



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

Power Position 03-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		
Mar-17	1886.47	1807.79	1739.48	1691.13	21.47	11.65	8166	7722	49.99	111.46
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								
04-Apr-17										
05-Apr-17										
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27-Apr-17										
28-Apr-17										
29-Apr-17										
30-Apr-17										
01-May-17										
01-Apr-17										
MAXIMUM OF THE MONTH	1886.47	1815.76	1739.48	1730.58	21.47	32.58	8166.00	7898.00	49.99	118.03
MIN OF THE MONTH	1809.01	1758.42	1697.94	1691.13	8.57	11.65	7764.00	7722.00	49.98	111.46
AVERAGE	1843.99	1793.99	1718.71	1710.86	15.02	22.12	7965.00	7810.00	49.99	114.75
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	

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
		31-Mar-17			1-Apr-17			2-Apr-17		
1	KTPS (1240/1240)	130.00	130.00	111.23	88.00	130.00	94.31	88.00	88.00	75.21
2	STPS (1500/1500)	44.00	55.00	44.54	55.00	44.00	35.58	55.00	55.00	44.45
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)	46.00	44.00	44.88	46.00	46.00	44.56	39.00	46.00	44.23
5	RAPP-A(200/200)	38.00	38.00	42.77	38.00	38.00	42.47	38.00	38.00	42.74
6	MAHI (140/140)	0.00	0.00	6.29	0.00	0.00	6.72	0.00	0.00	6.45
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	2.12	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	162.00	174.20	218.00	218.00	231.98	218.00	218.00	249.81
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	424.00	368.89	424.00	424.00	359.82	424.00	424.00	370.01
11	WIND FARM (3980.40/4119.15)	130.00	160.00	196.12	120.00	130.00	111.46	250.00	120.00	118.03
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	5.14	0.00	0.00	0.00
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	-59.40	-51.53	-51.53	-65.00	-59.40	-59.40	-62.32	-65.00	-65.00
16	BIOMASS – (101.95/119.25)	8.00	6.00	7.69	4.00	8.00	4.47	5.00	4.00	4.57
17	BARSINGHSAR LTPS(250/250)	45.00	50.00	49.74	51.00	45.00	45.96	24.00	51.00	38.26
18	RAJWEST (1080/1080)	198.00	198.00	148.79	198.00	198.00	144.13	198.00	198.00	129.15
	TOTAL (A) : 1-18	1221.60	1215.47	1145.73	1177.00	1221.60	1067.20	1276.68	1177.00	1057.91
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	14.92	15.13	14.87	14.28	14.92	14.57	14.78	14.28	14.04
b)	DEHAR (198/ 990)	16.20	15.52	15.95	15.16	16.20	15.14	14.48	15.16	15.04
c)	PONG (231.66/396)	1.89	1.89	1.89	1.91	1.89	1.89	4.29	1.91	3.90
	TOTAL : a TO c	33.01	32.54	32.70	31.35	33.01	31.60	33.55	31.35	32.98
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	79.24	78.28	78.00	78.60	79.24	79.24	78.74	78.60	78.60
e)	RIHAND (310.24/3000)	81.42	104.32	98.19	86.97	81.42	78.34	76.61	86.97	86.26
f)	UNCHAHAR-I(20/420)	2.29	0.00	1.09	3.74	2.29	2.20	2.54	3.74	3.28
g)	UNCHAHAR-II& III(61/630)	6.86	2.99	4.21	10.99	6.86	6.43	11.07	10.99	11.52
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.46	0.00	0.01	0.21	0.46	0.12	0.55	0.21	0.25
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.30	0.13	0.59	1.51	0.30	0.23	1.44	1.51	1.35
j)	DADRI GAS (77/830)	7.98	7.59	4.23	8.65	7.98	6.28	6.85	8.65	6.67
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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)	11.33	11.33	11.33	11.33	11.33	11.33	11.30	11.33	11.33
n)	RAPP-B (125/440)	31.35	31.18	31.18	31.26	31.35	31.35	31.44	31.26	31.26
o)	RAPP-C (88/440)	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11
p)	SALAL (20.36/690)	2.77	3.39	2.87	2.69	2.77	2.87	2.69	2.69	2.70
q)	URI (70.37/720)	16.68	16.44	16.44	16.71	16.68	16.68	16.71	16.71	16.71
r)	TANAKPUR (10.86/94)	0.27	0.21	0.21	0.33	0.27	0.33	0.42	0.33	0.24
s)	CHAMERA –I (105.84/540)	13.72	9.80	12.74	17.64	13.72	16.66	13.72	17.64	14.70
t)	CHAMERA-II (29.01/300)	3.75	3.93	4.88	4.45	3.75	4.57	3.54	4.45	4.06
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	2.14	2.14	2.26	2.14	2.14	2.18	2.18	2.14	1.98
w)	DULHASTI (42.42/390)	5.20	6.49	6.88	7.15	5.20	5.20	6.10	7.15	7.15
x)	SEWA (13/120)	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.73	10.23	12.93	14.50	12.73	13.15	11.27	14.50	12.62
z)	TEHRI (75/1000)	4.89	6.05	6.05	4.89	4.89	4.89	4.45	4.89	4.89
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.51	5.85	10.05	3.51	3.51	7.05	4.68	3.51	8.14
ab)	TALA	0.78	0.65	0.65	0.78	0.78	0.78	1.76	0.78	0.78
ac)	MUNDRU UMPP (380/4000)	90.48	90.48	90.48	84.00	90.48	90.48	84.72	84.00	84.00
ad)	SASAN (372/3960)	75.63	80.55	77.85	87.48	75.63	75.63	58.82	87.48	82.00
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.39	21.39	8.42	20.93	21.39	6.36	18.37	20.93	5.51
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 SCHEDULE (a TO af)	523.13	540.93	529.22	546.79	523.13	508.93	498.48	546.79	523.94
	LOSSES	-23.86	-20.83	-24.07	-24.49	-23.86	-23.02	-23.05	-24.49	-23.80
	NET SCHEDULED	499.28	520.10	505.15	522.30	499.28	485.91	475.43	522.30	500.14
21	BILATERAL (REG.) EXCL. BANKING	5.57	5.03	5.75	5.90	5.57	6.08	5.28	5.90	5.90
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)	114.14	52.49	66.01	113.28	106.42	112.95	83.37	106.40	107.40
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	59.40	51.53	51.53	65.00	59.40	59.40	62.32	65.00	65.00
25	INDIAN ENERGY EXCHANGE	-13.52	-2.51	-2.51	-46.99	-13.52	-13.52	-94.07	-46.99	-46.99
	TOTAL(B): (19 TO 25)	664.87	641.54	625.92	659.49	664.87	650.81	532.33	659.49	631.46
	TOTAL GENERATION (A + B) : 1 TO 25			1771.65			1718.01			1689.37
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.24			21.47			8.57
	GRAND TOTAL	1886.47	1857.01	1785.89	1836.49	1886.47	1739.48	1809.01	1836.49	1697.94
	LAST YEAR	1807.79	1721.58	1680.39	1758.42	1807.79	1691.13	1815.76	1758.42	1730.58

