



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

Power Position 13-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	1701.26	1734.47	6.47	19.67	8004	7783	49.96	73.94
13-Apr-17	1730.20	1777.87								
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	49.96	34.22
AVERAGE	1741.37	1784.83	1649.14	1709.55	15.35	12.80	7767.83	7806.00	49.98	160.56
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
		12-Apr-17		
1	KTPS (1240/1240)	130.00	88.00	81.68
2	STPS (1500/1500)	55.00	51.00	40.17
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	45.59
5	RAPP-A(200/200)	38.00	38.00	42.74
6	MAHI (140/140)	0.00	0.00	7.22
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	289.09
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	249.41
11	WIND FARM (3980.40/4119.15)	65.00	80.00	73.94
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.20
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	-75.34	-64.01	-64.01
16	BIOMASS – (101.95/119.25)	6.00	5.00	5.65
17	BARSINGHSAR LTPS(250/250)	54.00	53.00	53.97
18	RAJWEST (1080/1080)	198.00	198.00	164.49
	TOTAL (A) : 1-18	1010.66	988.99	993.14
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	12.33	12.28	12.28
b)	DEHAR (198/ 990)	15.63	15.17	17.94
c)	PONG (231.66/396)	3.27	3.11	3.35
	TOTAL : a TO c	31.22	30.56	33.57
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.28	75.30	78.20
e)	RIHAND (310.24/3000)	90.28	91.12	90.70
f)	UNCHAHAHAR-I(20/420)	3.86	3.23	2.89
g)	UNCHAHAHAR-II& III(61/630)	13.57	7.23	10.10
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.19	0.81	0.66
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	4.13	7.36	6.06
j)	DADRI GAS (77/830)	2.67	3.95	3.65
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	3.80	3.78	3.40
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)	3.13	2.94	3.10
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.26	0.27	0.21
s)	CHAMERA –I (105.84/540)	21.56	14.11	14.39
t)	CHAMERA-II (29.01/300)	6.65	5.74	7.14
u)	CHAMERA-III (25.21/231)	5.47	4.95	5.34
v)	DHAULIGANGA (27/280)	1.65	1.65	1.94
w)	DULHASTI (42.42/390)	11.05	9.75	10.91
x)	SEWA (13/120)	3.92	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	17.88	15.40	15.20
z)	TEHRI (75/1000)	4.72	4.72	4.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.27	4.68	8.05
ab)	TALA	0.79	0.79	0.79
ac)	MUNDRA UMPP (380/4000)	53.76	72.48	70.46
ad)	SASAN (372/3960)	89.34	89.34	87.64
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.73	28.51	12.96
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	553.98	555.38	548.78
	LOSSES	-24.63	-25.03	-25.32
	NET SCHEDULED	529.35	530.36	523.46
21	BILATERAL (REG.) EXCL. BANKING	7.62	7.34	8.31
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	112.26	104.58	111.34
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	75.34	64.01	64.01
25	INDIAN ENERGY EXCHANGE	-5.03	-5.47	-5.47
	TOTAL(B): (19 TO 25)	719.54	708.12	701.65
	TOTAL GENERATION (A +B) : 1 TO 25			1694.79
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.47
	GRAND TOTAL	1730.20	1697.11	1701.26
	LAST YEAR	1777.87	1714.23	1734.47

3. SYSTEM PARAMETERS AS ON 12-Apr-17

MAXIMUM DRAWL ON 12-Apr-17	8004 MW at 19.45-20.00 Hrs 49.97 Hz
MINIMUM DRAWL ON 12-Apr-17	6324 MW at 18.15-18.30 Hrs 49.96 Hz
Max U/D of the day	324 MW at 05.45-06.00 Hrs 49.98 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	10
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	67
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	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
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	4
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 12-Apr-17	49.96 Hz
Max O/D of the day	376 MW at 7.15-07.30 Hrs 50.05 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	13.43
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.26
ABOVE 50.05 HZ	15.31
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	23
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.	13-Apr-17	13-Apr-16		
Gandhi Sagar (FL)	1312	1250	1296.40	1289.12	NIL	331
R.P.Sagar (FL)	1157.5	1128	1138.21	1139.10	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.60	974.00	NIL	NIL
Kota Barrage(FL)	854.5	852.3	852.30	851.40		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1527.30	1572.26	8209	10765
Dehar (FL)	2941	2900	2923.88	2918.96	4756	5189
Pong(FL)	1421	1260	1302.31	1298.80	1503	2509
Mahi-I (Mts.)	281.5	259	270.25	267.20	2390	NIL
Mahi-II (Mts.)	220.5	217	217.55	218.60	495	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
13-Apr-17	KTPS	588173	29.5 days
	STPS	400742	16 days
	CHHABRA	235222	31.5 days
	KALISINDH	200005	14 days

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

13-Apr-17

(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										
GRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG#1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
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	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	0.00	0	01-Apr-17	12.32	12-Apr-17	20.04	BOXED UP
KALISINDH	1	600.00	565	135.60	565	27-Mar-17	21.19			DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUVNL FROM 11.13 HRS. 02.04.17)
RAMGARH	GT#2	37.50	29	7.00	29	11-Apr-17	15.20			LESS GAS AVAILABILITY
Total(A) STATE SECTOR- PLANNED OUTAGE		3177.50	2868.00	644.40	2693.00					

CENTRAL SECTOR

AURAYA	GT#6	109.30	12	2.90	12	20-Jun-16	5.37			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
STPP-JHAJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
DADRI	GT#2	130.19	22	0.00	0	21-Feb-17	0.40	12-Apr-17	13.36	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	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	GT#5	109.30	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	8.20	34	30-Mar-17	0.38	07-May-17		ANNUAL MAINTENANCE
RHAND	4	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2301.69	325.00	73.30	303.00					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME	DATE	TIME	REASON OF OUTAGE
GRAL	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	13-Apr-17		BED MATERIAL LEAKAGE
ADANI	1	600.00	600	144.00	144	03-Apr-17	8.06	14-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
STPS	1	250.00	229	0.00	0	11-Apr-17	18.45	12-Apr-17	1.36	AUXILIARY TRANSFORMER BUSH TRIPPED
TOTAL STATE FORCE OUTAGE		1170.00	1018.50	189.48	333.50					
CENTRAL SECTOR										
RAPP-C	2	220.00	44	10.50	44	20-Mar-17	17.09			GENERATOR STATOR EARTH FAULT PROBLEM
DADRI	GT#5	154.51	16	0.00	0	11-Apr-17	13.34	12-Apr-17	22.41	FIRE PROTECTION OPERATED
DADRI	GT#1	130.19	22	5.30	22	12-Apr-17	21.00			LESS GAS AVAILABILITY
DADRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- FORCED OUTAGE		634.89	104.00	21.10	88.00					
G.TOTAL			210.58	421.50						

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 (\$).