



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

<b>Power Position 07-Apr-17</b>	<b>Point No.</b>
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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	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	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								
08-Apr-17										
09-Apr-17										
10-Apr-17										
11-Apr-17										
12-Apr-17										
13-Apr-17										
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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	1711.83	1756.95	1627.90	1689.83	2.92	6.46	7611.00	7722.00	49.98	111.46
AVERAGE	1800.37	1799.78	1684.23	1712.84	13.91	13.09	7905.00	7820.67	49.99	250.75
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
		6-Apr-17		
1	KTPS (1240/1240)	88.00	88.00	74.41
2	STPS (1500/1500)	55.00	55.00	44.90
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	7.00	35.21
5	RAPP-A(200/200)	38.00	38.00	41.89
6	MAHI (140/140)	0.00	0.00	5.00
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	303.23
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	215.52
11	WIND FARM (3980.40/4119.15)	120.00	350.00	280.18
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-78.37	-69.42	-69.42
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.49
17	BARSINGHAR LTPS(250/250)	26.00	26.00	23.53
18	RAJWEST (1080/1080)	198.00	198.00	126.52
	<b>TOTAL (A) : 1-18</b>	<b>985.63</b>	<b>1200.58</b>	<b>1087.46</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	12.93	13.23	13.21
b)	DEHAR (198/ 990)	22.96	15.02	24.48
c)	PONG (231.66/396)	3.43	4.37	3.65
	<b>TOTAL : a TO c</b>	<b>39.32</b>	<b>32.62</b>	<b>41.34</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.08	66.05	45.81
e)	RIHAND (310.24/3000)	89.62	75.23	56.60
f)	UNCHAHAHAR-I(20/420)	3.17	4.48	3.86
g)	UNCHAHAHAR-II& III(61/630)	6.83	15.23	13.31
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.59	0.43
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	2.24	5.34	4.60
j)	DADRI GAS (77/830)	4.64	8.42	5.40
k)	ANTA (83.07/419)	14.43	1.75	5.96
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	5.73	5.59	5.59
n)	RAPP-B (125/440)	31.18	31.35	31.35
o)	RAPP-C (88/440)	11.78	11.78	11.78
p)	SALAL (20.36/690)	0.76	3.63	2.26
q)	URI (70.37/720)	12.47	11.17	10.23
r)	TANAKPUR (10.86/94)	0.23	0.18	0.25
s)	CHAMERA –I (105.84/540)	23.52	12.74	15.65
t)	CHAMERA-II (29.01/300)	4.82	3.72	6.96
u)	CHAMERA-III (25.21/231)	4.84	0.00	1.38
v)	DHAULIGANGA (27/280)	1.65	1.65	2.31
w)	DULHASTI (42.42/390)	12.09	8.45	9.56
x)	SEWA (13/120)	3.86	3.86	3.86
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	14.48	10.89	13.34
z)	TEHRI (75/1000)	4.72	4.72	4.77
aa)	KOTESHWR (33.44/400 ) + PARBATI3 (56.73/520)	4.10	3.51	8.57
ab)	TALA	1.06	1.76	1.76
ac)	MUNDRA UMPP (380/4000)	72.48	60.90	42.56
ad)	SASAN (372/3960)	83.27	65.14	30.71
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.42	21.39	13.01
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	554.79	472.14	393.20
	LOSSES	-25.97	-21.15	-20.48
	NET SCHEDULED	<b>528.82</b>	<b>450.99</b>	<b>372.72</b>
21	BILATERAL (REG.) EXCL. BANKING	8.10	6.60	7.46
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	111.77	103.74	89.80
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	78.37	69.42	69.42
25	INDIAN ENERGY EXCHANGE	-0.86	-3.00	-3.00
	<b>TOTAL(B): (19 TO 25)</b>	<b>726.20</b>	<b>635.78</b>	<b>536.40</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1623.86</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			4.04
	<b>GRAND TOTAL</b>	<b>1711.83</b>	<b>1836.36</b>	<b>1627.90</b>
	LAST YEAR	1792.45	1824.29	1689.82

