



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

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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	2018.23	2068.58	33.76	11.35	9092	9623	50.02	441.71
21.Jun.17	1844.66	2149.36								
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	1844.66	2032.23	1683.42	1818.09	13.72	-11.54	8493.00	8567.00	49.96	51.75
AVERAGE	2071.61	2192.08	1944.95	2027.10	31.19	11.34	9263.10	9342.90	49.99	277.20
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
		20-Jun-17		
1	KTPS (1240/1240)	53.00	130.00	92.16
2	STPS (1500/1500)	55.00	55.00	43.99
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	34.00	32.00	33.13
5	RAPP-A(200/200)	38.00	38.00	39.68
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)	173.00	218.00	184.21
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	520.00	420.00	316.99
11	WIND FARM (3980.40/4119.15)	125.00	350.00	441.71
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	-80.18	-66.18	-66.61
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.94
17	BARSINGHSAR LTPS(250/250)	52.00	54.00	50.13
18	RAJWEST (1080/1080)	229.00	229.00	136.50
	TOTAL (A) : 1-18	1203.82	1462.82	1276.83
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	36.38	36.54	36.40
b)	DEHAR (198/ 990)	30.44	28.18	28.23
c)	PONG (231.66/396)	8.58	11.54	10.72
	TOTAL : a TO c	75.41	76.26	75.35
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	59.44	80.32	64.12
e)	RIHAND (310.24/3000)	73.33	101.02	93.15
f)	UNCHAHAHAR-I(20/420)	2.49	3.17	2.54
g)	UNCHAHAHAR-II& III(61/630)	9.06	10.65	8.40
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.22	5.25	4.29
j)	DADRI GAS (77/830)	4.05	4.67	3.70
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)	9.14	9.26	9.26
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	4.79
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	1.44	1.24	1.35
s)	CHAMERA –I (105.84/540)	25.12	24.86	24.10
t)	CHAMERA-II (29.01/300)	6.98	6.98	6.98
u)	CHAMERA-III (25.21/231)	6.07	6.07	6.07
v)	DHAULIGANGA (27/280)	5.37	4.61	5.74
w)	DULHASTI (42.42/390)	10.05	10.08	10.08
x)	SEWA (13/120)	1.30	1.19	1.19
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	3.45	3.00	3.08
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	17.71	20.40	24.57
ab)	TALA	3.00	1.35	1.35
ac)	MUNDRA UMPP (380/4000)	24.73	33.84	32.43
ad)	SASAN (372/3960)	53.70	94.23	76.45
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	10.15	19.46	6.97
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	514.12	625.82	569.07
	LOSSES	-15.86	-21.22	-22.71
	NET SCHEDULED	498.26	604.60	546.36
21	BILATERAL (REG.) EXCL. BANKING	26.21	26.21	26.21
22	BANKING	-40.98	-36.11	-36.11
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	85.80	108.75	114.40
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	80.18	66.18	66.61
25	INDIAN ENERGY EXCHANGE	-8.62	-9.83	-9.83
	TOTAL(B): (19 TO 25)	640.84	765.45	707.64
	TOTAL GENERATION (A +B) : 1 TO 25			1984.47
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.76
	GRAND TOTAL	1844.66	2228.27	2018.23
	LAST YEAR	2149.36	2151.52	2068.57

3. SYSTEM PARAMETERS AS ON 20-Jun-17

MAXIMUM DRAWL ON 20-Jun-17	9092 MW at 07.00-07.15 Hrs 50.04 Hz
MINIMUM DRAWL ON 20-Jun-17	7232 MW at 19.00-19.15 Hrs 49.98 Hz
Max U/D of the day	388 MW at 08.00-08.15 Hrs 50.16 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	24
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
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	44
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	20
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	8
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	2

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	21-Jun-17	21-Jun-16		
Gandhi Sagar (Ft.)	1312	1250	1294.36	1283.95	714	48
R.P.Sagar (Ft.)	1157.5	1128	1137.40	1144.92	NIL	N/A
Jawahar Sagar (Ft.)	980	970.4	976.60	974.00	44	NIL
Kota Barrage(Ft.)	854.5	852.3	851.60	850.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	N/A	1572.54	N/A	N/A
Dehar (Ft.)	2941	2900	N/A	2927.69	N/A	N/A
Pong(Ft.)	1421	1260	N/A	1280.68	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)

AVERAGE FREQ. FOR THE DAY	20-Jun-17	50.02 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	682 MW at 07.00-07.15 Hrs 50.04 Hz		21.Jun.17	KTPS	72406	3.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00			STPS	111635	4.5 days
LESS THAN 49.90 HZ	0.00					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.02			CHHABRA	88571	11.5 days
ABOVE 50.05 HZ	33.98					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	76482	5.5 days
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.

21. 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 (SD W.E.F.15.07.14)
DCCPP	HRS01	55.00	50	12.00	50	03.Oct.15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RU/VN)
DCCPP	GT01	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	HRS02*	55.00	50	12.00	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	1	250.00	229	55.00	229	11.May.17	20.57		DRUM LEVEL LOW(PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RU/VN. 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 RU/VN 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	135.00	565	21.Jun.17	7.13		BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		3225.00	2961.00	710.60	2961.00				

CENTRAL SECTOR

DABRI	GT04	130.19	22	5.30	22	20.Mar.17	8.00		LESS GAS AVAILABILITY	
DABRI	GT06	154.51	16	3.90	16	06.Apr.17	21.18		LESS GAS AVAILABILITY	
DABRI	GT05	154.51	16	0.00	0	16.Apr.17	0.23	23.May.17	9.20	LESS GAS AVAILABILITY
DABRI	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	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1652.09	299.00	68.60	283.00					

(B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		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	GT02	37.50	29	7.00	29	22.May.17	9.12	21.Jun.17	GRID FAILURE	
ADANI	2	660.00	600	26.70	600	04.Jun.17	1.45	21.Jun.17	MT BOILER REFRACTORY DAMAGE	
RAMGARH	STG01	37.50	10	3.00	10	19.Jun.17	11.17	21.Jun.17	LOW VACUUM PRESSURE	
RAMGARH	GT03	110.00	100	8.00	0	20.Jun.17	0.11	20.Jun.17	3.21	VOLTAGE JERK
RAMGARH	STG02	50.00	40	0.00	40	20.Jun.17	0.11	20.Jun.17	10.28	VOLTAGE JERK
RAMGARH	GT01	35.50	29	0.44	0	21.Jun.17	0.55	21.Jun.17	2.26	GENERATOR BREAKER TRIP
CHHABRA	3	250.00	210	42.59	210	21.Jun.17	5.04		DESYNCHRONIZED DUE TO ATTEND PROB. OF API	
Total(B) STATE SECTOR-FORCED OUTAGE		1305.50	1088.00	96.53	959.00					

CENTRAL SECTOR

CENTRAL SECTOR									
Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00				
G.TOTAL				96.53	959.00				

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 (\$).