



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

Power Position 03-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	2017	2017
Jun.17	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
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								
04.Jul.17										
05.Jul.17										
06.Jul.17										
07.Jul.17										
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26.Jul.17										
27.Jul.17										
28.Jul.17										
29.Jul.17										
30.Jul.17										
31.Jul.17										
MAXIMUM OF THE MONTH	1733.97	2007.54	1429.11	1750.35	26.54	-0.27	7214.00	8343.00	50.01	141.91
MIN OF THE MONTH	1527.20	1867.32	1387.56	1647.08	20.29	-3.83	6861.00	7817.00	49.99	59.72
AVERAGE	1719.24	1960.09	1408.34	1698.72	23.42	-2.05	7037.50	8080.00	50.00	100.82
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.)							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	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
			30-Jun-17			1-Jul-17			2-Jul-17	
1	KTPS (1240/1240)	42.00	42.00	38.62	0.00	42.00	27.87	42.00	0.00	11.11
2	STPS (1500/1500)	55.00	55.00	43.62	55.00	55.00	44.51	55.00	55.00	43.40
3	DHOLPUR GAS CCGP (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)	49.00	49.00	48.02	49.00	49.00	45.91	0.00	49.00	31.89
5	RAPP-A(200/200)	38.00	38.00	39.05	38.00	38.00	39.53	38.00	38.00	39.40
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	0.00	0.00	0.00	2.09	0.00	0.00	0.00
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	145.46	162.00	162.00	137.65	108.00	162.00	170.24
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	254.95	288.00	288.00	249.07	288.00	288.00	213.21
11	WIND FARM (3990.40/4119.15)	35.00	25.00	39.84	250.00	25.00	59.72	160.00	250.00	141.91
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	-83.86	-88.18	-89.01	-82.14	-88.18	-83.86	-80.08	-82.14	-82.14
16	BIOMASS - (101.95/119.25)	5.00	5.00	5.47	5.00	5.00	5.93	5.00	5.00	4.73
17	BARSHINGAR LTSP(250/250)	22.00	25.00	24.57	25.00	25.00	19.77	25.00	25.00	18.88
18	RAJWEST (1080/1080)	199.00	172.00	120.47	201.00	172.00	126.91	201.00	201.00	109.69
	TOTAL (A) : 1-18	811.14	772.82	671.06	990.86	772.82	675.10	841.92	990.86	702.32
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.30	28.99	26.63	28.83	28.99	26.72	29.24	28.83	27.72
b)	DEHAR (198/990)	28.98	29.07	29.03	28.76	29.07	28.49	29.20	28.76	28.92
c)	PONG (231.66/396)	6.09	3.04	5.65	4.59	3.04	4.81	5.19	4.59	5.35
	TOTAL : a TO c	61.38	61.10	61.31	62.17	61.10	60.02	63.63	62.17	61.99
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)	80.90	84.37	82.94	75.55	84.37	72.74	55.95	75.55	58.62
e)	RIHAND (310.24/3000)	102.21	101.51	99.50	100.77	101.51	98.60	75.76	100.77	88.58
f)	UNCHAHAR-I(20/420)	2.93	2.50	3.13	2.75	2.50	2.16	2.94	2.75	2.30
g)	UNCHAHAR-II& III(61/630)	9.72	10.02	8.90	9.17	10.02	8.09	10.18	9.17	8.03
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 SI-II (43.22/980) + DADRI-TH	2.30	0.55	1.96	2.04	0.55	2.43	1.86	2.04	1.72
j)	DADRI GAS (77/830)	2.06	3.48	4.02	3.98	3.48	2.25	3.56	3.98	3.22
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)	9.19	8.93	8.93	9.19	8.93	9.19	9.12	9.19	9.19
n)	RAPP-B (125/440)	31.69	31.69	31.69	31.69	31.69	31.69	31.69	31.69	31.69
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)	4.79	4.71	2.91	4.79	4.71	4.79	4.79	4.79	4.79
q)	URI (70.37/720)	10.02	12.35	12.34	10.21	12.35	10.04	10.00	10.21	9.94
r)	TANAKPUR (10.86/94)	2.28	2.02	1.89	2.27	2.02	2.23	2.47	2.27	2.37
s)	CHAMERA-I (105.84/540)	25.17	25.12	25.30	25.15	25.12	25.17	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98	6.98	6.98	6.98	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.00	5.97	5.97	6.00	5.97	6.00	6.00	6.00	5.96
v)	DHAULIGANGA (27/280)	6.50	6.42	6.42	5.89	6.42	6.36	6.50	5.89	5.86
w)	DULHASTI (42.42/390)	10.08	10.07	10.07	10.08	10.07	10.08	10.08	10.08	10.08
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)	34.13	34.13	34.13	34.13	34.13	34.13	34.13	34.13	34.13
z)	TEHRI (75/1000)	3.75	3.75	3.75	4.20	3.75	3.72	4.20	4.20	3.91
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	29.60	27.54	20.40	29.55	20.40	27.54	28.95
ab)	TALA	3.63	3.63	3.63	3.15	3.63	3.63	3.76	3.15	3.15
ac)	MUNDRA UMPP (380/4000)	50.88	50.88	50.88	51.60	50.88	50.88	51.60	51.60	51.60
ad)	SASAN (372/3960)	72.84	121.27	81.01	60.47	121.27	60.92	47.83	60.47	29.80
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	16.51	22.11	10.76	16.51	22.11	6.33	17.58	16.51	0.29
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)	600.17	657.81	611.85	590.15	657.81	571.84	530.02	590.15	512.16
	LOSSES	-15.37	-18.06	-22.71	-22.06	-18.06	-21.10	-11.31	-22.06	-18.64
	NET SCHEDULED	584.80	639.75	589.14	568.09	639.75	550.73	518.71	568.09	493.53
21	BILATERAL (REG.) EXCL. BANKING	26.28	26.28	26.28	26.28	26.28	26.28	26.32	26.28	26.28
22	BANKING	-48.24	-43.37	-43.37	-48.24	-43.37	-48.24	-48.20	-48.24	-48.24
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.85	113.12	115.14	114.85	113.12	114.85	115.18	109.87	111.25
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	83.86	88.18	89.01	82.14	88.18	83.86	80.08	82.14	82.14
25	INDIAN ENERGY EXCHANGE	0.00	0.00	0.00	0.00	0.00	0.00	-6.81	0.00	0.00
	TOTAL(B): (19 TO 25)	761.55	825.97	776.19	743.11	825.97	727.47	685.28	743.11	664.95
	TOTAL GENERATION (A +B) : 1 TO 25			1447.25			1402.57			1367.27
	OVER DRAWAL (+)/UNDER DRAWAL (-)			20.06			26.54			20.29
	GRAND TOTAL	1572.69	1598.79	1467.31	1733.97	1598.79	1429.11	1527.20	1733.97	1387.56
	LAST YEAR	2007.54	1908.60	1875.45	1949.49	2007.54	1750.35	1867.32	1949.49	1647.08