3. SYSTEM PARAMETERS AS ON 06-Apr-17

MAXIMUM DRAWL ON 06-Apr-17	7966 MW at 22.45-23.00 Hrs 49.95 Hz
MINIMUM DRAWL ON 06-Apr-17	5338 MW at 13.45-14.00 Hrs 50.01 Hz
Max U/D of the day	631 MW at 13.00 Hrs 50.02 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
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	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	1
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.	7-Apr-17	7-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.55	1289.26	NA	331
R.P.Sagar (Ft.)	1157.5	1128	1138.47	1139.23	472	NIL
Jawahar Sagar (Ft.)	980	970.4	977.00	973.70	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	853.10	852.60		
RMC					25	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1526.41	1574.28	8422	2809
Dehar (Ft.)	2941	2900	2928.01	2920.07	6903	7952
Pong(Ft.)	1421	1260	1301.73	1298.30	1500	2566
Mahi-I (Mts.)	281.5	259	270.90	267.60	2082	NIL
Mahi-II (Mts.)	220.5	217	217.15	219.10	211	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
7-Apr-17	KTPS	499122	25 DAYS
	STPS	389554	15.5 DAYS
	CHHABRA	277491	37 DAYS
	KALISINDH	234149	16.5 DAYS

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

7-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										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRS01	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCPP	GT01	110.00	100	24.00	100	08-May-16	31.85			SHUT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS02*	55.00	50	12.00	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	18-Mar-17	14.42			BOXED UP
KTPS	3*	210.00	192	46.00	192	18-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)
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 RUVNL FROM 11.11 HRS. 02.04.17)
Total(A) STATE SECTOR- PLANNED OUTAGE			3140.00	2839.00	679.40	2839.00				
CENTRAL SECTOR										
AURAYA	GT06	109.30	12	2.90	12	20-Jun-16	5.37			LESS GAS AVAILABILITY
AURAYA	GT04	111.19	18	4.40	18	20-Jun-16	5.53			LESS GAS AVAILABILITY
AURAYA	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
ISTPP-HAJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21			LESS DEMAND
AURAYA	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
AURAYA	GT05	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	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
RIHAND	4	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			2672.39	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 COOLER-I
RAJWEST	6	135.00	120	28.80	120	01-Mar-17	2.33	08-Apr-17		BED MATERIAL LEAKAGE
BAIRSINGAR	1	125.00	110	26.00	110	02-Apr-17	13.00	08-Apr-17		REFRACTORY BREAKAGES IN THE BOILER AREA & PUNCTURES IN TAPH
RAMGARH	STG02	50.00	40	9.60	40	03-Apr-17	5.02	08-Apr-17		FORCED SHUT DOWN
ADANI	1	600.00	600	144.00	144	03-Apr-17	8.06	08-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAMGARH	GT02	110.00	100	0.00	0	03-Apr-17	12.59	06-Apr-17	0.28	PROBLEM IN COOLING AIR IN TAKE SYSTEM
RAMGARH	GT01	35.50	29	0.00	0	06-Apr-17	4.57	06-Apr-17	8.45	SPREAD TEMP HIGH
RAMGARH	STG01	35.50	10	0.00	0	06-Apr-17	4.57	06-Apr-17	15.46	SPREAD TEMP HIGH
RAMGARH	GT01	35.50	29	0.41	0	07-Apr-17	1.25	07-Apr-17	2.50	FLAME DETECTOR TROUBLE
RAMGARH	GT01	35.50	29	5.90	0	07-Apr-17	3.47	07-Apr-17		FLAME DETECTOR TROUBLE
TOTAL STATE FORCE OUTAGE			1347.00	1136.50	231.79	453.10				
CENTRAL SECTOR										
RAPP-C	2	230.00	44	10.50	44	20-Mar-17	20.50			TURBINE TRIP
Total(B) CENTRAL SECTOR- FORCED OUTAGE			220.00	44.00	10.50	44.00				
G.TOTAL			242.29	497.10						

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 (\$).