



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

<b>Power Position 27-Apr-17</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</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	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>	1875.90	1837.71	22.40	15.22	8925	8399	49.97	168.01
20-Apr-17	1942.81	1917.10	1921.10	<b>1846.50</b>	13.67	10.99	<b>9155</b>	8333	49.97	327.87
21-Apr-17	1790.55	1940.96	1933.49	1836.26	24.59	-4.18	9132	8414	49.97	444.33
22-Apr-17	1920.05	1966.74	<b>1939.93</b>	1809.13	<b>41.90</b>	10.50	8964	<b>8419</b>	50.00	<b>445.99</b>
23-Apr-17	<b>2007.73</b>	1905.24	1851.43	1800.98	27.26	11.50	8683	8375	49.99	303.20
24-Apr-17	1795.20	1850.45	1760.24	1790.57	30.66	14.46	8546	8198	49.98	178.62
25-Apr-17	1879.02	1848.67	1767.11	1823.41	-19.97	6.22	8313	8305	49.95	191.89
26-Apr-17	1894.00	1866.61	1672.86	1835.95	-0.36	0.97	8160	8313	49.95	313.86
27-Apr-17	1930.46	1785.27								
28-Apr-17										
29-Apr-17										
30-Apr-17										
01-May-17										
01-Apr-17										
MAXIMUM OF THE MONTH	<b>2007.73</b>	<b>1982.28</b>	<b>1939.93</b>	<b>1846.50</b>	<b>41.90</b>	<b>35.76</b>	<b>9155.00</b>	<b>8419.00</b>	<b>50.01</b>	<b>445.99</b>
MIN OF THE MONTH	<b>1596.57</b>	<b>1714.23</b>	<b>1518.00</b>	<b>1681.46</b>	<b>-19.97</b>	<b>-4.18</b>	<b>7196.00</b>	<b>7718.00</b>	<b>49.95</b>	<b>34.22</b>
AVERAGE	<b>1811.64</b>	<b>1823.81</b>	<b>1743.57</b>	<b>1757.76</b>	<b>15.63</b>	<b>12.42</b>	<b>8227.96</b>	<b>8037.31</b>	<b>49.98</b>	<b>204.84</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							<b>1939.93</b>	<b>22-Apr-17</b>		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							<b>9155</b>	<b>(23.00-23.15 Hrs.)</b>	<b>20-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
		26-Apr-17		
1	KTPS (1240/1240)	52.00	176.00	132.27
2	STPS (1500/1500)	55.00	55.00	44.85
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	46.90
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	1.36
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	184.09
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	283.60	236.61
11	WIND FARM (3980.40/4119.15)	220.00	250.00	313.86
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.97
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	-73.50	-68.26	-68.26
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.11
17	BARSINGHAR LTPS(250/250)	54.00	54.00	47.56
18	RAJWEST (1080/1080)	197.00	167.00	103.43
	<b>TOTAL (A) : 1-18</b>	<b>1199.50</b>	<b>1188.34</b>	<b>1049.75</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.81	18.76	18.72
b)	DEHAR (198/ 990)	18.08	22.64	20.24
c)	PONG (231.66/396)	8.71	9.97	8.71
	<b>TOTAL : a TO c</b>	<b>45.60</b>	<b>51.37</b>	<b>47.67</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	77.58	69.50	52.15
e)	RIHAND (310.24/3000)	82.04	67.34	57.80
f)	UNCHAHAHAR-I(20/420)	2.26	1.80	0.78
g)	UNCHAHAHAR-II& III(61/630)	4.36	4.22	3.19
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.03	0.16	0.15
i)	NCTPS DADRI SI-II ( 43.22/980) + DADRI-TH	0.99	1.84	3.22
j)	DADRI GAS (77/830)	2.99	3.06	1.87
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	11.14	11.14
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	14.27	16.37	15.21
p)	SALAL (20.36/690)	3.79	3.84	3.83
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.38	0.66	0.61
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	7.96	7.84	6.29
u)	CHAMERA-III (25.21/231)	5.67	6.13	4.85
v)	DHAULIGANGA (27/280)	2.87	3.24	3.24
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)	25.04	26.29	26.52
z)	TEHRI (75/1000)	5.25	5.52	5.25
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.20	8.20	12.53
ab)	TALA	1.03	1.31	1.31
ac)	MUNDRA UMPP (380/4000)	72.24	72.24	67.58
ad)	SASAN (372/3960)	82.50	57.41	29.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.50	15.48	0.59
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	566.90	525.11	445.09
	LOSSES	-16.05	-13.95	-15.31
	NET SCHEDULED	<b>550.85</b>	<b>511.16</b>	<b>429.78</b>
21	BILATERAL (REG.) EXCL. BANKING	12.17	12.77	11.96
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.14	110.84	114.14
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	73.50	68.26	68.26
25	INDIAN ENERGY EXCHANGE	-19.70	-0.67	-0.67
	<b>TOTAL(B): (19 TO 25)</b>	<b>730.96</b>	<b>705.66</b>	<b>623.47</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1673.22</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.36
	<b>GRAND TOTAL</b>	<b>1930.46</b>	<b>1894.00</b>	<b>1672.86</b>
	LAST YEAR	1785.27	1886.61	1835.95

