



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

Power Position 12-Apr-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. –APRIL - 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Mar-17										
01-Apr-17	1886.47	1807.79	1739.48	1691.13	21.47	11.65	8166	7722	49.99	111.46
02-Apr-17	1836.49	1758.42	1697.94	1730.58	8.57	32.58	7764	7898	49.98	118.03
03-Apr-17	1809.01	1815.76	1705.07	1741.69	38.60	8.11	8216	7801	49.98	238.53
04-Apr-17	1727.02	1756.95	1688.41	1713.65	2.92	6.46	7611	7785	49.98	326.11
05-Apr-17	1795.43	1842.82	1646.55	1710.17	7.85	7.43	7707	7891	49.99	430.17
06-Apr-17	1836.36	1824.29	1627.90	1689.83	4.04	12.30	7966	7827	49.99	280.18
07-Apr-17	1711.83	1792.45	1672.23	1681.46	19.41	4.93	7826	7807	49.98	93.98
08-Apr-17	1679.29	1751.90	1594.09	1711.18	8.54	17.54	7492	7730	49.97	51.93
09-Apr-17	1679.29	1805.47	1518.00	1710.36	22.27	19.14	7196	7822	49.99	124.06
10-Apr-17	1652.80	1792.70	1576.75	1702.88	24.72	2.10	7643	7718	49.99	34.22
11-Apr-17	1596.57	1762.18	1622.03	1697.15	19.38	11.66	7623	7888	49.97	44.08
12-Apr-17	1697.11	1714.23								
13-Apr-17										
14-Apr-17										
15-Apr-17										
16-Apr-17										
17-Apr-17										
18-Apr-17										
19-Apr-17										
20-Apr-17										
21-Apr-17										
22-Apr-17										
23-Apr-17										
24-Apr-17										
25-Apr-17										
26-Apr-17										
27-Apr-17										
28-Apr-17										
29-Apr-17										
30-Apr-17										
01-May-17										
01-Apr-17										
MAXIMUM OF THE MONTH	1886.47	1842.82	1739.48	1741.69	38.60	32.58	8216.00	7898.00	49.99	430.17
MIN OF THE MONTH	1596.57	1714.23	1518.00	1681.46	2.92	2.10	7196.00	7718.00	49.97	34.22
AVERAGE	1742.31	1785.41	1644.40	1707.28	16.16	12.17	7746.36	7808.09	49.98	168.43
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)			1739.48					01-Apr-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)			8216				(06.45-07.00 Hrs.)	03-Apr-17		
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)			2138.32				20-Sep-16			
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)			10322				(07.00-07.15Hrs.)	ON 16-02-17		
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)			430.17				05-Apr-17			
MAX.WIND DURING THE YEAR 2016-17 (L.U.)			413.67				06-Jul-16			

