



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

Power Position 15-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	2018	2018
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								
16-May-18										
17-May-18										
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	2040.20	67.29	49.01	10666.00	9818.00	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	2155.12	2022.84	2104.36	1926.46	30.40	15.55	9897.29	9055.43	49.96	189.90
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
		14-May-18		
1	KTPS (1240/1240)	270.00	268.00	233.65
2	STPS (1500/1500)	273.00	275.00	232.11
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	36.22
5	RAPP-A(200/200)	40.00	42.00	40.80
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.74
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	162.00	152.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	254.00	279.00	232.97
11	WIND FARM (4137.20/4290.95)	168.00	142.00	95.51
12	SOLAR POWER(1656.70/2246.21)	62.90	85.21	68.93
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	28.09	34.61	32.61
16	BIOMASS – (101.95/119.25)	6.00	5.00	5.89
17	BARSINGHSAR LTPS(250/250)	25.00	26.00	24.87
18	RAJWEST (1080/1080)	172.00	201.00	183.89
	TOTAL (A) : 1-18	1498.99	1557.82	1341.93
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.95	27.79	26.61
b)	DEHAR (198/ 990)	11.98	20.84	18.83
c)	PONG (231.66/396)	7.13	9.78	10.13
	TOTAL : a TO c	45.06	58.41	55.57
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.97	86.97	167.74
e)	RIHAND (310.24/3000)	100.87	102.95	114.77
f)	UNCHAHAAR-I(20/420)	6.69	5.92	6.39
g)	UNCHAHAAR-II& III & IV(135.09/1130)	24.27	20.94	13.71
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	19.21	16.00	13.08
j)	DADRI GAS (77/830)	2.63	2.90	4.35
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)	3.80	0.59	6.34
n)	RAPP-B (125/440)	29.23	30.12	30.12
o)	RAPP-C (88/440)	18.60	18.60	18.60
p)	SALAL (20.36/690)	3.26	2.92	3.77
q)	URI (70.37/720)	16.13	16.13	16.15
r)	TANAKPUR (10.86/94)	0.81	0.80	0.89
s)	CHAMERA –I (105.84/540)	14.22	15.92	15.50
t)	CHAMERA-II (29.01/300)	5.04	5.92	4.95
u)	CHAMERA-III (25.21/231)	4.01	4.01	3.69
v)	DHAULIGANGA (27/280)	1.60	2.56	2.66
w)	DULHASTI (42.42/390)	9.76	9.76	9.76
x)	SEWA (13/120)	0.94	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.05	12.98	12.43
z)	TEHRI (75/1000)	3.08	3.08	3.08
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	7.47	7.66	7.80
ab)	TALA	0.70	0.68	0.68
ac)	MUNDRA UMPP (380/4000)	50.92	50.92	50.92
ad)	SASAN (372/3960)	84.31	76.33	99.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.33	16.88	14.72
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	573.96	570.91	677.70
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	573.96	570.91	677.70
21	BILATERAL (REG.) EXCL. BANKING	7.16	7.63	7.35
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	101.99	91.68	101.99
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-28.09	-34.61	-32.61
25	INDIAN ENERGY EXCHANGE	95.49	85.37	85.37
	TOTAL(B): (19 TO 25)	750.50	731.29	839.79
	TOTAL GENERATION (A +B) : 1 TO 25			2181.72
	OVER DRAWAL (+)/UNDER DRAWAL (-)			55.96
	GRAND TOTAL	2249.49	2289.11	2237.68
	LAST YEAR	2231.94	2277.47	2036.34

3. SYSTEM PARAMETERS AS ON 14-May-18

MAXIMUM DRAWL ON 14-May-18	10666 MW at 09.15-09.30 Hrs 49.98 HZ
MINIMUM DRAWL ON 14-May-18	7526 MW at 18.30-18.45Hrs 50.03 HZ
Max U/D of the day	557 MW at 18.15-18.30 Hrs 50.07 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	21
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	31
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	21
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	6
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	3

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	15-May-18	15-May-17		
Gandhi Sagar (Ft.)	1312	1250	1270.08	1295.75	NIL	219
R.P.Sagar (Ft.)	1157.5	1128	1139.51	1137.20	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.70	976.50	951	NIL
Kota Barrage(Ft.)	854.5	852.3	851.40	853.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1511.56	1534.41	22391	9685
Dehar (Ft.)	2941	2900	2921.65	2934.58	3829	3816
Pong(Ft.)	1421	1260	1290.11	1296.20	3802	1632
Mahi-I (Mts.)	281.5	259	269.65	269.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.95	218.50	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	14-May-18	50.00 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		870 MW at 01.30-01.45 Hrs 50.07 HZ	15-May-18	KTPS	19460	1 DAY
Frequency Profile		% of Time		STPS	67589	2.5 DAYS
LESS THAN 49.7 HZ		0.00		CHHABRA	158475	21 DAYS
LESS THAN 49.90 HZ		7.70		KALISINDH	102162	7 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		71.60				
ABOVE 50.05 HZ		20.70				
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		26				
No. of 132 KV Feeders Disconnected		0				

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

15-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 RU/NL 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 RU/NL 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 ru/nl end id msg no OP/12/730 dt 27.12.17 and sp/12/790dt 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 ru/nl end id msg no OP/12/730 dt 27.12.17 and sp/12/790dt 30.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL SD
Total(A) STATE SECTOR- PLANNED OUTAGE		705.00	595.00	142.80	595.00					

CENTRAL SECTOR

DADRI GPS	4	138.19	22	5	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI 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	6	109.00	18	4	18	25-Oct-17	23.09			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
RILAND-II	1	500.00	54	14	54	10-May-18	0.50			ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1632.80	260.00	63.60	260.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME	REASON OF OUTAGE		
GIRAL	2	125.00	70	17	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-AR-I		
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31	DUE TO GENERATOR TRIP		
BARSINGSAR	2	125.00	110	26	110	16-Apr-18	0.47	REFRRECTORY BREKERS.		
ADANI	2	600.00	600	144	600	29-Apr-18	7.33	DUE TO CONDENSER TUBE LEAKAGE		
RAMGARHI	GT-1	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		
STPS	2	250.00	229	55	229	12-May-18	7.48	BOILER TUBE LEAKAGE		
KTPS	4	210.00	192	0	0	14-May-18	12.49	VACCUM LEVEL LOW		
RAJWEST	6	135.00	120	29	120	14-May-18	22.49	HEAVY BED MATERIAL LEAKAGE		
Total(B) STATE SECTOR-FORCED OUTAGE		2277.50	1944.00	442.16	1752.00					

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH
ISTPP(JHAJAR)	2	500.00	5	1.2	5	05-Apr-18	0.17	AMPOVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23	DRUM VIVIRATION
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1111.00	23.00	5.60	23.00			

G.TOTAL

447.76

1775.00

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).