



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

Power Position 06-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										
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								
07.Jul.17										
08.Jul.17										
09.Jul.17										
10.Jul.17										
11.Jul.17										
12.Jul.17										
13.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	1862.49	2007.54	1642.02	1750.35	26.54	26.84	8338.00	8343.00	50.01	482.76
MIN OF THE MONTH	1527.20	1753.63	1387.56	1554.49	-9.04	-3.83	6861.00	7410.00	49.97	59.72
AVERAGE	1730.56	1889.82	1472.28	1638.41	12.60	9.92	7347.40	7839.20	49.99	288.97
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
		5-Jul-17		
1	KTPS (1240/1240)	42.00	42.00	36.64
2	STPS (1500/1500)	55.00	55.00	42.42
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	31.00	40.98
5	RAPP-A(200/200)	38.00	38.00	39.80
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.19
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	54.00	54.00	133.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	288.00	288.00	216.60
11	WIND FARM (3980.40/4119.15)	400.00	400.00	459.66
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	-78.26	-79.22	-79.22
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.20
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	24.23
18	RAJWEST (1080/1080)	201.00	201.00	114.62
	TOTAL (A) : 1-18	1073.74	1058.78	1033.86
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.78	30.66	33.52
b)	DEHAR (198/ 990)	29.06	29.19	29.02
c)	PONG (231.66/396)	10.54	9.10	10.85
	TOTAL : a TO c	74.38	68.95	73.39
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	75.50	54.55	46.96
e)	RIHAND (310.24/3000)	77.71	52.90	51.75
f)	UNCHAHAHAR-I(20/420)	3.15	3.05	2.27
g)	UNCHAHAHAR-II& III(61/630)	10.47	9.48	6.42
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.05	4.04	2.75
j)	DADRI GAS (77/830)	4.69	4.67	2.78
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	9.19	9.19
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	4.76
q)	URI (70.37/720)	15.71	16.74	15.39
r)	TANAKPUR (10.86/94)	2.39	2.47	1.80
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)	6.00	5.97	5.97
v)	DHAULIGANGA (27/280)	6.42	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)	34.13	34.13	34.13
z)	TEHRI (75/1000)	4.50	4.50	4.50
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	26.98	20.40	28.37
ab)	TALA	3.88	3.89	3.89
ac)	MUNDRA UMPP (380/4000)	38.23	26.70	25.20
ad)	SASAN (372/3960)	71.07	53.76	30.55
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	17.15	17.15	7.05
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	588.15	501.46	461.28
	LOSSES	-20.22	-10.97	-15.75
	NET SCHEDULED	567.93	490.49	445.53
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)	166.93	98.94	103.19
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	78.26	79.22	79.22
25	INDIAN ENERGY EXCHANGE	-2.49	-23.66	-23.66
	TOTAL(B): (19 TO 25)	788.74	627.36	582.39
	TOTAL GENERATION (A +B) : 1 TO 25			1616.25
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.78
	GRAND TOTAL	1862.49	1686.14	1642.03
	LAST YEAR	1781.84	1852.92	1661.54

3 SYSTEM PARAMETERS AS ON 05-Jul-17

MAXIMUM DRAWL ON 05-Jul-17	8338 MW at 23.15-23.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 05-Jul-17	5925 MW at 04.00-04.15 Hrs 49.99 Hz
Max UD of the day	416 MW at 17.00-17.15 Hrs 50.02 Hz
Max. OD 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 & <50.0 Hz	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
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	5-Jul-17 49.99 Hz
Max OD of the day	654 MW at 6.00 Hrs 49.96 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	0.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	0.00
ABOVE 50.05 HZ	0.00
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	6-Jul-17	5-Jul-17		
Gandhi Sagar (FL)	1312	1250	1293.64	1283.90	NA	NA
R.P.Sagar (FL)	1157.5	1128	1139.20	1146.34	NIL	NIL
Jawahar Sagar (FL)	980	970.4	972.00	975.90	NIL	NIL
Kota Barrage(FL)	854.5	852.3	850.80	850.80		
RMC						20
LMC						NIL
Bhakra(FL)	1690	1462	1575.66	1577.75	27652	44462
Dehar (FL)	2941	2900	2923.68	2902.53	8443	18196
Pong(FL)	1421	1260	1302.89	1293.85	5004	13774
Mahi-I (Mts.)	281.5	259	269.45	266.75	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
6.Jul.17	KTPS	260725	13 Days
	STPS	89380	3.5 Days
	CHHABRA	68224	9 Days
	KALISINDH	138455	9.5 Days

