



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

Power Position 20-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	<b>38.60</b>	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	<b>430.17</b>
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	1733.93	1723.67	-0.82	23.21	7972	8167	49.96	68.29
14-Apr-17	1838.57	1843.10	1787.22	1757.32	8.22	-1.07	8522	8034	49.98	152.79
15-Apr-17	1833.36	1831.79	1817.22	1749.33	28.07	<b>35.76</b>	8702	7823	49.99	176.82
16-Apr-17	1851.53	1753.20	1797.35	1818.73	23.28	6.60	8360	8146	<b>50.01</b>	201.01
17-Apr-17	1855.07	1782.50	1845.39	1762.89	12.05	16.03	8658	8045	49.96	268.54
18-Apr-17	1844.37	1766.11	1840.06	1794.83	11.09	23.20	8621	8327	49.95	157.94
19-Apr-17	1893.76	<b>1982.28</b>	<b>1875.90</b>	<b>1837.71</b>	22.40	15.22	<b>8925</b>	<b>8399</b>	49.97	168.01
20-Apr-17	<b>1942.81</b>	1917.10								
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	<b>1942.81</b>	<b>1982.28</b>	<b>1875.90</b>	<b>1837.71</b>	<b>38.60</b>	<b>35.76</b>	<b>8925.00</b>	<b>8399.00</b>	<b>50.01</b>	<b>430.17</b>
MIN OF THE MONTH	<b>1596.57</b>	<b>1714.23</b>	<b>1518.00</b>	<b>1681.46</b>	<b>-0.82</b>	<b>-1.07</b>	<b>7196.00</b>	<b>7718.00</b>	<b>49.95</b>	<b>34.22</b>
AVERAGE	<b>1784.87</b>	<b>1803.95</b>	<b>1709.83</b>	<b>1734.69</b>	<b>15.19</b>	<b>14.34</b>	<b>8051.26</b>	<b>7927.00</b>	<b>49.98</b>	<b>164.22</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							<b>1875.90</b>	<b>19-Apr-17</b>		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							<b>8702</b>	<b>(22.30-22.45 Hrs.)</b>	<b>15-Apr-17</b>	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							<b>2138.32</b>	<b>20-Sep-16</b>		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							<b>10322</b>	<b>(07.00-07.15Hrs.)</b>	<b>ON 16-02-17</b>	

## 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
		19-Apr-17		
1	KTPS (1240/1240)	42.00	42.00	40.36
2	STPS (1500/1500)	55.00	55.00	48.77
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	48.38
5	RAPP-A(200/200)	38.00	38.00	42.32
6	MAHI (140/140)	0.00	0.00	1.28
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)	162.00	218.00	240.49
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	417.00	419.00	343.58
11	WIND FARM (3980.40/4119.15)	280.00	150.00	168.01
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.44
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	-66.98	-64.73	-64.73
16	BIOMASS – (101.95/119.25)	7.00	6.00	6.55
17	BARSINGHSAR LTPS(250/250)	27.00	27.00	25.12
18	RAJWEST (1080/1080)	225.00	225.00	216.32
	<b>TOTAL (A) : 1-18</b>	<b>1232.02</b>	<b>1161.27</b>	<b>1118.88</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.28	13.94	13.52
b)	DEHAR (198/ 990)	30.16	30.08	29.78
c)	PONG (231.66/396)	13.56	3.11	11.28
	<b>TOTAL : a TO c</b>	<b>57.00</b>	<b>47.14</b>	<b>54.59</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.08	77.89	77.89
e)	RIHAND (310.24/3000)	73.03	91.05	77.20
f)	UNCHAHAAR-I(20/420)	0.36	0.48	2.51
g)	UNCHAHAAR-II& III(61/630)	3.11	6.95	11.15
h)	INDIRA GANDHI STPS(JHAJJHAR) 0.00/1500)	0.07	0.02	0.02
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.93	3.47	5.01
j)	DADRI GAS (77/830)	4.45	2.00	2.65
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	11.20	11.20	11.20
n)	RAPP-B (125/440)	31.01	31.09	31.09
o)	RAPP-C (88/440)	11.78	11.78	11.78
p)	SALAL (20.36/690)	4.31	4.25	4.23
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.51	0.49	0.54
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	8.82	8.82	8.82
u)	CHAMERA-III (25.21/231)	7.24	7.23	7.23
v)	DHAULIGANGA (27/280)	5.07	3.67	4.68
w)	DULHASTI (42.42/390)	12.09	12.09	12.09
x)	SEWA (13/120)	3.92	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	39.81	37.89	40.81
z)	TEHRI (75/1000)	4.72	4.72	4.72
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	17.56	14.05	24.07
ab)	TALA	0.46	0.53	0.53
ac)	MUNDRA UMPP (380/4000)	53.76	53.76	53.76
ad)	SASAN (372/3960)	89.34	89.34	89.34
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.85	21.72	17.17
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	<b>TOTAL SCHEDULE(a TO af)</b>	<b>584.52</b>	<b>588.61</b>	<b>600.05</b>
	LOSSES	-15.86	-16.95	-26.17
	<b>NET SCHEDULED</b>	<b>568.66</b>	<b>571.65</b>	<b>573.88</b>
21	BILATERAL (REG.) EXCL. BANKING	23.84	20.26	20.14
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	84.37	81.02	89.13
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	66.98	64.73	64.73
25	INDIAN ENERGY EXCHANGE	-33.05	-13.28	-13.28
	<b>TOTAL(B): (19 TO 25)</b>	<b>710.79</b>	<b>732.50</b>	<b>734.61</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>1853.49</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.40
	<b>GRAND TOTAL</b>	<b>1942.81</b>	<b>1893.76</b>	<b>1875.90</b>
	LAST YEAR	1917.10	1982.28	1837.71

