



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

Power Position 07-Jun-18	Point No.
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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								
08-Jun-18										
09-Jun-18										
10-Jun-18										
11-Jun-18										
12-Jun-18										
13-Jun-18										
14-Jun-18										
15-Jun-18										
16-Jun-18										
17-Jun-18										
18-Jun-18										
19-Jun-18										
20-Jun-18										
21-Jun-18										
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	52.12	53.76	11698.00	10251.00	50.01	526.47
MIN OF THE MONTH	2335.99	1961.95	2348.56	1683.43	-6.23	13.72	10685.00	8575.00	49.95	245.66
AVERAGE	2553.84	2071.84	2455.80	1982.89	26.07	24.64	11251.00	9481.17	49.99	428.24

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.)

526.47

03-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
		6-Jun-18		
1	KTPS (1240/1240)	245.00	245.00	230.27
2	STPS (1500/1500)	327.00	327.00	293.11
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	43.00	40.26
5	RAPP-A(200/200)	37.00	37.00	39.19
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)	162.00	218.00	174.91
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	242.00	242.00	229.33
11	WIND FARM (4137.20/4290.95)	422.00	367.00	245.66
12	SOLAR POWER(1656.70/2246.21)	86.70	83.38	54.97
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	22.12	21.84	20.73
16	BIOMASS – (101.95/119.25)	3.00	4.00	2.84
17	BARSINGHAR LTPS(250/250)	20.00	26.00	12.90
18	RAJWEST (1080/1080)	201.00	201.00	180.66
	TOTAL (A) : 1-18	1810.82	1815.22	1524.83
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.90	21.58	21.56
b)	DEHAR (198/ 990)	27.59	27.59	28.29
c)	PONG (231.66/396)	6.47	6.47	6.81
	TOTAL : a TO c	55.96	55.65	56.66
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	60.59	59.91	67.92
e)	RIHAND (310.24/3000)	64.41	99.04	94.86
f)	UNCHAHAHAR-I(20/420)	7.14	5.48	21.31
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	25.85	20.71	35.18
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	18.21	15.81	27.14
j)	DADRI GAS (77/830)	3.62	3.06	7.85
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)	8.66	8.66	8.66
n)	RAPP-B (125/440)	28.65	28.82	28.82
o)	RAPP-C (88/440)	18.65	18.65	18.65
p)	SALAL (20.36/690)	4.72	4.72	4.67
q)	URI (70.37/720)	16.18	16.18	15.36
r)	TANAKPUR (10.86/94)	1.33	1.25	1.74
s)	CHAMERA –I (105.84/540)	24.34	24.38	24.38
t)	CHAMERA-II (29.01/300)	6.67	6.74	6.70
u)	CHAMERA-III (25.21/231)	5.82	5.82	5.82
v)	DHAULIGANGA (27/280)	4.81	5.05	5.20
w)	DULHASTI (42.42/390)	9.45	9.76	9.62
x)	SEWA (13/120)	0.58	0.58	0.58
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.74	33.00	34.63
z)	TEHRI (75/1000)	7.02	4.81	5.82
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	25.82	23.33	24.37
ab)	TALA	1.41	1.34	1.34
ac)	MUNDRA UMPP (380/4000)	69.03	66.01	63.14
ad)	SASAN (372/3960)	84.58	84.71	92.74
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.97	20.42	18.67
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	612.21	623.88	681.85
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	612.21	623.88	681.85
21	BILATERAL (REG.) EXCL. BANKING	24.21	23.92	23.80
22	BANKING	-10.59	-10.59	-10.59
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.32	94.70	102.32
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-22.12	-21.84	-20.73
25	INDIAN ENERGY EXCHANGE	-3.58	3.08	3.08
	TOTAL(B): (19 TO 25)	702.45	720.77	779.73
	TOTAL GENERATION (A +B) : 1 TO 25			2304.56
	OVER DRAWAL (+)/UNDER DRAWAL (-)			44.00
	GRAND TOTAL	2513.27	2535.99	2348.56
	LAST YEAR	2265.23	2179.91	2211.92

3. SYSTEM PARAMETERS AS ON 06-Jun-18

MAXIMUM DRAWL ON 06-Jun-18	10685 MW at 23.00-23.15 Hrs 49.95 HZ
MINIMUM DRAWL ON 06-Jun-18	7748 MW at 04.45-05.00 Hrs 50.04 HZ
Max U/D of the day	1616 MW at 05.00-05.15 Hrs 50.05 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	10
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	36
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	25
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
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 6-Jun-18	49.98 Hz
Max O/D of the day	1255 MW at 03.45-04.00 Hrs 50.01 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.80
ABOVE 50.05 HZ	10.80
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	88
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.	7-Jun-18	7-Jun-17		
Gandhi Sagar (Ft.)	1312	1250	1269.62	1294.92	NIL	229
R.P.Sagar (Ft.)	1157.5	1128	1138.70	1136.99	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.60	974.60	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	851.60	853.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1493.63	1559.76	18048	27715
Dehar (Ft.)	2941	2900	2934.44	2929.33	8615	13020
Pong(Ft.)	1421	1260	1285.60	1293.98	3511	7846
Mahi-I (Mts.)	281.5	259	269.20	269.51	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.25	218.05	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	
7-Jun-18	KTPS	120501	6 DAYS	
7-Jun-18	STPS	31967	1.5 DAYS	
7-Jun-18	CHHABRA	154388	20.5 DAYS	
	OUTAGE	KALISINDH	72782	5 DAYS

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

7-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 RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT2*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT1*	110.00	100	24.0	100	28-May-18	13.40			BOXED UP
DCCPP	HRSG1	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 GT1 boxed up)
Total(A) STATE SECTOR- PLANNED OUTAGE		455.00	370.00	88.80	370.00					

CENTRAL SECTOR

DADRI GPS	3	130.00	22	5.3	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RIHAND	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		1361.48	226.00	54.60	226.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
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)
RAMGARHI	GT#1	37.50	29	7.0	29	28-May-18	11.40			DUE TO NON AVAILABILITY OF SUFFICIENT FUEL GAS
BARINGSAR	1	125.00	110	26.4	110	31-May-18	12.30			REFRACTORY FALLING
KTPS	1	110.00	100	23.0	100	31-May-18	17.25	11-Jun-18		DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAJWEST	1	135.00	120	28.7	120	05-Jun-18	0.21			BED MATERIAL LEAKAGE
CHHABRA	4	250.00	225	54.0	225	06-Jun-18	9.55	07-Jun-18		BOILER TUBE LEAKAGE
BARINGSAR	2	125.00	110	3.8	0	06-Jun-18	19.00	07-Jun-18	3.28	MAIN STEAM TEMP HIGH
Total(B) STATE SECTOR-FORCED OUTAGE		2167.50	1928.50	439.29	1819.00					

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 VIBRATION
ANTA GPS	4	153.20	34	8.2	34	19-May-18	6.51			Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
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 RLNG or cheap gas.
SINGRAULI	6	500.00	85	20.5	85	05-Jun-18	22.45			BOILER TUBE LEAKAGE
RIHAND	4	500.00	59	14.2	59	06-Jun-18	8.44			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1852.91	227.00	54.80	227.00					
G.TOTAL				494.09	2046.00					

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 (\$).