



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

<b>Power Position 25-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		
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								
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>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>-0.82</b>	<b>-4.18</b>	<b>7196.00</b>	<b>7718.00</b>	<b>49.95</b>	<b>34.22</b>
AVERAGE	<b>1803.60</b>	<b>1823.64</b>	<b>1745.54</b>	<b>1751.77</b>	<b>17.78</b>	<b>13.16</b>	<b>8227.25</b>	<b>8014.67</b>	<b>49.98</b>	<b>200.84</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
		24-Apr-17		
1	KTPS (1240/1240)	176.00	130.00	120.10
2	STPS (1500/1500)	55.00	55.00	49.57
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	46.03
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.96
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	1.68
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	216.00	174.00	189.96
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	285.00	253.04
11	WIND FARM (3980.40/4119.15)	150.00	180.00	178.62
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	-70.41	-65.80	-65.83
16	BIOMASS – (101.95/119.25)	7.00	8.00	7.07
17	BARSINGHAR LTPS(250/250)	52.00	54.00	50.99
18	RAJWEST (1080/1080)	172.00	172.00	150.99
	<b>TOTAL (A) : 1-18</b>	<b>1088.59</b>	<b>1038.20</b>	<b>983.18</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.57	18.53	18.70
b)	DEHAR (198/ 990)	27.12	30.42	29.20
c)	PONG (231.66/396)	13.50	14.69	13.66
	<b>TOTAL : a TO c</b>	<b>59.19</b>	<b>63.65</b>	<b>61.55</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.08	68.90	68.90
e)	RIHAND (310.24/3000)	90.72	89.26	89.16
f)	UNCHAHAHAR-I(20/420)	3.26	3.53	4.03
g)	UNCHAHAHAR-II& III(61/630)	7.77	8.68	9.67
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.87	5.56
i)	NCTPS DADRI SI-II ( 43.22/980) + DADRI-TH	3.92	2.60	9.28
j)	DADRI GAS (77/830)	3.46	3.83	3.69
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)	11.00	11.00	11.00
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	12.52	15.36	11.78
p)	SALAL (20.36/690)	4.31	4.25	4.35
q)	URI (70.37/720)	17.71	17.91	17.68
r)	TANAKPUR (10.86/94)	0.58	1.00	0.93
s)	CHAMERA –I (105.84/540)	25.15	24.99	24.99
t)	CHAMERA-II (29.01/300)	8.82	8.82	8.82
u)	CHAMERA-III (25.21/231)	6.26	7.25	6.46
v)	DHAULIGANGA (27/280)	4.06	4.53	4.10
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)	25.75	36.43	34.04
z)	TEHRI (75/1000)	5.52	4.78	5.25
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	11.12	15.22	16.44
ab)	TALA	1.05	0.91	0.91
ac)	MUNDRA UMPP (380/4000)	53.52	53.52	56.52
ad)	SASAN (372/3960)	87.50	75.77	75.40
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.34	0.00	18.07
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	592.70	570.15	595.68
	LOSSES	-16.41	-14.63	-20.78
	NET SCHEDULED	<b>576.29</b>	<b>555.52</b>	<b>574.90</b>
21	BILATERAL (REG.) EXCL. BANKING	13.97	16.21	12.60
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	106.28	108.90	86.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	70.41	65.80	65.83
25	INDIAN ENERGY EXCHANGE	23.48	6.71	6.71
	<b>TOTAL(B): (19 TO 25)</b>	<b>790.44</b>	<b>757.00</b>	<b>746.40</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1729.58</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			30.66
	<b>GRAND TOTAL</b>	<b>1879.02</b>	<b>1795.20</b>	<b>1760.24</b>
	LAST YEAR	1848.67	1850.45	1790.57

