



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

Power Position 17-May-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		
May-18										
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	2252.09	2228.76	2208.33	2016.63	18.20	7.64	10165	9649	49.92	70.02
17-May-18		2082.03								
18-May-18										
19-May-18										
20-May-18										
21-May-18										
22-May-18										
23-May-18										
24-May-18										
25-May-18										
26-May-18										
27-May-18										
28-May-18										
29-May-18										
30-May-18										
01-May-18										
MAXIMUM OF THE MONTH	2289.11	2231.94	2266.35	2083.11	67.29	49.01	10666.00	9956.00	50.02	390.45
MIN OF THE MONTH	2013.93	1603.25	1904.55	1665.23	-15.35	-6.21	9102.00	7838.00	49.90	62.74
AVERAGE	2160.83	2037.56	2117.93	1941.88	29.11	15.94	9936.88	9148.81	49.96	181.58
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2266.35	11-May-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							10666	(9.15-09.30Hrs.)	14-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
		16-May-18		
1	KTPS (1240/1240)	268.00	268.00	257.76
2	STPS (1500/1500)	330.00	330.00	295.58
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	35.28
5	RAPP-A(200/200)	40.00	40.00	41.63
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	206.00	192.23
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	278.00	278.00	277.12
11	WIND FARM (4137.20/4290.95)	97.00	96.00	70.02
12	SOLAR POWER(1656.70/2246.21)	72.12	68.93	55.28
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	31.72	28.10	28.42
16	BIOMASS – (101.95/119.25)	3.00	6.00	2.96
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.00
18	RAJWEST (1080/1080)	172.00	172.00	172.61
	TOTAL (A) : 1-18	1571.84	1557.03	1453.89
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.11	25.77	25.57
b)	DEHAR (198/ 990)	13.60	17.82	13.52
c)	PONG (231.66/396)	8.37	7.56	8.01
	TOTAL : a TO c	48.08	51.16	47.10
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.96	86.97	90.74
e)	RIHAND (310.24/3000)	102.39	102.96	105.79
f)	UNCHAHAAR-I(20/420)	6.96	6.02	5.88
g)	UNCHAHAAR-II& III & IV(135.09/1130)	26.00	21.77	21.44
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.08	15.22	14.09
j)	DADRI GAS (77/830)	2.63	2.22	2.13
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)	7.35	4.26	4.26
n)	RAPP-B (125/440)	29.07	29.23	29.23
o)	RAPP-C (88/440)	18.60	18.60	18.60
p)	SALAL (20.36/690)	2.80	2.82	2.47
q)	URI (70.37/720)	16.13	16.13	16.15
r)	TANAKPUR (10.86/94)	0.81	0.80	0.86
s)	CHAMERA –I (105.84/540)	11.05	11.39	11.39
t)	CHAMERA-II (29.01/300)	4.67	4.38	4.57
u)	CHAMERA-III (25.21/231)	3.70	3.54	3.54
v)	DHAULIGANGA (27/280)	2.56	2.30	2.43
w)	DULHASTI (42.42/390)	9.76	9.76	9.76
x)	SEWA (13/120)	0.84	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.59	12.36	12.52
z)	TEHRI (75/1000)	2.36	2.56	2.91
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	6.57	7.59	7.76
ab)	TALA	0.82	0.70	0.70
ac)	MUNDRA UMPP (380/4000)	50.00	50.92	50.25
ad)	SASAN (372/3960)	84.31	84.31	84.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.83	21.46	19.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	565.92	570.38	569.43
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	565.92	570.38	569.43
21	BILATERAL (REG.) EXCL. BANKING	7.87	7.16	7.16
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	101.99	93.06	101.99
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-31.72	-28.10	-28.42
25	INDIAN ENERGY EXCHANGE	36.19	86.09	86.09
	TOTAL(B): (19 TO 25)	680.25	737.51	736.24
	TOTAL GENERATION (A +B) : 1 TO 25			2190.13
	OVER DRAWAL (+)/UNDER DRAWAL (-)			18.20
	GRAND TOTAL	2252.09	2294.54	2208.33
	LAST YEAR	2082.03	2228.76	2016.63