## 3. SYSTEM PARAMETERS AS ON 19-Apr-17

MAXIMUM DRAWL ON 19-Apr-17	8925 MW at 23.00-23.15 Hrs 49.87 Hz
MINIMUM DRAWL ON 19-Apr-17	6878 MW at 18.15-18.30 Hrs 49.99 Hz
Max O/D of the day	236 MW at 01.15-01.30 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	6
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	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	24
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
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

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	28-Apr-17	28-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.26	1288.98	NIL	331
R.P.Sagar (Ft.)	1157.5	1128	1137.97	1138.91	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.10	974.50	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	853.10	850.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1532.40	1569.14	9705	18249
Dehar (Ft.)	2941	2900	2933.20	2916.40	8520	10251
Pong(Ft.)	1421	1260	1302.63	1296.27	2263	2263
Mahi-I (Mts.)	281.5	259	270.00	266.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	219.05	218.30	NIL	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
20-Apr-17	KTPS	602315	30 DAYS
	STPS	404180	16 DAYS
	CHHABRA	237356	31.5 DAYS
	KALISINDH	142448	10 DAYS

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

20-Apr-17

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)				(A) PLANNED 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.15/7/14)
DCCPP	HRSGL1	55.00	50	12.00	50	03-Oct-15	22.35				DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVN.)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.85				MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08/05/16)
DCCPP	HRSGL2*	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	16.84				BOXED UP
KTPS	2	110.00	100	23.00	100	09-Mar-17	13.86				DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE (PERMISSION NOT GRANTED BY RDPPC)
KTPS	4*	210.00	192	46.00	192	17-Apr-17	21.15				BOXED UP
KTPS	7*	195.00	175	42.00	175	17-Apr-17	23.84				BOXED UP
RAMGABBI	GT#1	35.50	29	7.00	29	19-Apr-17	12.12				LESS GAS AVAILABILITY
Total(A) STATE SECTOR- PLANNED OUTAGE			2785.50	2495.00	596.80	2495.00					
CENTRAL SECTOR											
AURAIYA	GT#6	109.30	12	2.90	12	28-Jun-16	5.37				LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	28-Jun-16	5.53				LESS GAS AVAILABILITY
AURAIYA	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/JHAJJAR	3*	500.00	5	1.20	5	22-Dec-16	20.21				LESS DEMAND
ANTA	GT#2	88.71	31	7.50	31	15-Mar-17	19.83				LESS GAS AVAILABILITY
ANTA	GT#5	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
AURAIYA	GT#5	109.30	12	2.90	12	19-Mar-17	17.44				LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	19-Mar-17	17.53				LESS GAS AVAILABILITY
SINGRAOLI	1	200.00	34	8.20	34	30-Mar-17	0.38	07-May-17			ANNUAL MAINTENANCE
RHJAND	4	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17			ANNUAL MAINTENANCE
DABRI	GT#1	130.19	22	5.30	22	12-Apr-17	21.80				LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2301.69	325.00	78.60	325.00					
(B) FORCE OUTAGE											
STATE SECTOR											
STATE SECTOR											
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	01-May-17			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLARA
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	28-Apr-17			TURBINE BEARING ONE METAL HIGHER TEMPERATURE
BARSINGNAR	2	125.00	110	26.40	110	17-Apr-17	20.80	21-Apr-17			REFRACTORY BREAKAGE IN BOILER AREA
CHHABRA	3	250.00	225	54.00	225	19-Apr-17	7.57	28-Apr-17			DESYNCHRONIZED DUE TO ABNORMAL SOUND IN AIR PRE-HEATER
KALISINDH	2	600.00	565	0.00	0	19-Apr-17	16.30	19-Apr-17	19.56		BOILER FEED PUMP TRIPPED
KALISINDH	2	600.00	565	0.00	0	19-Apr-17	20.55	19-Apr-17	22.54		DRUM LEVEL HIGH
TOTAL STATE FORCE OUTAGE			2360.00	2135.00	241.20	1005.00					
CENTRAL SECTOR											
RAPP-C	2	220.00	44	10.50	44	28-Mar-17	17.89				GENERATOR STATOR EARTH FAULT PROBLEM
DABRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58				LESS GAS AVAILABILITY
SINGRAOLI	5	200.00	34	8.20	34	18-Apr-17	7.13				HYDROGEN PRESSURE LOW
RHJAND	3	500.00	59	14.20	59	19-Apr-17	5.30				BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1050.19	159.00	38.20	159.00					
G.TOTAL				279.40	1164.00						

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 (S).