3. SYSTEM PARAMETERS AS ON 02-Jul-17

MAXIMUM DRAWL ON 02-Jul-17	6861 MW at 00.00-00.15 Hrs 49.98 Hz
MINIMUM DRAWL ON 02-Jul-17	4689 MW at 18.30-18.45 Hrs 50.01 Hz
Max U/D of the day	408 MW at 20.15-20.30 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	39
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	21
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
No. of Blocks in which Freq. >= 50.10	4
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	2
AVERAGE FREQ. FOR THE DAY 2-Jul-17	50.01 Hz
Max O/D of the day	594 MW at 03.00-03.15 Hrs 50.03 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.42
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.91
ABOVE 50.05 HZ	27.67
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.	3-Jul-17	3-Jul-16		
Gandhi Sagar (Ft.)	1312	1250	NA	1283.89	NIL	NIL
R.P.Sagar (Ft.)	1157.5	1128	1139.06	1146.35	NIL	4211
Jawahar Sagar (Ft.)	980	970.4	972.40	974.90	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.10	850.80		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1570.90	1575.86	21983	38377
Dehar (Ft.)	2941	2900	2921.85	2925.13	8533	22071
Pong(Ft.)	1421	1260	1300.07	1289.11	2505	21001
Mahi-I (Mts.)	281.5	259	269.45	266.20	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
3.Jul.17	KTPS	235768	12 days
	STPS	90901	3.5 days
	CHHABRA	101664	13.5 days
	KALISINDH	138071	10 days

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

3.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		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 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	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 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	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 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	
KTPS	6*	195.00	175	44.00	175	21.Jun.17	4.58	02.Jul.17	13.46	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	
Total(A) STATE SECTOR- PLANNED OUTAGE											
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	
DADRI TB#1	1	490.00	15	3.59	15	30.Jun.17	9.00			LESS DEMAND	
Total(B) CENTRAL SECTOR- PLANNED OUTAGE											
(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 COOLER-1	
RAJWEST	1	135.00	120	28.68	120	28.Jun.17	14.58	03.Jul.17		BOILER REFRACTORY DAMAGED	
CHHABRA	2	250.00	225	54.00	225	29.Jun.17	9.45	03.Jul.17		BOILER TUBE LEAKAGE	
BARSINGAR	2	125.00	110	26.40	110	29.Jun.17	21.10	04.Jul.17		DESYNCHRONIZED DUE TO REFRACTORY FAILURE	
RAMGARH	GT#1	37.50	29	7.00	29	01.Jul.17	12.19			HIGH VIBERATION	
KTPS	7	195.00	175	42.00	175	01.Jul.17	18.36			FLAME FAILUER	
RAMGARH	GT#2	37.50	29	7.00	29	02.Jul.17	17.21			GRID FAILURE	
RAMGARH	STG#1	37.50	10	3.00	10	02.Jul.17	17.21			GRID FAILURE	
RAMGARH	GT#3	110.00	100	24.00	100	02.Jul.17	17.21			GRID FAILURE	
RAMGARH	STG#2	50.00	40	9.60	40	02.Jul.17	17.21			GRID FAILURE	
Total(B) STATE SECTOR-FORCED OUTAGE											
CENTRAL SECTOR											
BHAJJAR	1	500.00	5	1.20	5	24.Jun.17	23.09			BOILER TUBE LEAKAGE	
RIBAND	6	500.00	59	14.20	59	29.Jun.17	21.07			ELECTRICAL FAULT	
Total(B) CENTRAL SECTOR- FORCED OUTAGE											
G.TOTAL											
			233.88	971.50							

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 (\$).