



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

<b>Power Position 06-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	1646.55	1710.17	7.85	7.43	7707	7891	49.99	430.17
06-Apr-17	1836.36	1824.29								
07-Apr-17										
08-Apr-17										
09-Apr-17										
10-Apr-17										
11-Apr-17										
12-Apr-17										
13-Apr-17										
14-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	430.17
MIN OF THE MONTH	1727.02	1756.95	1646.55	1691.13	2.92	6.46	7611.00	7722.00	49.98	111.46
AVERAGE	1815.13	1801.01	1695.49	1717.44	15.88	13.25	7892.80	7819.40	49.98	244.86
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
		5-Apr-17		
1	KTPS (1240/1240)	88.00	88.00	74.34
2	STPS (1500/1500)	55.00	55.00	44.62
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	7.00	10.00	10.52
5	RAPP-A(200/200)	38.00	38.00	42.76
6	MAHI (140/140)	0.00	0.00	5.65
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	282.64
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	284.00	284.00	207.83
11	WIND FARM (3980.40/4119.15)	350.00	350.00	430.17
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	-69.42	-72.60	-72.97
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.40
17	BARSINGH SAR LTPS(250/250)	26.00	26.00	24.57
18	RAJWEST (1080/1080)	198.00	198.00	105.83
	<b>TOTAL (A) : 1-18</b>	<b>1200.58</b>	<b>1200.40</b>	<b>1162.36</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.23	12.99	13.35
b)	DEHAR (198/ 990)	15.02	12.70	14.92
c)	PONG (231.66/396)	4.37	4.21	3.81
	<b>TOTAL : a TO c</b>	<b>32.62</b>	<b>29.91</b>	<b>32.08</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	66.05	68.20	48.27
e)	RIHAND (310.24/3000)	75.23	61.79	35.99
f)	UNCHAHAHAR-I(20/420)	4.48	3.45	3.80
g)	UNCHAHAHAR-II& III(61/630)	15.23	13.47	14.13
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.59	0.58	0.25
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	5.34	5.80	7.98
j)	DADRI GAS (77/830)	8.42	8.28	7.44
k)	ANTA (83.07/419)	1.75	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	5.59	11.33	10.00
n)	RAPP-B (125/440)	31.35	31.35	31.35
o)	RAPP-C (88/440)	11.78	11.11	11.11
p)	SALAL (20.36/690)	3.63	2.69	2.49
q)	URI (70.37/720)	11.17	16.27	15.68
r)	TANAKPUR (10.86/94)	0.18	0.23	0.21
s)	CHAMERA –I (105.84/540)	12.74	9.80	11.76
t)	CHAMERA-II (29.01/300)	3.72	3.66	4.06
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	1.65	1.77	1.56
w)	DULHASTI (42.42/390)	8.45	9.09	8.44
x)	SEWA (13/120)	3.86	3.85	3.85
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.89	8.95	9.92
z)	TEHRI (75/1000)	4.72	4.71	4.71
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	3.51	3.51	6.97
ab)	TALA	1.76	1.76	1.76
ac)	MUNDRA UMPP (380/4000)	60.90	65.78	54.74
ad)	SASAN (372/3960)	65.14	60.45	4.19
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.39	19.44	0.00
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	472.14	457.25	332.74
	LOSSES	-21.15	-20.81	-17.31
	NET SCHEDULED	<b>450.99</b>	<b>436.44</b>	<b>315.43</b>
21	BILATERAL (REG.) EXCL. BANKING	6.60	3.90	5.09
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	111.77	101.50	110.62
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	69.42	72.60	72.97
25	INDIAN ENERGY EXCHANGE	-3.00	-27.77	-27.77
	<b>TOTAL(B): (19 TO 25)</b>	<b>635.78</b>	<b>595.03</b>	<b>476.34</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1638.70</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.85
	<b>GRAND TOTAL</b>	<b>1836.36</b>	<b>1795.43</b>	<b>1646.55</b>
	LAST YEAR	1824.29	1842.82	1710.17

