



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- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Jun-18										
01-Jun-18	2449.52	1961.95	2457.70	1683.43	-6.23	15.16	11218	8575	50.00	456.07
02-Jun-18	2619.13	2088.83	2467.43	1894.26	52.12	13.72	11373	8984	50.00	459.18
03-Jun-18	2655.80	2027.54	2413.63	1942.90	18.33	53.76	11148	9328	50.01	526.47
04-Jun-18	2680.79	2088.66	2497.74	2005.73	2.26	16.19	11384	9498	49.95	470.51
05-Jun-18	2581.81	2084.17	2549.75	2159.11	45.91	27.46	11698	10251	49.97	411.54
06-Jun-18	2335.99	2179.91	2348.56	2211.92	44.00	21.53	10685	10251	49.98	245.66
07-Jun-18	2513.27	2265.23	2473.32	2131.84	61.12	56.13	11242	10069	49.96	330.76
08-Jun-18	2523.32	2127.22	2471.15	1931.96	11.37	32.13	11281	9492	50.00	384.24
09-Jun-18	2619.15	1953.01	2258.12	1784.35	10.77	39.13	10460	8845	50.01	380.40
10-Jun-18	2305.93	1932.34	2100.77	1850.49	30.97	56.92	9461	8493	50.01	161.03
11-Jun-18	2383.24	1949.34	2186.76	1763.12	0.18	29.31	10408	8870	50.00	377.37
12-Jun-18	2557.85	2063.82	2254.48	1911.58	22.17	23.28	10785	9026	49.99	552.55
13-Jun-18	2552.37	2124.24	2166.23	1919.15	7.38	26.54	10536	9406	49.97	565.54
14-Jun-18	2423.52	2077.20	2194.36	1936.19	10.69	26.98	10574	9214	49.94	544.46
15-Jun-18	2411.38	2125.07	2231.05	1916.58	22.12	32.12	10937	9146	49.97	525.96
16-Jun-18	2444.15	2008.49	2325.97	1925.46	53.48	36.49	11001	8988	49.99	529.42
17-Jun-18	2418.52	2059.04	2292.75	1978.43	35.35	42.13	10824	8993	50.01	480.89
18-Jun-18	2407.42	2145.15	2206.74	1940.53	60.54	17.73	10511	9185	49.95	240.97
19-Jun-18	2434.70	2224.19	2253.45	1993.68	41.51	23.32	10349	9460	49.93	166.11
20-Jun-18	2420.60	2228.27	2248.80	2018.23	4.24	33.76	10187	9092	49.91	170.31
21-Jun-18	2341.51	1844.66								
22-Jun-18										
23-Jun-18										
24-Jun-18										
25-Jun-18										
26-Jun-18										
27-Jun-18										
28-Jun-18										
29-Jun-18										
30-Jun-18										
31-May-18										
01-Jun-18										
MAXIMUM OF THE MONTH	2680.79	2265.23	2549.75	2211.92	61.12	56.92	11698.00	10251.00	50.01	565.54
MIN OF THE MONTH	2305.93	1844.66	2100.77	1683.43	-6.23	13.72	9461.00	8493.00	49.91	161.03
AVERAGE	2480.00	2074.21	2319.94	1944.95	26.41	31.19	10803.10	9258.30	49.98	398.97

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		20-Jun-18		
1	KTPS (1240/1240)	245.00	245.00	230.23
2	STPS (1500/1500)	330.00	330.00	280.30
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	44.00	35.24
5	RAPP-A(200/200)	43.00	43.00	39.20
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	211.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	256.00	272.00	258.73
11	WIND FARM (4137.20/4290.95)	190.00	193.00	170.31
12	SOLAR POWER(1656.70/2246.21)	84.06	58.12	71.07
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	24.61	22.22	24.74
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.85
17	BARSINGHAR LTPS(250/250)	52.00	52.00	47.88
18	RAJWEST (1080/1080)	225.00	225.00	212.04
	TOTAL (A) : 1-18	1714.67	1708.34	1586.12
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	34.43	31.54	30.91
b)	DEHAR (198/ 990)	19.58	19.35	20.37
c)	PONG (231.66/396)	14.51	14.55	14.50
	TOTAL : a TO c	68.52	65.44	65.78
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	62.43	80.89	84.69
e)	RIHAND (310.24/3000)	95.57	102.86	98.10
f)	UNCHAHAHAR-I(20/420)	6.90	6.90	4.03
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.51	25.51	15.33
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.22	19.11	10.48
j)	DADRI GAS (77/830)	2.77	2.77	1.31
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)	8.59	8.64	8.64
n)	RAPP-B (125/440)	28.96	28.79	28.79
o)	RAPP-C (88/440)	18.46	18.46	18.46
p)	SALAL (20.36/690)	4.68	4.68	4.29
q)	URI (70.37/720)	14.30	13.60	13.78
r)	TANAKPUR (10.86/94)	0.85	0.96	0.76
s)	CHAMERA –I (105.84/540)	10.37	10.37	10.37
t)	CHAMERA-II (29.01/300)	5.30	5.61	5.12
u)	CHAMERA-III (25.21/231)	4.99	5.20	4.04
v)	DHAULIGANGA (27/280)	4.13	4.27	3.04
w)	DULHASTI (42.42/390)	9.68	9.68	9.68
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	25.12	25.77	23.56
z)	TEHRI (75/1000)	2.95	3.83	3.83
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	12.55	12.08	12.45
ab)	TALA	2.13	2.25	1.55
ac)	MUNDRA UMPP (380/4000)	52.26	52.26	48.58
ad)	SASAN (372/3960)	69.37	83.47	74.83
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.94	22.94	19.44
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	574.93	616.73	571.31
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	574.93	616.73	571.31
21	BILATERAL (REG.) EXCL. BANKING	14.67	15.86	13.80
22	BANKING	-10.56	-10.56	-10.56
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	101.88	97.61	98.06
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-24.61	-22.22	-24.74
25	INDIAN ENERGY EXCHANGE	-29.48	10.57	10.57
	TOTAL(B): (19 TO 25)	626.84	712.26	658.44
	TOTAL GENERATION (A +B) : 1 TO 25			2244.56
	OVER DRAWAL (+)/UNDER DRAWAL (-)			4.24
	GRAND TOTAL	2341.51	2420.60	2248.80
	LAST YEAR	1844.66	2228.27	2018.23

