



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

Power Position 23-Jun-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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-Jun-17	1961.94	2208.45	1683.42	1964.07	15.16	-11.54	8575	9405	49.96	102.83
02-Jun-17	2088.83	2272.54	1894.26	2071.75	13.72	-10.25	8984	9906	49.96	133.92
03-Jun-17	2027.54	2284.65	1942.90	2114.62	53.75	-3.14	9328	9749	49.96	228.05
04-Jun-17	2088.65	2246.10	2005.73	2080.79	16.19	16.19	9498	9483	49.96	453.76
05-Jun-17	2084.17	2032.23	2159.11	2046.77	27.46	57.46	10251	9390	49.97	455.82
06-Jun-17	2179.91	2139.93	2211.92	2022.48	21.53	15.73	10347	9358	49.98	468.24
07-Jun-17	2265.23	2198.85	2131.84	2091.35	56.13	17.72	10069	9380	50.02	362.14
08-Jun-17	2127.22	2258.73	1931.97	2088.34	32.13	-6.18	9492	9471	50.01	235.69
09-Jun-17	1953.01	2316.44	1784.35	2055.56	39.13	6.95	8845	9514	50.01	135.23
10-Jun-17	1932.34	2274.17	1850.49	2084.06	56.92	5.52	8493	9324	50.00	117.28
11-Jun-17	1949.34	2211.35	1763.12	1959.70	29.31	-1.82	8870	9168	50.01	51.75
12-Jun-17	2063.82	2109.98	1911.59	1818.09	23.28	15.40	9026	8567	50.00	245.81
13-Jun-17	2124.24	2219.59	1919.15	1935.50	26.54	-3.99	9406	8649	49.99	280.21
14-Jun-17	2077.20	2160.92	1936.19	1942.42	26.98	14.45	9214	9136	49.99	275.76
15-Jun-17	2125.07	2232.46	1916.58	2015.20	32.12	22.74	9146	9244	49.99	289.52
16-Jun-17	2008.49	2157.70	1925.46	1940.25	36.49	27.99	8988	8928	50.00	284.26
17-Jun-17	2059.04	2161.73	1978.43	2082.99	42.13	27.53	8993	9506	50.00	306.34
18-Jun-17	2145.15	2250.39	1940.53	2087.67	17.73	5.09	9185	9497	49.99	284.80
19-Jun-17	2224.19	2172.63	1993.68	2071.86	23.32	19.52	9460	9560	50.03	390.97
20-Jun-17	2228.27	2151.52	2018.23	2068.58	33.76	11.35	9092	9623	50.02	441.71
21-Jun-17	1844.66	2149.36	1685.70	1887.78	23.98	14.40	9054	8657	50.00	277.87
22-Jun-17	1867.54	2107.60	1600.26	1895.41	33.56	17.47	8534	9207	50.00	262.09
23-Jun-17	1927.79	2205.14								
24-Jun-17										
25-Jun-17										
26-Jun-17										
27-Jun-17										
28-Jun-17										
29-Jun-17										
30-Jun-17										
MAXIMUM OF THE MONTH	2265.23	2316.44	2211.92	2114.62	56.92	57.46	10347.00	9906.00	50.03	468.24
MIN OF THE MONTH	1844.66	2032.23	1600.26	1818.09	13.72	-11.54	8493.00	8567.00	49.96	51.75
AVERAGE	2057.11	2189.10	1917.50	2014.78	30.97	11.75	9220.45	9305.55	49.99	276.55
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.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10322	(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
		22-Jun-17		
1	KTPS (1240/1240)	42.00	42.00	36.93
2	STPS (1500/1500)	55.00	55.00	44.31
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	44.00	41.00	37.78
5	RAPP-A(200/200)	38.00	38.00	40.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.77
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	209.00	162.00	139.17
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.80	296.80	270.40
11	WIND FARM (3980.40/4119.15)	150.00	250.00	262.09
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	-79.64	-79.05	-79.05
16	BIOMASS – (101.95/119.25)	4.00	3.00	4.35
17	BARSINGHSAR LTTPS(250/250)	53.00	53.00	48.69
18	RAJWEST (1080/1080)	229.00	229.00	146.51
	TOTAL (A) : 1-18	1169.16	1090.75	951.95
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	36.38	36.26	36.07
b)	DEHAR (198/ 990)	29.42	29.24	29.10
c)	PONG (231.66/396)	9.67	9.07	8.23
	TOTAL : a TO c	75.47	74.57	73.40
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.47	78.41	45.61
e)	RIHAND (310.24/3000)	101.02	101.02	70.51
f)	UNCHAHAR-I(20/420)	2.68	2.84	2.63
g)	UNCHAHAR-II& III(61/630)	8.89	9.71	10.13
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.75	5.11	4.75
j)	DADRI GAS (77/830)	1.92	3.93	3.35
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)	9.24	9.29	9.29
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	4.76	4.69
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	1.49	1.41	1.30
s)	CHAMERA –I (105.84/540)	25.12	25.12	25.12
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.00	6.07	6.07
v)	DHAULIGANGA (27/280)	4.71	5.66	5.57
w)	DULHASTI (42.42/390)	10.08	10.08	10.08
x)	SEWA (13/120)	3.28	3.28	3.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.01	34.01
z)	TEHRI (75/1000)	3.45	3.45	3.45
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	13.95	14.97	19.13
ab)	TALA	2.89	2.89	2.89
ac)	MUNDRA UMPP (380/4000)	49.90	46.60	36.05
ad)	SASAN (372/3960)	83.75	83.89	38.68
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.44	19.95	5.78
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	624.39	623.00	491.72
	LOSSES	-21.10	-21.18	-19.11
	NET SCHEDULED	603.28	601.82	472.61
21	BILATERAL (REG.) EXCL. BANKING	23.83	25.02	22.12
22	BANKING	-43.42	-43.42	-43.42
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.40	109.97	84.48
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	79.64	79.05	79.05
25	INDIAN ENERGY EXCHANGE	-19.10	-0.08	-0.08
	TOTAL(B): (19 TO 25)	758.62	776.78	614.75
	TOTAL GENERATION (A +B) : 1 TO 25			1566.70
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.56
	GRAND TOTAL	1927.79	1867.54	1600.26
	LAST YEAR	2205.14	2107.60	1895.41