3. SYSTEM PARAMETERS AS ON 02-Apr-17

MAXIMUM DRAWL ON 02-Apr-17	7764 MW at 06.15-06.30 Hrs 50.04 Hz	4. WATER LEVEL OF MAJOR RESERVOIR						
MINIMUM DRAWL ON 02-Apr-17	5892 MW at 18.00-18.15 Hrs 50.02 Hz	Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
Max. U/D of the day	324 MW at 22.45-23.00 Hrs 49.96 HZ		Max.	Min.	3-Apr-17	3-Apr-16	2-Apr-17	2-Apr-17
Max. O/D below 49.7 Hz	MW at	Gandhi Sagar (Ft.)	1312	1250	1296.64	1289.36	3785	331
No. of Blocks Freq. < 49.7 Hz	0	R.P.Sagar (Ft.)	1157.5	1128	1138.49	1139.35	NIL	NIL
No. of Violation Blocks Freq. < 49.7 Hz	0	Jawahar Sagar (Ft.)	980	970.4	976.20	973.50	NIL	NIL
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1	Kota Barrage(Ft.)	854.5	852.3	853.70	853.40		
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	56	RMC					1175	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4	LMC					1300	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1	Bhakra(Ft.)	1690	1462	1523.93	1574.70	9259	10865
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32	Dehar (Ft.)	2941	2900	2918.73	2922.50	3872	3607
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3	Pong(Ft.)	1421	1260	1301.62	1298.61	1905	2049
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1	Mahi-I (Mts.)	281.5	259	271.30	267.80	2295	NIL
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	6	Mahi-II (Mts.)	220.5	217	217.70	218.55	300	NIL
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	5. POSITION OF COAL STOCK (In MT)						

AVERAGE FREQ. FOR THE DAY 2-Apr-17	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	320 MW at 01.00-01.15 Hrs 50.04 Hz	3-Apr-17	KTPS	459063	22.5 Days
Frequency Profile	% of Time				
LESS THAN 48.7 HZ	0.00				
LESS THAN 49.90 HZ	6.02				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.55				
ABOVE 50.05 HZ	15.43				
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0	3-Apr-17	STPS	400581	16 Days
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0				
No. of 132 KV Feeders Disconnected	0				
		3-Apr-17	CHHABRA	257784	34 Days

