



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

Power Position 01-Jun-18	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -MAY- 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
01-May-18	2221.10	1837.16	2073.14	1833.87	25.25	22.71	9787	8892	50.00	346.11
02-May-18	2201.11	1849.34	2033.88	1823.88	40.17	28.21	9769	8587	50.02	257.78
03-May-18	2116.68	1603.25	1944.39	1665.23	22.24	49.01	9102	7838	50.01	143.70
04-May-18	2013.93	1782.60	2065.22	1919.59	46.27	38.13	9513	8953	49.94	65.13
05-May-18	2135.51	1979.93	2132.98	1990.19	17.22	1.86	9847	9488	49.92	176.33
06-May-18	2105.24	2125.12	2091.52	1982.31	-15.35	1.49	9830	9243	49.97	390.45
07-May-18	2279.26	2152.19	2069.07	1889.27	9.10	16.89	9791	8986	49.94	225.74
08-May-18	2102.96	1981.55	1904.55	1900.90	16.20	19.13	9152	8876	49.95	105.71
09-May-18	2104.03	2127.50	2081.56	1957.52	38.48	12.93	9916	9083	49.94	62.74
10-May-18	2017.42	2135.63	2114.70	1929.02	67.29	20.60	9842	8866	49.90	79.21
11-May-18	2147.62	2145.59	2266.35	1961.87	60.97	-0.22	10538	9360	49.94	221.45
12-May-18	2196.50	2131.77	2263.90	2040.20	10.26	-6.21	10453	9393	49.96	365.13
13-May-18	2284.00	2132.40	2182.11	2040.20	31.49	-6.21	10356	9393	49.99	123.58
14-May-18	2289.11	2132.40	2237.68	2036.35	55.96	19.40	10666	9818	50.00	95.51
15-May-18	2249.49	2231.94	2217.49	2083.11	21.98	29.63	10263	9956	49.94	176.71
16-May-18	2297.02	2228.76	2208.33	2016.63	18.20	7.64	10165	9649	49.92	70.02
17-May-18	2252.09	2082.03	2260.98	1846.51	19.36	44.70	10514	9022	49.95	146.41
18-May-18	2261.07	1998.99	2265.41	1930.21	6.64	38.06	10359	8912	49.91	84.68
19-May-18	2199.14	2122.39	2257.53	1887.98	14.41	46.63	10296	8724	49.91	109.65
20-May-18	2202.59	1940.83	2217.13	1834.29	-11.50	57.70	9965	8900	49.98	130.74
21-May-18	2330.45	1598.99	2296.20	1699.47	9.89	43.05	10496	8326	49.94	184.55
22-May-18	2384.00	1781.03	2364.94	1640.10	11.21	17.84	10723	8689	49.92	230.13
23-May-18	2344.60	1829.87	2338.18	1886.00	64.89	26.70	10508	9057	49.95	67.56
24-May-18	2378.99	1828.37	2362.35	1844.80	60.56	28.66	10667	8611	49.95	77.23
25-May-18	2265.55	1994.66	2350.65	1917.16	49.81	36.01	10898	9344	49.97	120.13
26-May-18	2191.33	2127.12	2347.47	2099.34	32.43	42.59	10582	9805	49.90	140.54
27-May-18	2337.24	2248.99	2346.35	2144.66	44.61	33.67	10766.00	10305.00	49.96	65.80
28-May-18	2279.11	2391.45	2346.51	2081.95	68.16	12.41	11033.00	9958.00	49.93	64.08
29-May-18	2357.25	2160.71	2427.14	1762.85	43.14	1.67	11258.00	8904.00	49.97	272.47
30-May-18	2316.58	2064.58	2340.36	1923.83	37.16	12.77	10978.00	9250.00	49.94	205.03
31-May-18	2359.55	2280.06	2360.19	1769.68	58.32	16.41	10914.00	8806.00	49.91	190.20
01-Jun-18	2449.52	1961.95								
MAXIMUM OF THE MONTH	2384.00	2391.45	2427.14	2144.66	68.16	57.70	11258.00	10305.00	50.02	390.45
MIN OF THE MONTH	2013.93	1598.99	1904.55	1640.10	-15.35	-6.21	9102.00	7838.00	49.90	62.74
AVERAGE	2228.70	2024.90	2213.60	1918.98	30.55	23.25	10267.77	9139.60	49.95	160.14

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

2427.14

29-May-18

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

11258

(07.30-07.45Hrs.)

29-May-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.)