3. SYSTEM PARAMETERS AS ON 26-Apr-17

MAXIMUM DRAWL ON 26-Apr-17	8160 MW at 23.30-23.45 Hrs 49.92 Hz
MINIMUM DRAWL ON 26-Apr-17	5730 MW at 18.00-18.15 Hrs 50.00Hz
Max U/D of the day	851 MW at 19.30-19.45 Hrs 49.83 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	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	64
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	16
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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.	27-Apr-17	26-Apr-17		
Gandhi Sagar (Ft.)	1312	1250	1296.09	1288.69	NIL	331
R.P.Sagar (Ft.)	1157.5	1128	1137.83	1138.98	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	977.20	973.40	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.40	850.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1543.37	1563.91	14359	26594
Dehar (Ft.)	2941	2900	2917.84	2919.06	5054	4643
Pong(Fl.)	1421	1260	1301.39	1294.45	3900	2318
Mahi-I (Mts.)	281.5	259	269.75	266.65	650	NIL
Mahi-II (Mts.)	220.5	217	218.80	218.30	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	26-Apr-17	49.95 Hz
Max O/D of the day	354 MW at 20.45-21.00 Hrs 49.95 Hz	
Frequency Profile	% of Time	
LESS THAN 48.7 HZ	0.00	
LESS THAN 49.90 HZ	19.26	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.85	
ABOVE 50.05 HZ	7.89	
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	

  

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
27-Apr-17	KTPS	570026	28.5 DAYS
	STPS	388154	15.5 DAYS
	CHHABRA	227169	30 DAYS
	KALISINDH	92628	6.5 DAYS

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

27-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 (SD W.E.F.15.07.14)
DCCFP	HRSG21	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNL)
DCCFP	GT#1	110.00	100	24.00	100	08-May-16	31.05			SUT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCFP	HRSG22*	55.00	50	12.00	50	12-Jul-16	16.35			BOXED UP
DCCFP	GT#2*	110.00	100	24.00	100	12-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, AS W.E.F. 00.00 HRS. OF DATED 14.03.17 (PERMISSION NOT GRANTED BY RDPPC)
KTPS	1*	110.00	100	23.00	100	18-Mar-17	14.42			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)
RAMGARH	GT #2	37.50	29	7.00	29	24-Apr-17	21.05			LESS GAS AVAILABILITY
KTPS	4	210.00	192	46.00	192	26-Apr-17	16.20			BOXED UP
KTPS	3	210.00	192	46.00	192	26-Apr-17	21.20			BOXED UP
Total STATE SECTOR- PLANNED OUTAGE			2992.50	2320.00	554.80	2320.00				

CENTRAL SECTOR

AURAYA	GT#6	109.30	12	2.90	12	28-Jun-16	5.37			LESS GAS AVAILABILITY
AURAYA	GT#4	111.19	18	4.40	18	28-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#3	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ISPP-JHAJAR	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	19.03			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
BIHAND	4 @	500.00	59	14.20	59	02-Apr-17	22.31	30-Apr-17		ANNUAL MAINTENANCE
DADRI	GT#1	130.19	22	5.30	22	12-Apr-17	21.00			LESS GAS AVAILABILITY
UNCHABAR	5	210.00	27	6.50	27	24-Apr-17	0.02			RENEWAL OF BOILER LICENCE
DADRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58			LESS GAS AVAILABILITY
Total CENTRAL SECTOR- PLANNED OUTAGE			2641.88	374.00	96.40	374.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	01-May-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	30-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAPP-A	2	200.00	150	36.00	150	26-Apr-17	20.09	28-Apr-17		TO ATTEND PLANNED JOBS
KALISINDH	1	600.00	565	0.00	0	21-Apr-17	1.16	26-Apr-17	15.12	BOILER TUBE LEAKAGE
RAJWEST	8	135.00	120	0.00	0	23-Apr-17	3.17	26-Apr-17	8.04	BAD MATERIAL LEAKAGE
RAJWEST	3	135.00	120	28.68	120	24-Apr-17	3.20	27-Apr-17		BAD MATERIAL LEAKAGE
RAMGARH	S.TG.#1	37.50	10	0.00	0	26-Apr-17	16.45	26-Apr-17	19.04	INSTRUMENT AIR PRESSURE LOW
KTPS	6	195.00	175	32.50	175	27-Apr-17	5.26	27-Apr-17		A.P.H. PROBLEM
TOTAL STATE FORCE OUTAGE			2087.50	1809.00	257.98	1114.50				
CENTRAL SECTOR										
RAPP-C	2	220.00	44	0.00	0	28-Mar-17	17.09	26-Apr-17	12.27	GENERATOR STATOR EARTH FAULT PROBLEM
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17	7.13			HYDROGEN PRESSURE LOW
Total CENTRAL SECTOR- FORCED OUTAGE			420.00	78.00	8.20	34.00				
G.TOTAL			266.18	1148.50						

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 (S).