6. GENERATING UNIT OUTAGE REPORT UP TO 6.00 HRS OF DT. 6-Jul-17

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)	OUTAGE		EXPECT./REWVAL		REASON OF OUTAGE
				DATE	TIME	DATE	TIME	
(A) PLANNED OUTAGE								
STATE SECTOR								
GRAL	1	125.00	70	16.80	70	11.24.14	8.20	RED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRS01	55.00	50	12.00	50	03.Oct.15	22.30	DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS PERMISSON NOT GRANTED BY RVNL
DCCPP	GT01	110.00	100	24.00	100	05.May.16	11.00	MT AFTER CARRYING-OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 04.00 HRS. ON DT. 06.05.16)
DCCPP	HRS02	55.00	50	12.00	50	13.Jul.16	16.30	BOILER UP
DCCPP	GT02	110.00	100	24.00	100	13.Jul.16	16.40	BOILER UP
STPS	5*	250.00	229	55.00	229	04.May.17	17.00	BOILER UP
STPS	1	250.00	229	55.00	229	13.May.17	20.07	DRUM LEVEL LOW (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RVNL ON DT. 13.05.17)
STPS	6*	250.00	229	55.00	229	04.May.17	21.40	BOILER UP
STPS	4*	250.00	229	55.00	229	27.May.17	19.31	BOILER UP
STPS	3*	250.00	229	55.00	229	12.May.17	12.43	BOILER UP
KTPS	5*	210.00	192	46.00	192	15.Jan.17	10.47	BOILER UP
KTPS	3	210.00	192	46.00	192	13.Jan.17	20.23	TURBINE PROBLEM (PERMISSION NOT GRANTED BY RVNL ON DT 15.06.17 AT 06.30 HRS)
KTPS	1*	110.00	100	23.00	100	19.Jan.17	14.00	BOILER UP
KTPS	2*	110.00	100	23.00	100	19.Jan.17	14.10	BOILER UP
KTPS	4*	210.00	192	46.00	192	20.Jan.17	12.06	BOILER UP
KALISINDH	2*	600.00	565	135.00	565	21.Jan.17	7.13	BOILER UP
KALISINDH	1*	600.00	565	135.00	565	20.Jan.17	12.40	BOILER UP
CHHABRA	4*	250.00	225	54.00	225	02.Jul.17	19.11	BOILER UP
KTPS	7	195.00	175	42.00	175	01.Jul.17	18.36	FLAME FAILURE (PERMISSION NOT GRANTED BY RVNL ON DT 03.07.17 AT 12.54 HRS)
CHHABRA	2	250.00	225	54.00	225	29.Jan.17	9.40	BOILER TUBE LEAKAGE (NOT PERMITTED TO LIGHT UP BY OP. M. NO. 230 FROM 10.45 HRS. 02.07.17)
CHHABRA	1*	250.00	225	54.00	225	04.Jul.17	9.42	BOILER UP
STPS	2	250.00	229	55.00	229	04.Jul.17	14.22	DESYNCHRONIZED AGAINST STPS1 WHICH WAS BOILER UP
(B) FORCE OUTAGE								
TIGRA-I STATE SECTOR-PLANNED OUTAGE		4950.00	4500.00	1078.00	4500.00			
CENTRAL SECTOR								
DABRI	GT04	138.19	22	5.30	22	06.Apr.17	0.23	LESS GAS AVAILABILITY
DABRI	GT06	154.51	16	3.90	16	06.Apr.17	21.38	LESS GAS AVAILABILITY
DABRI	GT03	138.19	22	5.30	22	06.Apr.17	21.27	LESS GAS AVAILABILITY
AURAYA	GT04	111.19	18	4.40	18	07.May.17	22.03	LESS GAS AVAILABILITY
AURAYA	GT06	109.30	12	2.90	12	12.May.17	21.05	LESS GAS AVAILABILITY
AURAYA	GT03	111.19	18	4.40	18	12.May.17	21.13	LESS GAS AVAILABILITY
AURAYA	GT02	111.19	18	4.40	18	30.May.17	5.08	LESS GAS AVAILABILITY
AURAYA	GT05	109.30	12	2.90	12	30.May.17	5.15	LESS GAS AVAILABILITY
AURAYA	GT01	111.19	18	4.40	18	30.May.17	5.22	LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	08.Jan.17	12.16	LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	09.Jan.17	21.51	LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	09.Jan.17	22.05	LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	09.Jan.17	22.31	LESS GAS AVAILABILITY
TIGRA-I CENTRAL SECTOR-PLANNED OUTAGE		1497.58	283.00	68.60	283.00			
STATE SECTOR								
STATE SECTOR								
GRAL	2	125.00	70	16.80	70	27.Jan.16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLER-I
KAPWEST	1	155.00	120	26.00	120	26.Jan.17	14.58	BOILER REFRACTORY DAMAGED
BARSINGGAR	2	125.00	110	26.40	110	29.Jan.17	21.10	DESYNCHRONIZED DUE TO REFRACTORY FAILURE
BAMCARI	STG01	37.50	29	0.00	0	01.Jul.17	12.19	18.09 HIGH VIBRATION
BAMCARI	STG01	37.50	10	0.00	0	05.Jul.17	1.02	18.00 VOLTAGE FERR
BAMCARI	STG01	37.50	10	3.00	10	05.Jul.17	12.39	ELECTRICAL PROTECTION ROTAR EARTH FAULT
BAMCARI	STG02	50.00	40	0.00	0	05.Jul.17	19.15	18.15 TURBINE BEARING TEMP. HIGH
BAMCARI	STG02	50.00	40	0.00	0	06.Jul.17	0.55	18.21 TURBINE TEMP. HIGH
TIGRA-I STATE SECTOR-FORCED OUTAGE		397.50	428.50	74.00	300.50			
CENTRAL SECTOR								
BHAND	1	800.00	5	1.20	5	24.Jan.17	22.09	BOILER TUBE LEAKAGE
BHAND	6	800.00	59	14.20	59	29.Jan.17	21.07	ELECTRICAL FAULT
BHAND	2	800.00	38	33.00	38	04.Jul.17	15.20	BOILER TUBE LEAKAGE
TIGRA-I CENTRAL SECTOR-FORCED OUTAGE		1000.00	64.00	29.20	64.00			
G.TOTAL			104.08	373.50				