



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

Power Position 08-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	2018	2018
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								
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	61.12	56.13	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
		7-Jun-18		
1	KTPS (1240/1240)	245.00	245.00	245.14
2	STPS (1500/1500)	327.00	327.00	303.76
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	43.00	39.98
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	1.09
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	161.87
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	242.00	242.00	237.77
11	WIND FARM (4137.20/4290.95)	360.50	422.00	330.76
12	SOLAR POWER(1656.70/2246.21)	54.97	86.70	69.95
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	21.83	22.12	21.09
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.31
17	BARSINGHAR LTPS(250/250)	25.00	20.00	15.05
18	RAJWEST (1080/1080)	201.00	201.00	201.38
	TOTAL (A) : 1-18	1722.30	1810.82	1670.34
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.40	21.90	21.46
b)	DEHAR (198/ 990)	27.48	27.59	27.89
c)	PONG (231.66/396)	6.14	6.47	6.28
	TOTAL : a TO c	56.02	55.96	55.63
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	76.49	60.59	60.46
e)	RIHAND (310.24/3000)	56.51	64.41	65.81
f)	UNCHAHAAR-I(20/420)	5.60	7.14	16.76
g)	UNCHAHAAR-II& III & IV(135.09/1130)	20.89	25.85	33.89
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.39	18.21	35.12
j)	DADRI GAS (77/830)	2.07	3.62	10.95
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	28.65	28.65
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	16.14
r)	TANAKPUR (10.86/94)	1.42	1.33	1.55
s)	CHAMERA –I (105.84/540)	24.34	24.34	24.34
t)	CHAMERA-II (29.01/300)	6.67	6.67	6.67
u)	CHAMERA-III (25.21/231)	5.82	5.82	5.82
v)	DHAULIGANGA (27/280)	5.15	4.81	4.22
w)	DULHASTI (42.42/390)	9.45	9.45	9.22
x)	SEWA (13/120)	0.58	0.58	0.58
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.74	35.74	35.74
z)	TEHRI (75/1000)	4.40	7.02	7.02
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	21.54	25.82	23.77
ab)	TALA	1.70	1.41	1.41
ac)	MUNDRA UMPP (380/4000)	69.03	69.03	68.48
ad)	SASAN (372/3960)	84.58	84.58	83.41
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.43	22.97	22.96
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	597.68	612.21	650.59
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	597.68	612.21	650.59
21	BILATERAL (REG.) EXCL. BANKING	24.21	24.21	24.21
22	BANKING	-10.59	-10.59	-10.59
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.32	92.76	102.32
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-21.83	-22.12	-21.09
25	INDIAN ENERGY EXCHANGE	109.24	-3.58	-3.58
	TOTAL(B): (19 TO 25)	801.02	702.45	741.86
	TOTAL GENERATION (A +B) : 1 TO 25			2412.20
	OVER DRAWAL (+)/UNDER DRAWAL (-)			61.12
	GRAND TOTAL	2523.32	2513.27	2473.32
	LAST YEAR	2131.84	2265.23	2131.84

3. SYSTEM PARAMETERS AS ON 07-Jun-18

MAXIMUM DRAWL ON 07-Jun-18	11242 MW at 09.45-10.00 Hrs 49.98 HZ
MINIMUM DRAWL ON 07-Jun-18	8873 MW at 18.30-18.45 Hrs 49.98 HZ
Max U/D of the day	410 MW at 21.00-21.15 Hrs 49.83 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	12
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	34
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	8-Jun-18	8-Jun-17		
Gandhi Sagar (FL)	1312	1250	1269.60	1294.87	NIL	229
R.P.Sagar (FL)	1157.5	1128	1138.66	1137.23	NIL	NIL
Jawahar Sagar (FL)	980	970.4	975.70	974.80	NIL	546
Kota Barrage(FL)	854.5	852.3	851.80	853.20		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1496.50	1561.25	17950	33364
Dehar (FL)	2941	2900	2933.92	2926.83	8470	13147
Pong(FL)	1421	1260	1285.80	1294.10	3306	5588
Mahi-I (Mts.)	281.5	259	269.20	269.55	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.20	218.00	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	7-Jun-18	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	734 MW at 13.45-14.00 Hrs 49.91 HZ		8-Jun-18	KTPS	109893	5.5 days
Frequency Profile	% of Time			STPS	46617	2 days
LESS THAN 49.7 HZ	0.00			CHHABRA	140462	18.5 days
LESS THAN 49.90 HZ	16.10			KALISINDH	64495	4.5 days
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.80					
ABOVE 50.05 HZ	6.10					
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	151					
No. of 132 KV Feeders Disconnected	0					

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

8-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			BOILER UP PERMISSON GIVEN BY RUNNL ON DATE 17.08.17 BUT PROBLEM IN DIST FEED
DCCPP	GT92*	110.00	100	24.0	100	13-Jul-16	16.40			BOILER UP PERMISSON GIVEN BY RUNNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP FEED
DCCPP	GT91*	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 (reated as based up w.e.f 13.40 hrs/28.05.18 as GT91 boxed up)
Total(A) STATE SECTOR-PLANNED OUTAGE			455.00	370.00	88.80	370.00				
CENTRAL SECTOR										
DABRI GFS	3	120.00	22	5.3	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURADYA GFS	1	111.19	18	4.4	18	28-Jun-18	5.51			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RIBHAND	3	500.00	58	13.8	58	10-May-18	8.50			ANNUAL MAINTENANCE
AURADYA GFS	4	111.19	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURADYA GFS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
AURADYA GFS	6	109.20	12	2.9	12	21-May-18	9.27			RESERVE SHUTDOWN FUEL SHORTAGE
AURADYA GFS	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											
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				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLER-1
KALISINDH	2	600.00	565	135.6	565	07-Apr-18	17.31				DUE TO GENERATOR TRIP 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)
BANGARH	GT91	37.50	29	7.0	29	28-May-18	11.40				DUE TO NON AVAILABILITY OF SUFFICIENT FUEL GAS
BARSINGAR	1	125.00	110	7.2	0	31-May-18	12.30	08-Jun-18	6.34		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	8.21				BED MATERIAL LEAKAGE
CHHABRA	4	250.00	225	54.0	225	06-Jun-18	9.55				BOILER TUBE LEAKAGE
BARSINGAR	2	125.00	110	0.0	0	06-Jun-18	19.00	07-Jun-18	3.28		MAIN STEAM TEMP HIGH
BARSINGAR	2	125.00	110	0.0	0	07-Jun-18	8.35	07-Jun-18	10.52		DUE TO ON PROTECTION
Total(B) STATE SECTOR-FORCED OUTAGE			2292.50	2038.50	416.30	1709.00					
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
AURADYA GFS	5	111.00	18	4.4	18	06-May-18	3.23				DRUM VIBRATION
ANTA GFS	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 GFS	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.
SINGRAEJI	6	500.00	85	2.1	0	05-Jun-18	22.45	08-Jun-18	3.22		BOILER TUBE LEAKAGE
RIBHAND	4	500.00	59	14.2	59	06-Jun-18	8.44				BOILER TUBE LEAKAGE
RIBHAND	1	500.00	58	13.8	58	06-Jun-18	22.01				BOILER TUBE LEAKAGE
UNCHAHAR	3	210.00	27	0.0	0	07-Jun-18	13.32	07-Jun-18	17.57		FB FAN TRIPPED
RIBHAND	5	500.00	75	12.6	75	08-Jun-18	7.12				BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE			3062.91	387.00	62.75	275.00					
G.TOTAL			479.05	1984.00							

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 (\$).