



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

<b>Power Position 05-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										
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								
06-Apr-17										
07-Apr-17										
08-Apr-17										
09-Apr-17										
10-Apr-17										
11-Apr-17										
12-Apr-17										
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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	326.11
MIN OF THE MONTH	1727.02	1756.95	1688.41	1691.13	2.92	6.46	7611.00	7722.00	49.98	111.46
AVERAGE	1810.88	1796.35	1707.73	1719.26	17.89	14.70	7939.25	7801.50	49.98	198.53
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.)					111.46				01-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
		3-Apr-17			4-Apr-17		
1	KTPS (1240/1240)	88.00	88.00	82.69	88.00	88.00	76.31
2	STPS (1500/1500)	55.00	55.00	48.87	55.00	55.00	44.96
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	6.00	39.00	24.42	10.00	6.00	14.30
5	RAPP-A(200/200)	38.00	38.00	42.48	38.00	38.00	41.94
6	MAHI (140/140)	0.00	0.00	5.64	0.00	0.00	4.92
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.06	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	268.39	218.00	218.00	255.44
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	424.00	286.84	284.00	284.00	233.86
11	WIND FARM (3980.40/4119.15)	250.00	250.00	238.53	350.00	250.00	326.11
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	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
15	OPEN ACCESS	-72.33	-62.32	-62.32	-72.60	-72.33	-72.34
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.59	6.00	5.00	5.69
17	BARSINGHSAR LTPS(250/250)	26.00	24.00	24.92	26.00	26.00	25.33
18	RAJWEST (1080/1080)	198.00	198.00	164.54	198.00	198.00	143.98
	<b>TOTAL (A) : 1-18</b>	<b>1095.67</b>	<b>1276.68</b>	<b>1130.65</b>	<b>1200.40</b>	<b>1095.67</b>	<b>1100.50</b>
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	14.36	14.78	13.85	12.99	14.36	13.10
b)	DEHAR (198/ 990)	14.40	14.48	14.17	12.70	14.40	13.26
c)	PONG (231.66/396)	4.21	4.29	4.29	4.21	4.21	4.29
	<b>TOTAL : a TO c</b>	<b>32.97</b>	<b>33.55</b>	<b>32.32</b>	<b>29.91</b>	<b>32.97</b>	<b>30.65</b>
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	79.24	78.74	78.74	68.20	79.24	75.97
e)	RIHAND (310.24/3000)	87.91	76.61	72.71	61.79	87.91	71.00
f)	UNCHAHAHAR-I(20/420)	0.00	2.54	3.99	3.45	0.00	1.11
g)	UNCHAHAHAR-II& III(61/630)	0.01	11.07	16.15	13.47	0.01	5.82
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.55	0.11	0.58	0.00	0.06
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.00	1.44	6.56	5.80	0.00	0.47
j)	DADRI GAS (77/830)	8.30	6.85	6.41	8.28	8.30	5.93
k)	ANTA (83.07/419)	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
m)	NAPP (44/440)	11.44	11.30	11.30	11.33	11.44	11.44
n)	RAPP-B (125/440)	31.44	31.44	31.44	31.35	31.44	31.44
o)	RAPP-C (88/440)	11.11	11.11	11.11	11.11	11.11	11.11
p)	SALAL (20.36/690)	2.69	2.69	2.64	2.69	2.69	2.66
q)	URI (70.37/720)	16.71	16.71	16.71	16.27	16.71	16.42
r)	TANAKPUR (10.86/94)	0.25	0.42	0.23	0.23	0.25	0.22
s)	CHAMERA –I (105.84/540)	11.76	13.72	11.85	9.80	11.76	10.78
t)	CHAMERA-II (29.01/300)	3.63	3.54	4.09	3.66	3.63	4.21
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	1.93	2.18	1.78	1.77	1.93	1.70
w)	DULHASTI (42.42/390)	5.20	6.10	4.68	9.09	5.20	5.20
x)	SEWA (13/120)	3.85	3.85	3.85	3.85	3.85	3.85
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.00	11.27	11.27	8.95	9.00	9.87
z)	TEHRI (75/1000)	4.71	4.45	4.45	4.71	4.71	4.71
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.68	4.68	8.14	3.51	4.68	8.24
ab)	TALA	1.76	1.76	1.76	1.76	1.76	1.76
ac)	MUNDRA UMPP (380/4000)	71.28	84.72	84.72	65.78	71.28	71.28
ad)	SASAN (372/3960)	87.45	58.82	61.87	60.45	87.45	65.93
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.39	18.37	17.07	19.44	21.39	3.56
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL SCHEDULED(a TO af)</b>	<b>508.72</b>	<b>498.48</b>	<b>505.94</b>	<b>457.25</b>	<b>508.72</b>	<b>455.40</b>
	LOSSES	-23.69	-23.05	-26.72	-20.81	-23.69	-24.31
	<b>NET SCHEDULED</b>	<b>485.04</b>	<b>475.43</b>	<b>479.22</b>	<b>436.44</b>	<b>485.04</b>	<b>431.09</b>
21	BILATERAL (REG.) EXCL. BANKING	4.33	5.28	4.97	3.90	4.33	4.33
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	83.37	76.03	83.37	109.86	75.68	90.94
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	72.33	62.32	62.32	72.60	72.33	72.34
25	INDIAN ENERGY EXCHANGE	-13.71	-94.07	-94.07	-27.77	-13.71	-13.71
	<b>TOTAL(B): (19 TO 25)</b>	<b>631.35</b>	<b>532.33</b>	<b>535.81</b>	<b>595.03</b>	<b>631.35</b>	<b>584.99</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1666.45</b>			<b>1685.49</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			38.60			2.92
	<b>GRAND TOTAL</b>	<b>1727.02</b>	<b>1809.01</b>	<b>1705.05</b>	<b>1795.43</b>	<b>1727.02</b>	<b>1688.41</b>
	LAST YEAR	1756.95	1815.76	1741.69	1842.82	1756.95	1713.65