3. SYSTEM PARAMETERS AS ON 22-Jun-17

MAXIMUM DRAWL ON 22-Jun-17	8534 MW at 00.00-00.15 Hrs 49.99 Hz
MINIMUM DRAWL ON 22-Jun-17	4675 MW at 09.45-10.00 Hrs 50.01 Hz
Max U/D of the day	708 MW at 09.15-09.30 Hrs 50.03 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	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	23
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	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusses)	Inflow (cusses)
	Max.	Min.	23-Jun-17	23-Jun-16		
Gandhi Sagar (Ft.)	1312	1250	1294.25	1283.96	NA	571
R.P.Sagar (FL)	1157.5	1128	1137.70	1145.27	NIL	N/A
Jawahar Sagar (Ft.)	980	970.4	977.90	974.40	NIL	N/A
Kota Barrage(FL)	854.5	852.3	852.20	850.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1564.17	1573.16	29960	29960
Dehar (FL)	2941	2900	2927.75	2926.83	8548	8984
Pong(FL)	1421	1260	1289.46	1281.58	5007	11623
Mahi-I (Mts.)	281.5	259	269.40	266.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.80	217.05	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	22-Jun-17	50.00 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days					
Max O/D of the day	633 MW at 14.45-15.00 Hrs 49.96 Hz		23-Jun-17	KTPS	85648	4 days					
Frequency Profile	% of Time	STPS					113252	4.5 days			
LESS THAN 49.7 HZ	0.00								CHHABRA	100536	13.5 days
LESS THAN 49.90 HZ	3.25										
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.93										
ABOVE 50.05 HZ	18.82										
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										

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

23-Jun-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 (S/D 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			MT 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	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 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			BOXED UP
KALISINDH	2*	600.00	565	135.60	565	21-Jun-17	7.13			BOXED UP
Total(A) STATE SECTOR-PLANNED OUTAGE										
		3350.00	3031.00	727.40	3031.00					

CENTRAL SECTOR

DADRI	GT#4	130.19	22	5.30	22	20-Mar-17	8.00			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
Total(A) CENTRAL SECTOR-PLANNED OUTAGE										
		1497.58	283.00	68.60	283.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			DATE	TIME	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	30-Jun-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT#2	37.50	29	7.00	29	22-May-17	9.12	23-Jun-17		GRID FAILURE
RAMGARH	STG#1	37.50	10	3.00	10	19-Jun-17	11.17	23-Jun-17		LOW VACUUM PRESSURE
CHHABRA	3	250.00	210	7.00	0	21-Jun-17	5.04	23-Jun-17	3.05	DESYNCHRONIZED DUE TO ATTEND PROB. OF APH
ADANI	2	600.00	600	0.00	0	22-Jun-17	1.58	22-Jun-17	11.51	GENERATOR PROTECTION
RAMGARH	GT#1	35.50	29	0.00	0	22-Jun-17	2.37	22-Jun-17	4.36	GENERATOR BREAKER TRIP
RAMGARH	GT#1	35.50	29	0.00	0	22-Jun-17	4.52	22-Jun-17	17.58	GENERATOR BREAKER TRIP
Total(B) STATE SECTOR-FORCED OUTAGE										
		1181.00	977.00	33.80	109.00					
CENTRAL SECTOR										
Total(B) CENTRAL SECTOR-FORCED OUTAGE										
		0.00	0.00	0.00	0.00					
G.TOTAL				33.80	109.00					

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 (\$).