



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

<b>Power Position 20-Jun-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	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								
21.Jun.17										
22.Jun.17										
23.Jun.17										
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	1932.34	2032.23	1683.42	1818.09	13.72	-11.54	8493.00	8567.00	49.96	51.75
AVERAGE	2082.41	2194.11	1941.09	2024.92	31.05	11.34	9272.11	9328.16	49.99	268.55
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
		19-Jun-17		
1	KTPS (1240/1240)	130.00	176.00	134.69
2	STPS (1500/1500)	55.00	55.00	45.24
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	32.00	45.00	44.55
5	RAPP-A(200/200)	38.00	38.00	40.13
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)	218.00	218.00	184.87
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	310.32
11	WIND FARM (3980.40/4119.15)	350.00	320.00	390.97
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	-66.18	-57.12	-57.29
16	BIOMASS – (101.95/119.25)	3.00	6.00	3.43
17	BARSINGHSAR LTPS(250/250)	54.00	54.00	45.29
18	RAJWEST (1080/1080)	229.00	223.00	127.18
	<b>TOTAL (A) : 1-18</b>	<b>1462.82</b>	<b>1497.88</b>	<b>1269.38</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	36.54	36.62	36.55
	b) DEHAR (198/ 990)	28.18	29.33	29.17
	c) PONG (231.66/396)	11.54	15.87	11.01
	<b>TOTAL : a TO c</b>	<b>76.26</b>	<b>81.82</b>	<b>76.73</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	80.32	81.23	72.93
	e) RIHAND (310.24/3000)	101.02	101.02	93.09
	f) UNCHAHAR-I(20/420)	3.17	0.00	1.10
	g) UNCHAHAR-II& III(61/630)	10.65	1.08	4.63
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	5.25	0.00	2.06
	j) DADRI GAS (77/830)	4.67	1.61	2.50
	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)	9.26	9.31	9.31
	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	4.48	4.46
	q) URI (70.37/720)	16.73	16.73	16.73
	r) TANAKPUR (10.86/94)	1.24	1.06	1.24
	s) CHAMERA –I (105.84/540)	24.86	19.60	18.82
	t) CHAMERA-II (29.01/300)	6.98	6.98	6.98
	u) CHAMERA-III (25.21/231)	6.07	6.07	5.91
	v) DHAULIGANGA (27/280)	4.61	4.60	5.10
	w) DULHASTI (42.42/390)	10.08	10.08	10.08
	x) SEWA (13/120)	1.19	1.30	1.30
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
	z) TEHRI (75/1000)	3.00	3.45	3.25
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	20.40	19.59	24.71
	ab) TALA	1.35	1.38	1.38
	ac) MUNDRA UMPP (380/4000)	33.84	33.84	32.04
	ad) SASAN (372/3960)	94.23	85.98	90.28
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	19.46	19.83	4.18
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	625.82	597.43	575.18
	LOSSES	-21.22	-19.96	-23.21
	NET SCHEDULED	<b>604.60</b>	<b>577.47</b>	<b>551.97</b>
21	BILATERAL (REG.) EXCL. BANKING	26.21	26.21	26.21
22	BANKING	-36.11	-36.11	-36.11
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.40	109.00	114.40
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	66.18	57.12	57.29
25	INDIAN ENERGY EXCHANGE	-9.83	-12.78	-12.78
	<b>TOTAL(B): (19 TO 25)</b>	<b>765.45</b>	<b>726.31</b>	<b>700.98</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1970.36</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.32
	<b>GRAND TOTAL</b>	<b>2228.27</b>	<b>2224.19</b>	<b>1993.68</b>
	LAST YEAR	2151.52	2172.63	2071.86

## 3. SYSTEM PARAMETERS AS ON 19-Jun-17

MAXIMUM DRAWL ON 19-Jun-17	9460 MW at 23.15-23.30 Hrs 50.14 Hz
MINIMUM DRAWL ON 19-Jun-17	7200 MW at 18.15-18.30 Hrs 50.09 Hz
Max U/D of the day	291 MW at 06.15-06.30 Hrs 50.04 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	17
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
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	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	11
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 19-Jun-17	50.03 Hz
Max O/D of the day	491 MW at 21.00-21.15 Hrs 50.06Hz
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)	66.02
ABOVE 50.05 HZ	33.98
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.	20-Jun-17	20-Jun-16		
Gandhi Sagar (Fl.)	1312	1250	1294.40	1283.85	714	65
R.P.Sagar (Fl.)	1157.5	1128	1137.48	1144.56	NIL	N/A
Jawahar Sagar (Fl.)	980	970.4	976.40	973.50	44	NIL
Kota Barrage(Fl.)	854.5	852.3	852.00	849.70		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	N/A	1572.43	N/A	N/A
Dehar (Fl.)	2941	2900	N/A	2927.95	N/A	N/A
Pong(Fl.)	1421	1260	N/A	1280.12	N/A	N/A
Mahi-I (Mts.)	281.5	259	269.50	266.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.80	217.20	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
20.Jun.17	KTPS	48936	2.5 DAYS
	STPS	110798	4.5 DYS
	CHHABRA	92771	12 DAYS
	KALISINDH	84992	6 DAYS

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

20.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
Total A I STATE SECTOR- PLANNED OUTAGE		2345.00	2099.00	501.80	2099.00						
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#5	154.51	16	0.00	0	16.Apr.17	0.23	23.May.17	9.20		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		1652.09	299.00	68.60	283.00						
(B) FORCE OUTAGE											
STATE SECTOR											
STATE SECTOR											
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	21.Jun.17			GRID FAILURE
ADANI	2	660.00	600	144.00	600	04.Jun.17	1.45	21.Jun.17			MT BOILER REFRACTORY DAMAGE
RAMGARH	STG#1	37.50	10	1.59	10	19.Jun.17	11.17	20.Jun.17			LOW VACUUM PRESSURE
RAMGARH	GT#3	110.00	100	3.16	0	20.Jun.17	0.11	20.Jun.17	3.21		VOLTAGE JERK
RAMGARH	STG#2	50.00	40	9.52	40	20.Jun.17	0.11	20.Jun.17			VOLTAGE JERK
Total B I STATE SECTOR-FORCED OUTAGE		1020.00	849.00	182.07	749.00						
CENTRAL SECTOR											
RHAND-I	2	500.00	58	0.00	0	19.Jun.17	15.55	19.Jun.17	18.19		BOILER FEED PUMP-C FAILED CAUSING LOW DRUM LEVEL
Total B-CENTRAL SECTOR-FORCED OUTAGE		500.00	58.00	0.00	0.00						
<b>G.TOTAL</b>				<b>182.07</b>	<b>749.00</b>						

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 (\$).