## 3. SYSTEM PARAMETERS AS ON 04-Apr-17

MAXIMUM DRAWL ON 04-Apr-17	7611 MW at 22.30-22.45 Hrs 50.01 Hz
MINIMUM DRAWL ON 04-Apr-17	6155 MW at 18.15-18.30 Hrs 50.06 Hz
Max U/D of the day	420 MW at 7.00 Hrs 50.07 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	1
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	28
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
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	6
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	6
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	4-Apr-17 49.98 Hz
Max O/D of the day	633 MW at 12.00 Hrs 49.95 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	8.08
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.75
ABOVE 50.05 HZ	17.17
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	5-Apr-17	5-Apr-16		
Gandhi Sagar (FL)	1312	1250	1296.60	1289.32	NA	331
R.P.Sagar (FL)	1157.5	1128	1138.56	1139.28	472	NIL
Jawahar Sagar (FL)	980	970.4	976.80	973.50	NIL	NIL
Kota Barrage(FL)	854.5	852.3	853.50	853.00		
RMC					1175	
LMC					1300	
Bhakra(FL)	1690	1462	1524.24	1574.30	8380	9257
Dehar (FL)	2941	2900	2917.00	2923.16	3416	3756
Pong(FL)	1421	1260	1301.63	1298.26	1905	1905
Mahi-I (Mts.)	281.5	259	271.10	267.70	2106	NIL
Mahi-II (Mts.)	220.5	217	217.45	218.40	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
5-Apr-17	KTPS	471132	23.5 DAYS
	STPS	394841	16 DAYS
	CHHABRA	371776	49.5 DAYS
	KALISINDH	230314	16.5 DAYS