3. SYSTEM PARAMETERS AS ON 05-Apr-17

MAXIMUM DRAWL ON 05-Apr-17	7707 MW at 22.30-22.45 Hrs 49.96 Hz
MINIMUM DRAWL ON 05-Apr-17	5724 MW at 18.15-18.30 Hrs 50.06 Hz
Max U/D of the day	638 MW at 19.45 Hrs 50.00 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
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	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 5-Apr-17	49.99 Hz
Max O/D of the day	410 MW at 00.45 Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	4.49
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.74
ABOVE 50.05 HZ	19.77
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.	6-Apr-17	6-Apr-16	5-Apr-17	5-Apr-17		
Gandhi Sagar (Fl.)	1312	1250	1296.58	1298.30	NA	331		
R.P.Sagar (Fl.)	1157.5	1128	1138.50	1139.22	472	NIL		
Jawahar Sagar (Fl.)	980	970.4	977.00	973.60	NIL	NIL		
Kota Barrage(Fl.)	854.5	852.3	853.30	852.90				
RMC					1175			
LMC					1300			
Bhakra(Fl.)	1690	1462	1524.30	1574.30	8564	9002		
Dehar (Fl.)	2941	2900	2922.44	2919.48	4557	5545		
Pong(Fl.)	1421	1260	1301.64	1298.22	1905	2049		
Mahi-I (Mts.)	281.5	259	271.10	267.65	2106	NIL		
Mahi-II (Mts.)	220.5	217	217.25	219.00	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
6-Apr-17	KTPS	481515	24 days
	STPS	392184	15.5 days
	CHHABRA	274796	36.5 days
	KALISINDH	236154	17 days

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

6--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 RUVN)
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	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	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 ROPFC)
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 RUVN 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	5.23				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
DABRI	GT05	154.51	16	3.90	16	21-Feb-17	0.37				LESS GAS AVAILABILITY
DABRI	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	06-May-17			ANNUAL MAINTENANCE
RIBHAND	4	500.00	59	14.20	59	02-Apr-17	22.31	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 COOLAR-I
RAJWEST	6	135.00	120	28.68	120	01-Mar-17	2.33	06-Apr-17			BED 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
RAMGARH	STG02	50.00	40	9.60	40	03-Apr-17	5.02				FORCED SHUT DOWN
ADANI	1	660.00	600	144.00	600	03-Apr-17	8.06				TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAMGARH	GT03	110.00	100	0.47	0	03-Apr-17	12.59	06-Apr-17	0.28		PROBLEM IN COOLING AIR IN TAKE SYSTEM
RAMGARH	STG01	37.50	10	0.00	0	03-Apr-17	22.35	05-Apr-17	4.45		GRID FAILURE
RAMGARH	GT02	35.50	29	0.00	0	04-Apr-17	10.25	05-Apr-17	12.09		GRID FAILURE
RAMGARH	GT01	35.50	29	0.00	0	05-Apr-17	9.25	05-Apr-17	11.42		GRID FAILURE
RAMGARH	STG01	35.50	10	0.00	0	05-Apr-17	9.25	05-Apr-17	16.52		GRID FAILURE
RAMGARH	GT01	35.50	29	0.00	0	05-Apr-17	17.58	05-Apr-17	18.15		GRID FAILURE
RAMGARH	STG01	35.50	10	0.00	0	05-Apr-17	17.58	05-Apr-17	19.34		GRID FAILURE
RAMGARH	GT01	35.50	29	5.56	29	06-Apr-17	4.57				SPREAD TEMP HIGH
RAMGARH	STG01	35.50	10	2.38	10	06-Apr-17	4.57				SPREAD TEMP HIGH
TOTAL STATE FORCE OUTAGE		1401.00	1195.50	233.89	492.10						
CENTRAL SECTOR											
RAPP-C	2	220.00	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			244.39	536.10							

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 (\$).