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
		11-Apr-17		
1	KTPS (1240/1240)	88.00	88.00	82.60
2	STPS (1500/1500)	51.00	55.00	37.90
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	49.00	45.76
5	RAPP-A(200/200)	38.00	38.00	42.47
6	MAHI (140/140)	0.00	0.00	4.95
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	163.00	218.08
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	263.34
11	WIND FARM (3980.40/4119.15)	80.00	45.00	44.08
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.37
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	-64.01	-66.95	-66.95
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.64
17	BARSINGHSAR LTPS(250/250)	53.00	43.00	48.31
18	RAJWEST (1080/1080)	198.00	198.00	172.62
	TOTAL (A) : 1-18	988.99	901.05	900.17
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	12.28	12.37	12.37
b)	DEHAR (198/ 990)	15.17	14.81	15.59
c)	PONG (231.66/396)	3.11	2.86	3.35
	TOTAL : a TO c	30.56	30.04	31.31
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	75.30	79.28	77.15
e)	RIHAND (310.24/3000)	91.12	91.13	89.97
f)	UNCHAHAHAR-I(20/420)	3.23	2.91	3.88
g)	UNCHAHAHAR-II& III(61/630)	7.23	4.67	13.91
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.81	0.07	0.25
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.36	5.77	8.26
j)	DADRI GAS (77/830)	3.95	4.44	3.58
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	3.78	3.77	3.56
m)	NAPP (44/440)	11.58	11.58	11.58
n)	RAPP-B (125/440)	31.52	31.52	31.52
o)	RAPP-C (88/440)	11.78	11.78	11.78
p)	SALAL (20.36/690)	2.94	2.94	2.89
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.27	0.30	0.25
s)	CHAMERA –I (105.84/540)	14.11	11.76	11.76
t)	CHAMERA-II (29.01/300)	5.74	5.31	6.35
u)	CHAMERA-III (25.21/231)	4.95	4.04	4.59
v)	DHAULIGANGA (27/280)	1.65	1.65	1.65
w)	DULHASTI (42.42/390)	9.75	8.45	8.45
x)	SEWA (13/120)	3.92	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	15.40	13.62	12.20
z)	TEHRI (75/1000)	4.72	4.72	4.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.68	4.68	8.42
ab)	TALA	0.79	0.79	0.79
ac)	MUNDRA UMPP (380/4000)	72.48	72.48	72.48
ad)	SASAN (372/3960)	89.34	89.34	87.01
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.51	21.92	17.66
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	555.38	540.78	547.79
	LOSSES	-25.03	-25.10	-25.34
	NET SCHEDULED	530.36	515.68	522.45
21	BILATERAL (REG.) EXCL. BANKING	7.34	6.33	6.52
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	111.88	104.53	111.88
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	64.01	66.95	66.95
25	INDIAN ENERGY EXCHANGE	-5.47	-5.32	-5.32
	TOTAL(B): (19 TO 25)	708.12	695.52	702.48
	TOTAL GENERATION (A +B) : 1 TO 25			1602.65
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.38
	GRAND TOTAL	1697.11	1596.57	1622.03
	LAST YEAR	1714.23	1762.18	1697.15

3. SYSTEM PARAMETERS AS ON 11-Apr-17

MAXIMUM DRAWL ON 11-Apr-17	7623 MW at 19.30-19.45 Hrs 49.92 Hz
MINIMUM DRAWL ON 11-Apr-17	5954 MW at 18.00-18.15 Hrs 49.96 Hz
Max U/D of the day	239 MW at 16.00-16.15 Hrs 50.04 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	71
NO. OF BLOCKS/OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS/UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	21
NO. OF BLOCKS/OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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 11-Apr-17	49.97 Hz
Max O/D of the day	360 MW at 23.30-23.45 Hrs 49.91 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	8.07
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.64
ABOVE 50.05 HZ	12.29
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	62
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	12-Apr-17	12-Apr-16		
Gandhi Sagar (FL)	1312	1250	1296.42	1289.14	658	176
R.P.Sagar (FL)	1157.5	1128	1138.22	1139.12	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.50	973.90	NIL	NIL
Kota Barrage(FL)	854.5	852.3	852.60	851.60		
RMC					25	
LMC					NIL	
Bhakra(FL)	1690	1462	1565.95	1572.69	8031	11098
Dehar (FL)	2941	2900	2922.30	2919.81	4211	4849
Pong(FL)	1421	1260	1304.24	1298.75	1503	2078
Mahi-I (Mts.)	281.5	259	270.30	297.30	2190	NIL
Mahi-II (Mts.)	220.5	217	218.45	218.60	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
12-Apr-17	KTPS	585894	29 Days
	STPS	403653	16 Days
	CHHABRA	239627	31.5 Days
	KALISINDH	206292	14.5 Days