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

5-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			RED MATERIAL LEAKAGE (S/D W.E.F. 15.07.14)
DCCFP	HRS01	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS AVAILABILITY OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCCFP	GT01	110.00	100	24.00	100	08-May-16	11.05			MET AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 61.00 HRS. ON DT. 06.05.16)
DCCFP	HRS02*	55.00	50	12.00	50	13-Jul-14	16.35			BOXED UP
DCCFP	GT02*	110.00	100	24.00	100	13-Jul-14	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	11-Nov-14	12.32			BOXED UP
STPS	6*	250.00	229	55.00	229	19-Nov-14	6.31			BOXED UP
STPS	4*	250.00	229	55.00	229	29-Dec-14	1.17			BOXED UP
STPS	3*	250.00	229	55.00	229	29-Dec-14	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	16-Mar-17	14.42			BOXED UP
KTPS	3*	210.00	192	46.00	192	16-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 RDPFC)
RAMGARH	GT01	35.50	29	0.00	0	30-Mar-17	16.36	03-Apr-17	11.55	DESYNCHRONIZED DUE TO LESS AVAILABILITY OF GAS (PERMISSION NOT GRANTED BY RUVNL)
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	02-Apr-17		DESYNCHRONIZED DUE TO BOILER TUBE LEAKAGE (PERMISSION NOT GRANTED BY RUVNL FROM 11.13 HRS. 02.04.17)
Total A (STATE SECTOR- PLANNED OUTAGE)										
		3175.50	2868.00	679.40	2839.00					
CENTRAL SECTOR										
AURAIYA	GT06	109.30	12	2.90	12	20-Jun-14	5.37			LESS GAS AVAILABILITY
AURAIYA	GT04	111.19	18	4.40	18	20-Jun-14	5.53			LESS GAS AVAILABILITY
AURAIYA	GT02	111.19	18	4.40	18	09-Sep-14	4.25			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	18-Nov-14	14.28			LESS GAS AVAILABILITY
NTTP-JHAJAR	3*	500.00	5	1.20	5	22-Dec-14	20.21			LESS DEMAND
AURAIYA	GT03	111.19	18	4.40	18	09-Jun-14	5.05			LESS GAS AVAILABILITY
DABRI	GT05	154.51	16	3.90	16	21-Feb-17	0.37			LESS GAS AVAILABILITY
DABRI	GT02	136.19	22	5.30	22	21-Feb-17	6.40			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	05-May-17		ANNUAL MAINTENANCE
RHAND	4	500.00	59	14.20	59	02-Apr-17	22.21	30-Apr-17		ANNUAL MAINTENANCE
Total B (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 COOLER-I
KAPWEST	6	135.00	120	28.60	120	01-Mar-17	2.33	05-Apr-17		RED MATERIAL LEAKAGE
BARKINGSAR	1	125.00	110	26.40	110	02-Apr-17	13.00	08-Apr-17		REFRACTORY BREAKAGES IN THE BOILER AREA & PUNCTURES IN TAPPI
RAMGARH	STG02	50.00	40	9.60	40	03-Apr-17	5.02			FORCED SHUT DOWN
ADANI	1	600.00	600	144.00	144	03-Apr-17	8.06			TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAMGARH	GT03	110.00	100	24.00	100	03-Apr-17	12.59			PROBLEM IN COOLING AIR IN TAKE SYSTEM
RAMGARH	GT01	35.50	29	0.00	0	03-Apr-17	22.35	04-Apr-17	1.53	GRID FAILURE
RAMGARH	GT02	35.50	29	0.00	0	03-Apr-17	22.35	04-Apr-17	10.09	GRID FAILURE
RAMGARH	STG01	37.50	10	0.56	0	03-Apr-17	22.35	05-Apr-17	4.45	GRID FAILURE
RAMGARH	GT01	35.50	29	0.00	0	04-Apr-17	22.35	04-Apr-17	13.40	GRID FAILURE
RAMGARH	GT02	35.50	29	7.00	29	04-Apr-17	22.35			GRID FAILURE
TOTAL STATE FORCE OUTAGE										
		1384.50	1165.50	257.04	582.10					
CENTRAL SECTOR										
RAPP-C	2	220.00	44	10.50	44	28-Mar-17	20.50			TURBINE TRIP
RHAND	1	500.00	58	0.00	0	03-Apr-17	21.56	04-Apr-17	0.10	GENERATOR STATOR EARTH FAULT PROBLEM
Total B (CENTRAL SECTOR- FORCED OUTAGE)										
		720.00	102.00	10.50	44.00					
G.TOTAL			267.54	626.10						

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 (\$).