3. SYSTEM PARAMETERS AS ON 24-Apr-17

MAXIMUM DRAWL ON 24-Apr-17	8546 MW at 22.15-22.30 49.11 HZ
MINIMUM DRAWL ON 24-Apr-17	6213 MW at 04.00-04.15 Hrs 50.02 HZ
Max U/D of the day	371 MW at 20.00-20.15 Hrs 50.01 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	19
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	33
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
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
AVERAGE FREQ. FOR THE DAY 24-Apr-17	49.98 HZ
Max O/D of the day	639 MW at 05.15-05.30 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 48.7 HZ	N/A
LESS THAN 49.90 HZ	N/A
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	N/A
ABOVE 50.05 HZ	N/A
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	68
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.	25-Apr-17	25-Apr-16		
Gandhi Sagar (Ft.)	1312	1250	1296.13	1288.80	NIL	331
R.P.Sagar (Ft.)	1157.5	1128	1137.91	1138.87	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.00	973.30	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.90	851.00		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1540.36	1566.00	14068	26799
Dehar (Ft.)	2941	2900	2919.94	2916.20	7966	7213
Pong(Ft.)	1421	1260	1301.65	1294.77	6204	2609
Mahi-I (Mts.)	281.5	259	269.80	266.70	506	NIL
Mahi-II (Mts.)	220.5	217	218.95	218.30	502	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
25-Apr-17	KTPS	589660	29.5 days
	STPS	393414	15.5 days
	CHHABRA	231846	31 days
	KALISINDH	107139	7.5 days

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

25-Apr-17

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)				DATE		TIME		REASON OF OUTAGE
<b>STATE SECTOR</b>											
GIRAL	1	125.00	70	16.80	70	11-Jul-14		8.20			BED MATERIAL LEAKAGE (SD W.E.F.15/07/14)
DCCPP	HRSG1	55.00	50	12.00	50	03-Oct-15		22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVAL)
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	HRSG2*	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 (AS W.E.F. 00.00 HRS. OF DATED 14/04/17)
KTPS	1*	110.00	100	23.00	100	10-Mar-17		14.42			BOXED UP
KTPS	3*	210.00	192	0.00	0	10-Mar-17		16.84	24-Apr-17	22.31	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		21.85			LESS GAS AVAILABILITY
Total(A) STATE SECTOR- PLANNED OUTAGE			2382.50	2128.00	462.80	1936.00					
<b>CENTRAL SECTOR</b>											
AURAIYA	GT#6	109.30	12	2.90	12	20-Jan-16		5.37			LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	20-Jan-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		19.03			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
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
SINGRAULI	1 @	200.00	34	8.20	34	30-Mar-17		0.38	07-May-17		ANNUAL MAINTENANCE
RHAND	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		21.80			LESS GAS AVAILABILITY
UNCHABAR	5	210.00	27	6.50	27	24-Apr-17		0.02			RENEWAL OF BOILER LICENCE
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2511.69	352.00	85.10	352.00					
<b>(B) FORCE OUTAGE</b>											
<b>STATE SECTOR</b>											
<b>STATE SECTOR</b>											
GIRAL	2	125.00	70	16.80	70	27-Jan-16		15.27		01-May-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
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	20-Apr-17		20.09		26-Apr-17	TO ATTEND PLANNED JOBS
KALISINDH	1	600.00	565	135.60	565	21-Apr-17		1.16		25-Apr-17	BOILER TUBE LEAKAGE
RAJWEST	8	135.00	120	28.68	120	22-Apr-17		3.17		25-Apr-17	BAD MATERIAL LEAKAGE
RAMGARH	GT #2	37.50	29	0.00	0	23-Apr-17		18.32		24-Apr-17	12.55 GAS SUPPLY SHORTAGE
RAJWEST	3	135.00	120	28.68	120	24-Apr-17		3.20		27-Apr-17	BAD MATERIAL LEAKAGE
CHHABRA	4	250.00	225	0.00	0	24-Apr-17		5.12		24-Apr-17	9.20 FURNACE PRESSURE VERY LOW
TOTAL STATE FORCE OUTAGE			2142.50	1878.00	389.76	1624.00					
<b>CENTRAL SECTOR</b>											
RAPP-C	2	220.00	44	10.50	44	20-Mar-17		17.89			GENERATOR STATOR EARTH FAULT PROBLEM
DADRI	GT#2	130.19	22	5.30	22	12-Apr-17		21.58			LESS GAS AVAILABILITY
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17		7.13			HYDROGEN PRESSURE LOW
Total(B) CENTRAL SECTOR- FORCED OUTAGE			550.19	100.00	24.00	100.00					
<b>G.TOTAL</b>			<b>413.76</b>	<b>1724.00</b>							

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 (\$).