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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		OUTAGE		EXPECTED REVIVAL		REASON OF OUTAGE
					DATE	TIME	DATE	TIME	
STATE SECTOR									
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20		RED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSGH	55.00	50	12.00	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUSNL)
DCCPP	GT#1	110.00	100	24.00	100	08-Mar-16	11.05		MET AFTER CARRYING OUT FMS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08/03/16)
DCCPP	HRSG#2	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP
DCCPP	GT#2*	110.00	100	24.00	100	12-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 ROPPC)
BANGARI	GT#1	35.50	29	7.00	29	20-Mar-17	16.36		DESYNCHRONIZED DUE TO LESS AVAILABILITY OF GAS (PERMISSION NOT GRANTED BY RUSNL)
KALISINDH	4	195.00	175	42.00	175	01-Apr-17	12.32		BOXED UP
KALISINDH	1	400.00	565	135.00	565	17-Mar-17	21.19	02-Apr-17	DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUSNL FROM 11.13 HRS-02.04.17)
TOTAL STATE SECTOR- PLANNED OUTAGE		3175.50	2868.00	686.40	2868.00				

CENTRAL SECTOR										
STATION	UNIT	INSTALLED CAPACITY	NET ALLOC.	AVAIL.	DATE	TIME	EXPECTED REVIVAL DATE	EXPECTED REVIVAL TIME	REASON OF OUTAGE	
AURAYA	GT#6	109.50	12	2.00	12	20-Jun-16	5.27		LESS GAS AVAILABILITY	
AURAYA	GT#4	111.19	18	4.40	18	20-Jun-16	5.53		LESS GAS AVAILABILITY	
AURAYA	GT#2	111.19	18	4.40	18	09-Sep-16	4.25		LESS GAS AVAILABILITY	
ANTA	GT#1	88.71	31	7.50	31	18-Nov-16	14.28		LESS GAS AVAILABILITY	
ISTPP-BHAJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21		LESS DEMAND	
DADRI TH-II	2*	490.00	15	3.59	15	27-Jan-17	0.30		LESS DEMAND	
DADRI	GT#1	130.19	22	0.00	0	21-Jun-17	14.52	26-Mar-17	22.12	LESS GAS AVAILABILITY
AURAYA	GT#3	111.19	18	4.40	18	09-Jun-16	8.05		LESS GAS AVAILABILITY	
DADRI	GT#5	154.51	16	3.90	16	21-Feb-17	0.37		LESS GAS AVAILABILITY	
DADRI	GT#2	130.19	22	5.30	22	21-Feb-17	0.40		LESS GAS AVAILABILITY	
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.03		LESS GAS AVAILABILITY	
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17	17.33		LESS GAS AVAILABILITY	
ANTA	GT#4	152.20	24	0.20	24	15-Mar-17	17.44		LESS GAS AVAILABILITY	
AURAYA	GT#5	109.50	12	2.90	12	19-Mar-17	17.44		LESS GAS AVAILABILITY	
AURAYA	GT#1	111.19	18	4.40	18	19-Mar-17	17.53		LESS GAS AVAILABILITY	
SINGRAULI	1	200.00	34	0.20	34	20-Mar-17	0.38	05-May-17	ANNUAL MAINTENANCE	
TOTAL CENTRAL SECTOR- PLANNED OUTAGE		2487.58	337.00	76.29	315.00					

7B. FORCE OUTAGE

STATE SECTOR										
STATION	UNIT	INSTALLED CAPACITY	NET ALLOC.	AVAIL.	DATE	TIME	EXPECTED REVIVAL DATE	EXPECTED REVIVAL TIME	REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	15-Apr-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLING	
RAJEST	4	135.00	120	28.00	120	01-Mar-17	2.33	04-Apr-17	RED MATERIAL LEAKAGE	
BARSINGAR	1	125.00	110	26.40	110	02-Apr-17	13.00	08-Apr-17	REFRACTORY BREAKAGES IN THE BOILER AREA & PUNCTURES IN TAPH	
BANGARI	STG#2	50.00	40	7.00	40	03-Apr-17	5.02		FORCED SHUT DOWN DC SUPPLY FAIL	
TOTAL STATE FORCE OUTAGE		435.00	339.50	78.80	309.10					
CENTRAL SECTOR										
RAPP-C	2	220.00	44	10.50	44	20-Mar-17	06.50		TURBINE TRIP	
BHANDHI	2	500.00	50	0.00	50	31-Mar-17	20.36	02-Apr-17	19.00	BOILER TUBE LEAKAGE
TOTAL CENTRAL SECTOR- FORCE TO OUTAGE		720.00	102.00	10.50	102.00					
G.TOTAL				89.38	411.10					