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

(A) PLANNED OUTAGE

STATE SECTOR	NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REWIVAL		REASON OF OUTAGE
							DATE	TIME	DATE	TIME	
GIRAL		1	125.00	70	16.80	70	11-Jun-14	8.20			RED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSGF1		55.00	50	12.00	50	03-Oct-15	23.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT21		110.00	100	24.00	100	08-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 6.00 HRS. ON DT. 08.05.16)
DCCPP	HRSGF2		55.00	50	12.00	50	13-Jun-16	16.55			BOXED UP
DCCPP	GT22		110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	5*		250.00	229	55.00	229	11-Nov-16	12.32			BOXED UP
STPS	6*		250.00	229	55.00	229	19-Nov-16	8.31			BOXED UP
STPS	4*		250.00	229	55.00	229	28-Dec-16	1.17			BOXED UP
STPS	3*		250.00	229	55.00	229	28-Dec-16	5.23			BOXED UP
STPS	2*		250.00	229	55.00	229	04-Mar-17	20.02			BOXED UP
KTPS	5*		210.00	192	46.00	192	08-Mar-17	12.24			BOXED UP
KTPS	1*		110.00	100	23.00	100	10-Mar-17	14.42			BOXED UP
KTPS	3*		210.00	192	46.00	192	10-Mar-17	16.04			BOXED UP
KTPS	2		110.00	100	23.00	100	09-Mar-17	13.06			DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE (PERMISSION NOT GRANTED BY RUPPC)
KTPS	6		195.00	175	42.00	175	01-Apr-17	12.52			BOXED UP
KALISINDH	1		600.00	565	135.00	565	27-Mar-17	21.19			DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUVNL FROM 11.13 HRS. 02.04.17)
RANIGUMHI	GT22		37.50	29	7.00	29	11-Apr-17	15.20			LESS GAS AVAILABILITY
Total STATE SECTOR PLANNED OUTAGE			3177.50	2868.00	686.40	2868.00					

CENTRAL SECTOR

AURAYA	GT26		109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAYA	GT24		111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAYA	GT22		111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT21		88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
STPP-BHAJAR	3*		800.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
DABRI	GT25		154.51	16	0.00	0	21-Feb-17	0.37	05-Apr-17	23.30	LESS GAS AVAILABILITY
DABRI	GT22		130.19	22	5.30	22	21-Feb-17	0.40			LESS GAS AVAILABILITY
ANTA	GT22		88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT23		88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT24		153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	GT25		109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	GT21		111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
SINGRAULI	1		200.00	34	8.20	34	30-Mar-17	0.38	07-May-17		ANNUAL MAINTENANCE
BHAND	4		800.00	59	14.20	59	02-Apr-17	22.51	30-Apr-17		ANNUAL MAINTENANCE
Total CENTRAL SECTOR PLANNED OUTAGE			2456.20	341.00	78.60	325.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR											
GIRAL	2		125.00	70	16.80	70	27-Jun-16	15.27	15-Apr-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
BAPWEST	6		135.00	120	28.00	120	01-Mar-17	2.33	13-Apr-17		RED MATERIAL LEAKAGE
ADANI	1		660.00	600	144.00	144	03-Apr-17	8.06	13-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
CHHABRA	1		250.00	225	0.00	0	10-Apr-17	9.18	13-Apr-17	22.24	DESYNCHRONIZED DUE TO ECONOMIZER TUBE LEAKAGE
RANIGUMHI	STG1		37.50	10	0.00	0	11-Apr-17	13.30	11-Apr-17	15.04	HP/IP PROBLEM
STPS	1		250.00	229	3.67	0	11-Apr-17	18.45	12-Apr-17	1.36	AUXILIARY TRANSFORMER BUSH TRIPPED
TOTAL STATE FORCE OUTAGE			1487.50	1253.50	193.15	333.50					

CENTRAL SECTOR

BAPP-C	2		220.00	44	10.50	44	20-Mar-17	17.09			GENERATOR STATOR EARTH FAULT PROBLEM
STPP-BHAJAR	1		800.00	5	0.00	0	10-Apr-17	7.12	11-Apr-17	1.36	BOILER TUBE LEAKAGE
DABRI	GT25		154.51	16	3.90	16	11-Apr-17	13.34			FIRE PROTECTION OPERATED
SINGRAULI	7		800.00	85	0.00	0	11-Apr-17	12.37	11-Apr-17	14.28	INADEQUATE WATER FLOW PROTECTION DURING DG TEST
Total CENTRAL SECTOR FORCED OUTAGE			1374.51	150.00	14.40	60.00					
G.TOTAL					207.55	393.50					