



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

Power Position 04-Apr-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL- 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		
Apr-18										
01-Apr-18	1796.47	1886.47	1835.83	1739.48	4.46	21.47	8561	8166	49.98	170.85
02-Apr-18	1946.31	1836.49	1852.30	1697.94	4.22	8.57	8771	7764	49.96	180.36
03-Apr-18	1982.88	1809.01	1863.76	1705.06	-8.32	38.60	8749	8216	49.92	160.74
04-Apr-18	1900.21	1727.02								
05-Apr-18										
06-Apr-18										
07-Apr-18										
08-Apr-18										
09-Apr-18										
10-Apr-18										
11-Apr-18										
12-Apr-18										
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24-Apr-18										
25-Apr-18										
26-Apr-18										
27-Apr-18										
28-Apr-18										
29-Apr-18										
30-Apr-18										
01-May-18										
MAXIMUM OF THE MONTH	1982.88	1886.47	1863.76	1739.48	4.46	38.60	8771.00	8216.00	49.98	180.36
MIN OF THE MONTH	1796.47	1727.02	1835.83	1697.94	-8.32	8.57	8561.00	7764.00	49.92	160.74
AVERAGE	1928.77	1855.20	1850.63	1714.16	0.12	22.88	8693.67	8048.67	49.95	170.65
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							1852.30	02-Apr-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							8771	(07.30-07.45Hrs.)	02-Apr-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.)							180.36	02-Apr-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 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		3-Apr-18		
1	KTPS (1240/1240)	176.00	176.00	150.14
2	STPS (1500/1500)	165.00	165.00	133.60
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	40.00	35.52
5	RAPP-A(200/200)	42.00	42.00	43.08
6	MAHI (140/140)	0.00	0.00	3.13
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)	218.00	218.00	272.76
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	404.00	395.00	318.85
11	WIND FARM (3980.40/4119.15)	88.25	129.00	160.74
12	SOLAR POWER(737.70/1295.70)	80.04	67.79	63.26
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	27.68	23.85	23.12
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.77
17	BARSINGHAR LTPS(250/250)	20.40	19.00	19.65
18	RAJWEST (1080/1080)	201.00	201.00	185.09
	TOTAL (A) : 1-18	1465.37	1481.64	1414.71
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.44	18.42	18.27
b)	DEHAR (198/ 990)	7.90	9.43	9.55
c)	PONG (231.66/396)	2.10	2.61	2.03
	TOTAL : a TO c	28.44	30.45	29.85
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	61.36	59.84	59.84
e)	RIHAND (310.24/3000)	103.69	102.09	102.17
f)	UNCHAHAHAR-I(20/420)	6.53	6.01	2.99
g)	UNCHAHAHAR-II& III(61/630)	24.41	22.10	11.42
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	18.16	14.44	4.07
j)	DADRI GAS (77/830)	3.37	2.56	0.56
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)	9.02	9.03	9.03
n)	RAPP-B (125/440)	31.16	31.16	31.16
o)	RAPP-C (88/440)	18.89	18.89	18.89
p)	SALAL (20.36/690)	1.16	1.07	1.42
q)	URI (70.37/720)	9.04	8.94	9.60
r)	TANAKPUR (10.86/94)	0.01	0.01	0.01
s)	CHAMERA –I (105.84/540)	4.13	4.14	4.14
t)	CHAMERA-II (29.01/300)	1.85	1.94	3.07
u)	CHAMERA-III (25.21/231)	1.88	1.68	2.20
v)	DHAULIGANGA (27/280)	1.27	0.78	1.02
w)	DULHASTI (42.42/390)	448.80	4.17	5.22
x)	SEWA (13/120)	1.55	1.04	1.04
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.43	6.44	6.76
z)	TEHRI (75/1000)	4.99	5.00	5.00
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.60	2.47	5.47
ab)	TALA	0.02	0.19	0.19
ac)	MUNDRA UMPP (380/4000)	67.23	55.56	54.72
ad)	SASAN (372/3960)	84.91	83.54	83.54
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	18.52	23.73	12.49
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	959.42	497.24	465.85
	LOSSES	-440.68	2.91	0.01
	NET SCHEDULED	518.74	500.15	465.86
21	BILATERAL (REG.) EXCL. BANKING	4.38	3.79	3.79
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	100.45	87.30	92.43
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-27.68	-23.85	-23.12
25	INDIAN ENERGY EXCHANGE	-161.04	-81.58	-81.58
	TOTAL(B): (19 TO 25)	434.85	501.24	457.37
	TOTAL GENERATION (A +B) : 1 TO 25			1872.07
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-8.32
	GRAND TOTAL	1900.21	1982.88	1863.75
	LAST YEAR	1727.02	1809.01	1705.06

