



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

Power Position 10-Apr-17	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. -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								
11-Apr-17										
12-Apr-17										
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	1652.80	1751.90	1518.00	1681.46	2.92	4.93	7196.00	7722.00	49.97	51.93
AVERAGE	1761.40	1794.86	1654.41	1708.89	14.85	13.35	7771.56	7809.22	49.98	197.16
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)			8166					(22.45-23.00 Hrs.)	01-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	88.00	88.00	75.11	88.00	88.00	76.08	88.00	88.00	81.78
2	STPS (1500/1500)	55.00	55.00	45.66	55.00	55.00	46.11	55.00	55.00	46.11
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	18.00	31.00	25.22	51.00	18.00	38.43	48.00	51.00	49.79
5	RAPP-A(200/200)	38.00	38.00	42.73	38.00	38.00	43.10	38.00	38.00	42.31
6	MAHI (140/140)	0.00	0.00	5.04	0.00	0.00	5.04	0.00	0.00	4.89
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	268.65	218.00	218.00	305.49	218.00	218.00	295.73
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	246.04	275.00	284.00	197.13	284.00	275.00	204.73
11	WIND FARM (3980.40/4119.15)	100.00	120.00	93.98	150.00	100.00	51.93	40.00	150.00	124.06
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.88	0.00	0.00	4.29	0.00	0.00	4.20
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-78.25	-78.37	-78.29	-72.29	-78.25	-78.25	-70.99	-72.29	-72.29
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.41	7.00	6.00	6.88	5.00	7.00	5.02
17	BARSINGHAR LTPS(250/250)	26.00	26.00	23.42	26.00	26.00	25.17	53.00	26.00	27.80
18	RAJWEST (1080/1080)	198.00	198.00	166.28	195.00	198.00	157.05	196.00	195.00	111.73
	TOTAL (A) : 1-18	952.75	985.63	924.13	1030.71	952.75	878.45	954.01	1030.71	925.85
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	12.88	12.93	12.95	12.52	12.88	12.46	12.39	12.52	12.52
b)	DEHAR (198/ 990)	24.20	22.96	25.88	17.42	24.20	17.48	13.22	17.42	14.00
c)	PONG (231.66/396)	3.35	3.43	3.35	3.35	3.35	3.35	3.43	3.35	3.35
	TOTAL : a TO c	40.43	39.32	42.18	33.29	40.43	33.29	29.04	33.29	29.87
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	79.28	79.08	79.03	65.46	79.28	79.14	79.28	65.46	62.16
e)	RIHAND (310.24/3000)	81.55	89.62	84.91	62.08	81.55	83.54	90.51	62.08	60.03
f)	UNCHAHAAR-I(20/420)	3.24	3.17	2.86	3.06	3.24	2.75	1.38	3.06	2.42
g)	UNCHAHAAR-II& III(61/630)	14.53	6.83	11.93	10.28	14.53	13.36	9.30	10.28	9.32
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.47	0.00	0.50	0.25	0.47	0.47	0.04	0.25	0.13
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	3.68	2.24	4.83	6.68	3.68	5.97	12.96	6.68	3.74
j)	DADRI GAS (77/830)	4.35	4.64	4.37	3.93	4.35	3.88	4.23	3.93	2.88
k)	ANTA (83.07/419)	14.71	14.43	14.69	11.95	14.71	14.71	1.10	11.95	4.09
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	5.73	5.73	5.73	5.50	5.73	5.73	11.33	5.50	5.68
n)	RAPP-B (125/440)	31.18	31.18	31.18	31.52	31.18	31.18	31.52	31.52	31.52
o)	RAPP-C (88/440)	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78
p)	SALAL (20.36/690)	3.44	0.76	2.44	2.82	3.44	3.47	2.90	2.82	2.96
q)	URI (70.37/720)	17.91	12.47	11.01	17.70	17.91	17.68	17.91	17.70	17.70
r)	TANAKPUR (10.86/94)	0.50	0.23	0.53	0.34	0.50	0.54	0.27	0.34	0.34
s)	CHAMERA –I (105.84/540)	25.40	23.52	25.45	25.40	25.40	25.40	19.60	25.40	25.40
t)	CHAMERA-II (29.01/300)	4.73	4.82	7.97	5.19	4.73	6.17	4.70	5.19	4.61
u)	CHAMERA-III (25.21/231)	4.84	4.84	4.84	3.26	4.84	4.69	3.06	3.26	3.33
v)	DHAULIGANGA (27/280)	1.73	1.65	2.22	1.81	1.73	1.52	1.65	1.81	1.61
w)	DULHASTI (42.42/390)	10.40	12.09	11.05	7.80	10.40	7.80	8.45	7.80	7.80
x)	SEWA (13/120)	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.53	14.48	13.51	10.81	12.53	11.13	10.81	10.81	11.39
z)	TEHRI (75/1000)	4.72	4.72	4.72	4.72	4.72	4.72	4.72	4.72	4.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.86	4.10	10.52	4.68	5.86	8.55	4.68	4.68	7.97
ab)	TALA	0.71	1.06	1.06	0.99	0.71	0.71	0.74	0.99	0.99
ac)	MUNDRA UMPP (380/4000)	72.48	72.48	72.48	61.91	72.48	72.48	72.48	61.91	58.89
ad)	SASAN (372/3960)	83.75	83.27	78.80	71.66	83.75	78.64	84.15	71.66	36.76
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.39	22.42	16.42	21.39	21.39	7.07	21.43	21.39	0.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	565.17	554.79	560.86	490.12	565.17	540.25	543.89	490.12	411.92
	LOSSES	-26.38	-25.97	-29.49	-22.28	-26.38	-28.60	-21.74	-22.28	-21.69
	NET SCHEDULED	538.79	528.82	531.38	467.83	538.79	511.65	522.15	467.83	390.23
21	BILATERAL (REG.) EXCL. BANKING	5.43	8.10	8.10	5.44	5.43	5.43	5.96	5.44	5.44
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	111.77	105.49	111.77	103.02	105.01	111.77	112.26	96.13	101.91
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	78.25	78.37	78.29	72.29	78.25	78.25	70.99	72.29	72.29
25	INDIAN ENERGY EXCHANGE	0.00	-0.86	-0.86	-0.01	0.00	0.00	-12.56	-0.01	-0.01
	TOTAL(B): (19 TO 25)	734.25	726.20	728.67	648.58	734.25	707.10	698.79	648.58	569.87
	TOTAL GENERATION (A +B) : 1 TO 25			1652.81			1585.55			1495.72
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.41			8.54			22.27
	GRAND TOTAL	1687.00	1711.83	1672.22	1679.29	1687.00	1594.09	1652.80	1679.29	1517.99
	LAST YEAR	1751.90	1792.45	1681.46	1805.47	1751.90	1711.18	1792.70	1805.47	1710.37