3. SYSTEM PARAMETERS AS ON 20-Jun-18

MAXIMUM DRAWL ON 20-Jun-18	10187 MW at 15.45-16.00 Hrs 50.03 HZ
MINIMUM DRAWL ON 20-Jun-18	8146 MW at 19.00-19.15 Hrs 49.92 HZ
Max U/D of the day	641 MW at 12.45-01.00 Hrs 49.97 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	36
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	22
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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	0
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 20-Jun-18	49.91 Hz
Max O/D of the day	962 MW at 3.00-3.15 Hrs 49.87 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	1.50
LESS THAN 49.90 HZ	41.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	56.40
ABOVE 50.05 HZ	0.90
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	31
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.	21-Jun-18	21-Jun-17		
Gandhi Sagar (Ft.)	1312	1250	1269.34	1294.36	NIL	229
R.P.Sagar (Ft.)	1157.5	1128	1138.14	1137.40	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.90	976.60	NIL	196
Kota Barrage(Ft.)	854.5	852.3	851.40	851.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1510.88	N/A	28945	15822
Dehar (Ft.)	2941	2900	2922.37	N/A	5413	6041
Pong(Ft.)	1421	1260	1283.92	N/A	8005	1502
Mahi-I (Mts.)	281.5	259	N/A	269.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	N/A	217.80	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
21-Jun-18	KTPS	163239	8 DAYS
	STPS	137596	5.5 DAYS
	CHHABRA	30447	4 DAYS
	KALISINDH	77230	5.5 DAYS

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

21-Jun-18

(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	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RVNUN. ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#1*	110.00	100	24.0	100	28-May-18	13.40			BOXED UP
DCCPP	HRSG#1	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS(treated as boxed up w.e.f 13.40 hrs/28.05.18 as GT#1 boxed up)
DCCPP	GT#2	110.00	100	24.0	100	18-Jun-16	19.00			DESYNCRONIZED(OUT)
Total(A)STATE SECTOR-PLANNED OUTAGE		455.00	370.00	88.80	370.00					
CENTRAL SECTOR										
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
RIBAND	3	500.00	58	13.8	58	10-May-18	0.50			ANNUAL MAINTENANCE
AURAIYA GPS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.9	12	21-May-18	9.27			RESERVE SHUTDOWN FUEL SHORTAGE
AURAIYA GPS	2	111.19	18	4.4	18	21-May-18	9.32			RESERVE SHUTDOWN FUEL SHORTAGE
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1054.06	142.00	34.30	142.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE				
GIRAL	2	125.00	70	16.8	70	27-Jun-16	15.27			DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
ADANI	2	660.00	600	144.0	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE(WITH HELD FROM 02.05.18 DUE TO COAL SHORTAGE)
RAMGARH	GT#1	37.50	29	7.0	29	28-May-18	11.40			DUE TO NON AVAILABILITY OF SUFFICIENT FUEL GAS
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
Total(B)STATE SECTOR-FORCED OUTAGE		1532.50	1364.00	326.40	1364.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23			DRUM VIVRATION
ANTA GPS	2	88.71	31	7.5	31	19-May-18	7.29			Fuel Shortage due to unavailability of naphtha fuel and no allocation of RING or cheap gas.
JHAJJAR	2	500.00	5	1.2	5	12-Jun-18	23.15			DUE TO FUEL & COAL SHORTAGE
SINGRAULI	2	200.00	34	8.2	34	18-Jun-18	20.08			BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1399.71	88.00	21.30	88.00					
G.TOTAL				347.70	1452.00					

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 (\$).