3. SYSTEM PARAMETERS AS ON 03-Apr-18

MAXIMUM DRAWL ON 03-Apr-18	8749 MW at 07.30-07.45 Hrs 50.00 Hz
MINIMUM DRAWL ON 03-Apr-18	6847 MW at 04.00-04.15 Hrs 49.92 Hz
Max U/D of the day	572 MW at 3.15 HRS 49.93 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	32
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	18
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	55
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	12
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	7
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	1
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	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	2
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.	4-Apr-18	4-Apr-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1296.62	133	NA
R.P.Sagar (Ft.)	1157.5	1128	1141.01	1138.58	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.80	976.80	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.80	853.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1547.83	1524.12	12413	7302
Dehar (Ft.)	2941	2900	2923.09	2917.19	2573	2823
Pong(Ft.)	1421	1260	1292.88	1301.63	1209	1337
Mahi-I (Mts.)	281.5	259	270.55	271.20	950	NIL
Mahi-II (Mts.)	220.5	217	218.00	217.10	NA	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	3-Apr-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	444 MW at 19.00 HRS 49.84Hz		4-Apr-18	KTPS	24175	1 DAY
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00			STPS	109617	4.5 DAYS
LESS THAN 49.90 HZ	NA					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA			CHHABRA	75135	10 DAYS
ABOVE 50.05 HZ	#VALUE!					
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	0		KALISINDH	26201	2 DAYS	
No. of 132 KV Feeders Disconnected	0					

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

4-Apr-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 (S/D W.E.F.15.07.14)
DCCPP	HRS02*	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	GTI2*	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	HRS01*	55.00	50	12.00	50	11-Dec-17	21.12	SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end id msg no OP12/730 dt 27.12.17 and op12/790 dt 30.12.17)
DCCPP	GTI1	110.00	100	24.00	100	12-Dec-17	23.34	AIR INLET DIFFERENTIAL PRESSURE IHG(permission not granted by ruval end id msg no OP12/730 dt 27.12.17 and op12/790 dt 30.12.17)
STPS	4	250.00	229	55.00	229	18-Mar-18	12.36	BOXED UP
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28	LEAKAGE IN BOILER DUC Turbine permission pending, by ruval end id msg no OP/3/387 dt 23.03.18 w.e.f 00.00 hrs date 24.03.18(permission not granted by ruval end id msg no
STPS	6	250.00	229	55.00	229	31-Mar-18	23.59	BOXED UP
KTPS	5	210.00	192	46.00	192	01-Apr-18	1.42	GRID FAILURE (side trips m.no. 124 dated 01.04.18 dt m.no. 26 cannot be light up due to insufficient coal stock)
STPS	1	250.00	229	55.00	229	02-Apr-18	12.36	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1525.00	1349.00	322.80	1349.00			

CENTRAL SECTOR

DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.80	RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22	RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30	RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43	RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09	RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51	RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	02-Feb-18	19.32	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06	RESERVE SHUTDOWN
RAPP-C	6	22.00	44	0.00	0	06-Feb-18	0.00	30-Mar-18 21.45 MAINTENANCE
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1187.28	249.00	49.80	205.00			

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR								
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-AB-4
RAJWEST	8	135.00	120	28.67	120	14-Mar-18	5.30	DESYNCHRONIZED DUE TO TURBINE SIDE OIL LEAKAGE
ADANI	1	660.00	600	144.00	600	29-Mar-18	5.39	APH hot PA duct expansion bellow leakage.
KTPS	2	110.00	100	23.00	100	29-Mar-18	7.54	INSUFFICIENT COAL STOCK
BARSINGSAR	1	125.00	110	26.40	110	30-Mar-18	23.20	TURBINE VACCUM PROBLEM
KALISINDH	1	600.00	565	0.00	0	02-Apr-18	19.44	03-Apr-18 0.57 DUE TO UPS SUPPLY FAIL
RAMGARH	STG01	50.00	40	0.00	0	03-Apr-18	9.06	03-Apr-18 19.28 VOLTAGE JERK & DRUM LEVEL LOW
RAMGARH	STG2	50.00	40	0.00	0	03-Apr-18	12.80	03-Apr-18 18.22 VOLTAGE JERK
RAMGARH	GTI3	110.00	100	0.00	0	03-Apr-18	12.80	03-Apr-18 13.34 VOLTAGE JERK
ADANI	600	600	600	0.00	0	03-Apr-18	19.27	03-Apr-18 22.03 OIL LEAKAGE IN YDBFP-B
Total(B) STATE SECTOR-FORCED OUTAGE		2625.00	2345.00	238.87	1000.00			

CENTRAL SECTOR

CENTRAL SECTOR								
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54	NON-AVAILABILITY OG GAS
ANTA GPS	4	153.20	34	8.20	34	09-Mar-18	5.83	NON-AVAILABILITY OG GAS
ANTA GPS	1	88.71	31	7.50	31	09-Mar-18	5.31	NON-AVAILABILITY OG GAS
RHAND	2	500.00	58	13.80	58	21-Mar-18	12.25	AMP
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58	AMP WORKS
ISTPP(HAJIAR)	1	500.00	5	1.20	5	02-Apr-18	1.86	BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		2330.62	244.00	58.70	244.00			
G.TOTAL				297.57	1244.00			

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 (\$).