3. SYSTEM PARAMETERS AS ON 16-May-18

MAXIMUM DRAWL ON 16-May-18	10165 MW at 09.15-09.30 Hrs 49.99 HZ
MINIMUM DRAWL ON 16-May-18	7327 MW at 4.00-4.15Hrs 49.96 HZ
Max U/D of the day	606 MW at 20.45-21.00 Hrs 49.91 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	35
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	23
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	12
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	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	17-May-18	17-May-17		
Gandhi Sagar (Ft.)	1312	1250	1270.04	1296.69	NIL	219
R.P.Sagar (Ft.)	1157.5	1128	1139.48	1137.13	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.90	976.60	951	NIL
Kota Barrage(Ft.)	854.5	852.3	850.80	852.80		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	1534.80	NA	NA
Dehar (Ft.)	2941	2900	NA	2930.70	NA	NA
Pong(Ft.)	1421	1260	NA	1296.09	NA	NA
Mahi-I (Mts.)	281.5	259	269.60	269.55	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.65	218.45	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	16-May-18	49.92 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		497 MW at 12.45-13.00 Hrs 49.86 HZ	17-May-18	KTPS	18552	2 DAYS
Frequency Profile		% of Time		STPS	58677	2.5 DAYS
LESS THAN 49.7 HZ		0.00		CHHABRA	162580	21.5 DAYS
LESS THAN 49.90 HZ		38.80		KALISINDH	94467	6.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		57.10				
ABOVE 50.05 HZ		4.10				
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		84				
No. of 132 KV Feeders Disconnected		0				

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

17-May-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	16.80	70	11-Jul-14	8.20				BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35				BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT92*	110.00	100	24.00	100	13-Jul-16	16.40				BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG01	55.00	50	12.00	50	11-Dec-17	21.12				SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruvnl end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
DCCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34				AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruvnl end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
CHHABRA	4	250.00	225	8.70	0	10-Apr-18	23.30	16-May-18	3.52		ANNUAL SD
Total(A) STATE SECTOR- PLANNED OUTAGE			705.00	595.00	97.50	370.00					

CENTRAL SECTOR

DABRI GPS	4	138.19	22	5	22	18-Oct-17	6.00				RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5	22	25-Oct-17	22.22				RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5	22	25-Oct-17	22.30				RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4	18	25-Oct-17	22.43				RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4	18	28-Jan-18	5.51				RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	8	31	09-Mar-18	4.54				RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	8	31	09-Mar-18	5.31				RESERVE SHUTDOWN
UNCHAHAR	5	210.00	24	6	24	17-Apr-18	0.25				UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS
RHAND-II	1	500.00	54	14	54	10-May-18	0.50				ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			1523.80	242.00	59.20	242.00					

(B) FORCED 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-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31				DUE TO GENERATOR TRF TRIP
BARSINGSAR	2	125.00	110	26	110	16-Apr-18	0.47				REFRACTORY BREAKERS.
ADANI	2	660.00	600	144	600	29-Apr-18	7.33				DUE TO CONDENSER TUBE LEAKAGE
RAMGARH	GT-I	37.50	29	7	29	09-May-18	17.11				GENERATOR BREAKER TRIPPED
RAJWEST	7	135.00	120	29	120	09-May-18	23.40				REFACTORY DAMAGE
RAJWEST	6	135.00	120	29	120	14-May-18	22.49				HEAVY BED MATERIAL LEAKAGE
CHHABRA	4	250.00	225	5	255	16-May-18	12.32	16-May-18	14.57		DUE TO GT PROTECTION
Total(B) STATE SECTOR-FORCED OUTAGE			2067.50	1748.00	392.23	1778.00					
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
ISTPP(JHJHAR)	2	500.00	5	1.2	5	05-Apr-18	0.17				AMP/OVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23				DRUM VIBRATION
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1111.00	23.00	5.60	23.00					
G.TOTAL			397.83	1801.00							

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 (S).