390.45

06-May-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
		31-May-18		
1	KTPS (1240/1240)	245.00	222.00	231.94
2	STPS (1500/1500)	327.00	327.00	317.13
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	45.00	41.78
5	RAPP-A(200/200)	37.00	37.00	39.98
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.24
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	171.67
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	266.00	242.00	260.55
11	WIND FARM (4137.20/4290.95)	331.00	266.00	190.20
12	SOLAR POWER(1656.70/2246.21)	80.75	87.70	84.31
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	44.80	35.20	36.88
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.12
17	BARSINGHAR LTPS(250/250)	26.00	52.00	36.70
18	RAJWEST (1080/1080)	201.00	201.00	205.44
	TOTAL (A) : 1-18	1771.54	1684.90	1622.94
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.59	24.19	23.47
b)	DEHAR (198/ 990)	20.05	18.15	21.98
c)	PONG (231.66/396)	4.35	6.45	4.44
	TOTAL : a TO c	46.99	48.79	49.89
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.82	86.82	86.82
e)	RIHAND (310.24/3000)	103.86	102.87	104.63
f)	UNCHAHAHAR-I(20/420)	7.30	6.96	8.10
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	24.88	25.72	19.28
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.75	19.12	19.18
j)	DADRI GAS (77/830)	2.33	2.80	4.24
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)	8.76	8.76	8.76
n)	RAPP-B (125/440)	28.74	28.74	28.74
o)	RAPP-C (88/440)	18.60	18.60	18.60
p)	SALAL (20.36/690)	3.75	1.67	1.64
q)	URI (70.37/720)	16.13	16.13	16.15
r)	TANAKPUR (10.86/94)	0.97	0.97	1.01
s)	CHAMERA –I (105.84/540)	12.89	10.62	10.62
t)	CHAMERA-II (29.01/300)	6.64	6.64	6.64
u)	CHAMERA-III (25.21/231)	5.78	5.07	5.07
v)	DHAULIGANGA (27/280)	2.99	2.86	3.13
w)	DULHASTI (42.42/390)	9.76	9.76	9.76
x)	SEWA (13/120)	0.42	0.42	0.42
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	21.80	20.03	21.89
z)	TEHRI (75/1000)	2.79	2.81	2.83
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.51	10.07	11.98
ab)	TALA	0.94	1.25	1.25
ac)	MUNDRA UMPP (380/4000)	68.45	68.22	68.34
ad)	SASAN (372/3960)	81.93	69.31	69.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.95	22.95	22.95
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	614.74	597.95	601.19
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	614.74	597.95	601.19
21	BILATERAL (REG.) EXCL. BANKING	14.49	11.41	12.44
22	BANKING	-10.61	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	72.20	-7.20	2.29
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-44.80	-35.20	-36.88
25	INDIAN ENERGY EXCHANGE	31.95	99.89	99.89
	TOTAL(B): (19 TO 25)	677.97	674.65	678.93
	TOTAL GENERATION (A +B) : 1 TO 25			2301.87
	OVER DRAWAL (+)/UNDER DRAWAL (-)			58.32
	GRAND TOTAL	2449.51	2359.55	2360.19
	LAST YEAR	1961.95	2280.06	1769.68

3. SYSTEM PARAMETERS AS ON 31-May-18

MAXIMUM DRAWL ON 31-May-18	10914 MW at 23.45-24.00 Hrs 49.93 HZ
MINIMUM DRAWL ON 31-May-18	8420 MW at 18.00-18.15 Hrs 50.03 HZ
Max U/D of the day	415 MW at 06.45-07.00 Hrs 49.98 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	38
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 HZ	34
No. of Blocks in which Freq. >= 49.9 & <50.00 HZ	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	29
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	4
No. of Blocks in which Freq. >= 50.00 & <50.05 HZ	6
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	3
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	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 31-May-18	49.91 HZ
Max O/D of the day	733 MW at 22.15-22.30 Hrs 49.96 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.70
LESS THAN 49.90 HZ	42.10
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	56.70
ABOVE 50.05 HZ	0.50
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	129
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.	1-Jun-18	1-Jun-17		
Gandhi Sagar (Ft.)	1312	1250	1269.74	1295.31	NIL	229
R.P.Sagar (Ft.)	1157.5	1128	1138.97	1136.96	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.20	975.30	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.70	852.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1490.94	1550.44	19391	14989
Dehar (Ft.)	2941	2900	2928.28	2922.76	6527	7925
Pong(Ft.)	1421	1260	1285.91	1294.45	2408	811
Mahi-I (Mts.)	281.5	259	269.30	269.60	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.35	218.15	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
1-Jun-18	KTPS	73786	3.5 DAYS
	STPS	25960	1 DAY
	CHHABRA	171748	23 DAYS
	KALISINDH	67588	5 DAYS

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

1-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	HRSGR2*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT01*	110.00	100	24.0	100	28-May-18	13.40			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		400.00	320.00	76.80	320.00					
CENTRAL SECTOR										
DABRI GPS	4	130.19	22	5.3	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.3	22	25-Oct-17	22.22			RESERVE SHUTDOWN
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
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		1645.67	270.00	65.20	270.00					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
GIRAL	2	125.00	70	17	70	27-Jun-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	475	135.6	475	07-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
ADANI	2	660.00	600	144	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE
DCCPP	HRSGR1	55.00	50	12	50	19-May-18	16.57			NON AVAILABILITY OF GAS
RAIWEST	2	135.00	120	2.74	0	27-May-18	11.31	01-Jun-18	2.18	BED MATERIAL LEAKAGE
RAMGARH	GT01	37.50	10	3.00	10	28-May-18	11.40			DUE TO NON AVAILABILITY OF SUFFICIENT FUEL GAS
KTPS	3	210.00	192	0	0	30-May-18	14.02	31-May-18	15.15	HYDROGEN LEAKAGE
CHHABRA	4	250.00	225	54	0	30-May-18	3.43			DUE TO COAL MILL
BARSINGAR	1	125.00	110	26.40	110	31-May-18	12.30			REFRACTORY FALLING
KTPS	1	110.00	100	23.0	100	31-May-18	17.25			DESYNCHRONIZE DUE TO SUSPECTED TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2307.50	1951.50	417.54	1415.00					
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.
ISTPP(HAJAR)	2	500.00	5	1.2	5	27-May-18	22.09			
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1352.91	88.00	21.30	88.00					
G.TOTAL			438.84	1503.00						

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 (\$).