
u)	CHAMERA-III (25.21/231)	5.97	6.02	6.02	5.97	5.97	5.97	5.97	5.97	6.00									
v)	DHAULIGANGA (27/280)	6.42	6.50	6.50	6.42	6.42	6.42	6.42	6.42	6.42									
w)	DULHASTI (42.42/390)	10.05	10.09	10.09	10.05	10.05	10.05	10.05	10.05	10.05									
x)	SEWA (13/120)	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28									
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83	34.83									
z)	TEHRI (75/1000)	13.95	13.95	13.95	13.95	13.95	13.95	14.25	13.95	12.86									
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	31.01	20.40	32.97	20.40	31.01	33.95	20.40	20.40	34.12									
ab)	TALA	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68									
ac)	MUNDRA UMPP (380/4000)	83.82	90.00	84.92	64.89	83.82	51.10	51.41	64.89	26.73									
ad)	SASAN (372/3960)	61.36	85.66	62.15	60.77	61.36	22.86	50.56	60.77	13.79									
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	11.95	15.02	6.43	14.07	11.95	0.26	14.07	14.07	0.99									
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
	TOTAL SCHEDULED(a TO af)	653.68	677.96	648.47	626.69	653.68	541.42	568.68	626.69	462.01									
	LOSSES	-23.90	-14.54	-23.68	-10.89	-23.90	-19.50	-7.70	-10.89	-16.30									
	NET SCHEDULED	629.78	663.42	624.79	615.80	629.78	521.92	560.98	615.80	445.71									
21	BILATERAL (REG.) EXCL. BANKING	26.28	26.28	26.28	26.28	26.28	26.28	26.35	26.28	26.28									
22	BANKING	-48.23	-48.23	-48.23	-48.23	-48.23	-48.23	-48.17	-48.23	-48.23									
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	117.93	115.06	116.48	115.02	115.29	111.34	57.68	112.65	91.59									
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	60.83	55.99	55.99	79.95	60.83	61.06	69.01	79.95	80.20									
25	INDIAN ENERGY EXCHANGE	-29.36	-10.50	-10.50	-63.46	-29.36	-29.36	-43.86	-63.46	-63.46									
	TOTAL(B): (19 TO 25)	757.22	803.69	764.81	725.35	757.22	643.01	621.99	725.35	532.09									
	TOTAL GENERATION (A +B) : 1 TO 25			1701.25			1608.74			1430.61									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.29			8.08			8.01									
	GRAND TOTAL	1902.40	1983.70	1706.54	1742.40	1902.40	1616.82	1759.99	1742.40	1438.61									
	LAST YEAR	2061.26	1930.22	1899.37	2030.81	2061.26	1955.73	2121.65	2030.81	2052.57									

3. SYSTEM PARAMETERS AS ON 23-Jul-17

MAXIMUM DRAWL ON 23-Jul-17	7131 MW at 00.00-00.15 Hrs 49.98 Hz
MINIMUM DRAWL ON 23-Jul-17	4869 MW at 17.00-17.15 Hrs 50.11 Hz
Max U/D of the day	538 MW at 21.15-21.30 Hrs 49.97 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
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	26
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	11
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 23-Jul-17	50.02 Hz
Max O/D of the day	755 MW at 19.30-19.45 Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	68.26
ABOVE 50.05 HZ	30.14
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.	24-Jul-17	24-Jul-16		
Gandhi Sagar (Ft.)	1312	1250	N/A	1287.20	N/A	N/A
R.P.Sagar (Ft.)	1157.5	1128	1143.16	1149.23	NIL	5034
Jawahar Sagar (Ft.)	980	970.4	971.40	974.80	3624	1694
Kota Barrage(Ft.)	854.5	852.3	851.60	850.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1607.82	1590.99	27750	56949
Dehar (Ft.)	2941	2900	2921.58	2922.63	8455	29778
Pong(Ft.)	1421	1260	1331.29	1309.75	6829	41381
Mahi-I (Mts.)	281.5	259	272.65	270.25	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
24.Jul.17	KTPS	249018	12.5 DAYS
	STPS	86706	3.5 DAYS
	CHHABRA	131433	17.5 DAYS
	KAJISINDH	151795	11 DAYS

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

24. Jul.17

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL (MW)				OUTAGE		EXPECT/REWIVAL		REASON OF OUTAGE
							DATE	TIME	DATE	TIME	
STATE SECTOR											
GIRAL	1	125.00	70	16.80	70	11.Jul.14	8.20				RED MATERIAL LEAKAGE (SD W.E.F. 15.07.14)
DCCPP	HRS0#1	55.00	50	12.80	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	HRS0#2*	55.00	50	12.80	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	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/18.07.17 FOR 10 DAYS BY KALISINDH)
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11				BOXED UP (ANNUAL SD FOR 15 DAYS W.E.F. 00.00 HRS DT 08.07.17)
STPS	2*	250.00	229	55.00	229	04.Jul.17	14.22				DESYNCHRONISED AGAINST STPS#1 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 CLEANING 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
Total STATE SECTOR- PLANNED OUTAGE											
		3600.00	3256.00	779.40	3256.00						

CENTRAL SECTOR

DADRI	GT04	130.19	22	5.30	22	06.Apr.17	0.23				LESS GAS AVAILABILITY
DADRI	GT06	154.51	16	3.90	16	06.Apr.17	21.18				LESS GAS AVAILABILITY
DADRI	GT03	130.19	22	5.30	22	06.Apr.17	21.27				LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	07.May.17	22.03				LESS GAS AVAILABILITY
AURAIYA	GT06	109.30	12	2.90	12	12.May.17	21.05				LESS GAS AVAILABILITY
AURAIYA	GT03	111.19	18	4.40	18	12.May.17	21.13				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
ANTA	GT03	88.71	31	7.50	31	08.Jun.17	12.16				LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	09.Jun.17	21.51				LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	09.Jun.17	22.05				LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	09.Jun.17	22.31				LESS GAS AVAILABILITY
RIBAND	6	500.00	70	16.80	70	03.Jul.17	00.02	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
RAMGABRI	GT01	37.50	29	7.00	29	01.Jul.17	12.19	30.Jul.17			HIGH VIBERATION
RAMGABRI	STG02	50.00	40	0.00	0	22.Jul.17	21.30	23.Jul.17	1.54		GEN. BREAKER TRIP
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
Total STATE SECTOR-FORCED OUTAGE											
		482.50	379.00	81.16	339.00						

CENTRAL SECTOR

Total CENTRAL SECTOR-FORCED OUTAGE											
		500.00	5.00	1.20	5.00						
G.TOTAL				82.36	344.00						

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 (\$).