



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

Power Position 14-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	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								
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	56.92	11698.00	10251.00	50.01	565.54
MIN OF THE MONTH	2305.93	1932.34	2100.77	1683.43	-6.23	13.72	9461.00	8493.00	49.95	161.03
AVERAGE	2514.41	2065.96	2357.36	1937.68	23.10	31.64	10898.38	9314.46	49.99	409.33

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.)

552.55

12-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
		13-Jun-18		
1	KTPS (1240/1240)	245.00	245.00	207.34
2	STPS (1500/1500)	220.00	220.00	174.48
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	43.00	36.39
5	RAPP-A(200/200)	43.00	43.00	35.82
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)	216.00	216.00	183.44
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	134.00	223.00	160.24
11	WIND FARM (4137.20/4290.95)	552.00	552.00	565.54
12	SOLAR POWER(1656.70/2246.21)	54.24	77.23	39.29
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	6.08	10.75	8.61
16	BIOMASS – (101.95/119.25)	3.00	3.00	2.76
17	BARSINGHAR LTPS(250/250)	52.00	52.00	43.12
18	RAJWEST (1080/1080)	172.00	201.00	143.36
	TOTAL (A) : 1-18	1740.32	1885.98	1600.39
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.70	26.62	27.53
b)	DEHAR (198/ 990)	28.40	27.86	28.17
c)	PONG (231.66/396)	11.21	10.26	10.73
	TOTAL : a TO c	67.30	64.74	66.43
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.96	87.75	70.87
e)	RIHAND (310.24/3000)	103.97	74.21	50.62
f)	UNCHAHAHAR-I(20/420)	5.46	2.81	2.00
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	19.14	20.74	8.60
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.85	15.64	6.40
j)	DADRI GAS (77/830)	2.06	2.49	1.79
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)	8.64	8.18	8.18
n)	RAPP-B (125/440)	28.79	28.87	28.87
o)	RAPP-C (88/440)	18.64	18.64	18.64
p)	SALAL (20.36/690)	4.69	4.37	4.24
q)	URI (70.37/720)	16.06	16.06	16.10
r)	TANAKPUR (10.86/94)	1.67	1.63	1.75
s)	CHAMERA –I (105.84/540)	17.05	18.03	16.00
t)	CHAMERA-II (29.01/300)	6.65	6.65	6.65
u)	CHAMERA-III (25.21/231)	5.79	5.79	5.79
v)	DHAULIGANGA (27/280)	4.82	4.89	4.72
w)	DULHASTI (42.42/390)	9.71	9.71	9.71
x)	SEWA (13/120)	0.47	0.47	0.47
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.29	34.29	33.77
z)	TEHRI (75/1000)	4.97	4.97	4.97
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	20.48	17.54	18.60
ab)	TALA	2.62	1.83	1.83
ac)	MUNDRA UMPP (380/4000)	49.99	45.84	23.13
ad)	SASAN (372/3960)	83.68	84.02	75.43
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	19.47	19.05	6.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	638.21	599.20	492.18
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	638.21	599.20	492.18
21	BILATERAL (REG.) EXCL. BANKING	25.42	26.10	26.10
22	BANKING	-10.55	-10.55	-10.55
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.60	73.39	78.68
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-6.08	-10.75	-8.61
25	INDIAN ENERGY EXCHANGE	-21.41	-19.35	-19.35
	TOTAL(B): (19 TO 25)	683.20	666.39	558.45
	TOTAL GENERATION (A +B) : 1 TO 25			2158.84
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.38
	GRAND TOTAL	2423.52	2552.37	2166.22
	LAST YEAR	2077.20	2124.24	1919.15

3.SYSTEM PARAMETERS AS ON 13-Jun-18

MAXIMUM DRAWL ON 13-Jun-18	10536 MW at 23.15-23.30 Hrs 49.94 HZ
MINIMUM DRAWL ON 13-Jun-18	8059 MW at 18.15-18.30 Hrs 49.97 HZ
Max U/D of the day	537 MW at 01.15-01.30 Hrs 49.99 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	4
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	5
No. of Blocks in which Freq. >= 50.10	2
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 (cuses)	Inflow (cuses)
	Max.	Min.	14-Jun-18	14-Jun-17		
Gandhi Sagar (Ft.)	1312	1250	1269.48	1294.61	NIL	229
R.P.Sagar (Ft.)	1157.5	1128	1138.49	1137.47	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.90	975.00	NIL	92
Kota Barrage(Ft.)	854.5	852.3	851.00	852.80		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1509.55	1567.16	24533	26381
Dehar (Ft.)	2941	2900	2930.57	2919.94	8538	8649
Pong(Ft.)	1421	1260	1286.37	1291.42	6002	2693
Mahi-I (Mts.)	281.5	259	269.20	269.50	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.20	217.95	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY		13-Jun-18	49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		452 MW at 15.15-15.30 Hrs	49.79 HZ	14-Jun-18	KTPS	148676	7 Days
Frequency Profile		% of Time					
LESS THAN 49.7 HZ		0.00					
LESS THAN 49.90 HZ		13.90					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		75.60					
ABOVE 50.05 HZ		10.50					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders		0			CHHABRA	101271	13.5 Days
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders		13					
No. of 132 KV Feeders Disconnected		0					
				KALISINDH	76876	4.5 Days	

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

14-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	HRSG#2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL 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)
STPS	1	250.00	229	55.0	229	12-Jun-18	12.43			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		785.00	599.00	143.80	599.00					

CENTRAL SECTOR

DABRI 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
RHAND	3	500.00	58	0.0	0	10-May-18	0.50	13-Jun-18	10.00	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	40.80	168.00					

(B) FORCED 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)
RANGARI	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			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAIWEST	1	135.00	120	28.7	120	05-Jun-18	0.21			BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.0	229	11-Jun-18	16.44			DUE TO PROBLEM IN GUIDE BEARING OF API -3B
CHHABRA	3	250.00	225	0.0	0	13-Jun-18	12.53	13-Jun-18	15.04	DUE TO FURNACE PRESSURE HIGH
KALISINDH	1	600.00	565	0.0	0	13-Jun-18	15.14	13-Jun-18	18.36	turbine trip
ADANI	1	660.00	600	144.0	600	13-Jun-18	21.36			DUE TO LOW COAL SHORTAGE
RAIWEST	2	135.00	120	28.7	120	13-Jun-18	23.50			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		3562.50	3222.00	582.76	2433.00					

CENTRAL SECTOR

UNCHABAR	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	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.
RHAND	5	500.00	75	18.0	75	08-Jun-18	7.12			BOILER TUBE LEAKAGE
UNCHABAR	1	210.00	11	0.0	0	12-Jun-17	13.40	13-Jun-17	19.02	OIL LEAKAGE IN B PH BUSHING
JIJAJAR	2	500.00	5	1.2	5	12-Jun-17	23.15			DUE TO FUEL & COAL SHORTAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		2062.91	174.00	39.30	163.00					
G.TOTAL				622.06	2596.00					

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 (\$).