3. SYSTEM PARAMETERS AS ON 09-Apr-17

MAXIMUM DRAWL ON 09-Apr-17	7196 MW at 07.15-07.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 09-Apr-17	5322 MW at 18.00-18.15 Hrs 50.10Hz
Max U/D of the day	443 MW at 01.00-01.15 Hrs 50.01 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 9-Apr-17	49.99 Hz
Max O/D of the day	459 MW at 18.00-18.15 Hrs 50.1 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	5.06
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.63
ABOVE 50.05 HZ	22.31
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
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.	10-Apr-17	10-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.50	1289.18	N/A	331
R.P.Sagar (Ft.)	1157.5	1128	1138.26	1139.29	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.30	973.80	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.80	852.00		
RMC					25	
LMC					NIL	
Bhakra(Ft.)	1690	1462	N/A	1573.50	N/A	N/A
Dehar (Ft.)	2941	2900	N/A	2917.19	N/A	N/A
Pong(Ft.)	1421	1260	N/A	1298.59	N/A	N/A
Mahi-I (Mts.)	281.5	259	270.45	267.45	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.20	218.75	2140	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
10-Apr-17	KTPS	552365	27.5 DAYS
	STPS	389462	15.5 DAYS
	CHHABRA	249355	33 DAYS
	KALISINDH	219203	15.5 DAYS

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

10-Apr-17

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			OUTAGE		EXPECT/REVIEW		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	HRS#01	55.00	50	12.80	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNLI)
DCCPP	GT01	110.00	100	24.00	100	08-May-16	11.05			M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS#02*	55.00	50	12.80	50	13-Jul-16	16.35			BOXED UP
DCCPP	GT02*	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	0.31			BOXED UP
STPS	4*	250.00	229	55.00	229	29-Dec-16	1.17			BOXED UP
STPS	3*	250.00	229	55.00	229	29-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 RDPPC)
KTPS	6	195.00	175	42.00	175	01-Apr-17	12.32			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 RVNLI FROM 11.13 HRS. 02.04.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		3140.00	2839.00	679.40	2839.00					
CENTRAL SECTOR										
AURAIYA	GT06	109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
STPP-JHAJJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
AURAIYA	GT03	111.19	18	4.40	18	09-Jun-16	8.05			LESS GAS AVAILABILITY
DADRI	GT05	154.51	16	3.90	16	21-Feb-17	0.37			LESS GAS AVAILABILITY
DADRI	GT02	130.19	22	5.30	22	21-Feb-17	0.40			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT05	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAIYA	GT01	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
RIBAND	4	300.00	39	14.20	39	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
Total(A-C)CENTRAL SECTOR- PLANNED OUTAGE		2567.39	359.00	86.90	359.00					
(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 COOLAR-I
RAJWEST	6	135.00	120	28.68	120	01-Mar-17	2.33	10-Apr-17		BED MATERIAL LEAKAGE
BARSINGGAR	1	125.00	110	0.00	0	02-Apr-17	13.00	09-Apr-17	16.55	REFRACTORY BREAKAGES IN THE BOILER AREA & PUNCTURES IN TAPH
ADANI	1	660.00	600	144.00	144	03-Apr-17	8.06	10-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
KALISINDH	2	600.00	565	0.00	0	08-Apr-17	14.06	09-Apr-17	1.25	DESYNCHRONIZED DUE TO AFBM MOTOR STOPPED
RAJWEST	1	135.00	120	0.00	0	08-Apr-17	19.31	09-Apr-17	0.02	DRUM LEVEL LOW
RAJWEST	5	135.00	120	3.00	120	09-Apr-17	16.46	10-Apr-17	0.09	PA FAN PRESSURE LOW
TOTAL STATE FORCE OUTAGE		1915.00	1704.50	192.48	453.50					
CENTRAL SECTOR										
RAPP-C	2	220.00	44	10.50	44	20-Mar-17	17.09			GENERATOR STATOR EARTH FAULT PROBLEM
Total(B) CENTRAL SECTOR- FORCED OUTAGE		220.00	44.00	10.50	44.00					
G.TOTAL				202.98	497.50					

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 (\$).