



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

<b>Power Position 19-Apr-17</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</b>
<b>Energy Availability / Generation from different Sources</b>	<b>2</b>
<b>System Parameters</b>	<b>3</b>
<b>Water Level of major Reservoirs</b>	<b>4</b>
<b>Position of Coal Stock at KTPS,STPS &amp; CHHABRA</b>	<b>5</b>
<b>Outage of major Generating Units</b>	<b>6</b>

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	<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>	<b>8702</b>	7823	49.99	176.82
16-Apr-17	1851.53	1753.20	1797.35	<b>1818.73</b>	23.28	6.60	8360	8146	<b>50.01</b>	201.01
17-Apr-17	1855.07	1782.50	<b>1845.39</b>	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	<b>8327</b>	49.95	157.94
19-Apr-17	<b>1893.76</b>	<b>1982.28</b>								
20-Apr-17										
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>1893.76</b>	<b>1982.28</b>	<b>1845.39</b>	<b>1818.73</b>	<b>38.60</b>	<b>35.76</b>	<b>8702.00</b>	<b>8327.00</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>1776.55</b>	<b>1797.99</b>	<b>1700.60</b>	<b>1728.96</b>	<b>14.79</b>	<b>14.29</b>	<b>8002.72</b>	<b>7900.78</b>	<b>49.98</b>	<b>164.00</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							<b>1845.39</b>	<b>17-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
		18-Apr-17		
1	KTPS (1240/1240)	42.00	42.00	39.86
2	STPS (1500/1500)	55.00	55.00	46.26
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	52.59
5	RAPP-A(200/200)	38.00	38.00	42.36
6	MAHI (140/140)	0.00	0.00	1.06
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	162.00	226.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	419.00	371.00
11	WIND FARM (3980.40/4119.15)	150.00	195.00	157.94
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.73
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	-64.73	-69.59	-69.59
16	BIOMASS – (101.95/119.25)	6.00	9.00	6.24
17	BARSINGHAR LTPS(250/250)	27.00	27.00	24.86
18	RAJWEST (1080/1080)	225.00	197.00	189.43
	<b>TOTAL (A) : 1-18</b>	<b>1161.27</b>	<b>1120.41</b>	<b>1092.43</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	13.94	13.47	13.67
	b) DEHAR (198/ 990)	30.08	28.20	29.82
	c) PONG (231.66/396)	3.11	3.27	3.19
	<b>TOTAL : a TO c</b>	<b>47.14</b>	<b>44.94</b>	<b>46.68</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	77.89	78.08	72.63
	e) RIHAND (310.24/3000)	91.05	91.21	90.57
	f) UNCHAHAR-I(20/420)	0.48	0.02	1.39
	g) UNCHAHAR-II& III(61/630)	6.95	0.02	8.31
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.02	0.04	0.01
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	3.47	0.34	2.12
	j) DADRI GAS (77/830)	2.00	3.19	2.75
	k) ANTA (83.07/419)	0.00	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.14	0.14
	m) NAPP (44/440)	11.20	11.40	11.40
	n) RAPP-B (125/440)	31.09	31.09	31.09
	o) RAPP-C (88/440)	11.78	11.78	11.78
	p) SALAL (20.36/690)	4.25	4.29	4.23
	q) URI (70.37/720)	17.91	17.91	17.68
	r) TANAKPUR (10.86/94)	0.49	0.43	0.44
	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)	7.23	7.23	7.23
	v) DHAULIGANGA (27/280)	3.67	3.25	3.67
	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)	37.89	28.66	35.21
	z) TEHRI (75/1000)	4.72	4.72	4.72
	aa) KOTESHWR (33.44/400 ) + PARBATI3 (56.73/520)	14.05	9.37	17.71
	ab) TALA	0.53	0.55	0.55
	ac) MUNDRA UMPP (380/4000)	53.76	53.76	53.76
	ad) SASAN (372/3960)	89.34	85.62	85.62
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	21.72	20.87	15.17
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	588.61	558.90	574.85
	LOSSES	-16.95	-18.46	-25.36
	NET SCHEDULED	<b>571.65</b>	<b>540.44</b>	<b>549.50</b>
21	BILATERAL (REG.) EXCL. BANKING	20.26	16.33	19.04
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	89.13	106.00	112.94
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	64.73	69.59	69.59
25	INDIAN ENERGY EXCHANGE	-13.28	-15.33	-15.33
	<b>TOTAL(B): (19 TO 25)</b>	<b>732.50</b>	<b>723.96</b>	<b>735.73</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1828.16</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			11.90
	<b>GRAND TOTAL</b>	<b>1893.76</b>	<b>1844.37</b>	<b>1840.06</b>
	LAST YEAR	1982.28	1766.11	1794.83

## 3. SYSTEM PARAMETERS AS ON 18-Apr-17

MAXIMUM DRAWL ON 18-Apr-17	8621 MW at 23.15-23.30 Hrs 49.93 Hz	4. WATER LEVEL OF MAJOR RESERVOIR						
MINIMUM DRAWL ON 18-Apr-17	6597 MW at 18.15-18.30 Hrs 49.95 Hz	Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
Max O/D of the day	326 MW at 01.15-01.30 Hrs 49.91 HZ		Max.	Min.	19-Apr-17	19-Apr-16		
Max. O/D below 49.7 Hz	MW at	Gandhi Sagar (Ft.)	1312	1250	1286.28	1289.00	NIL	331
No. of Blocks Freq. < 49.7 Hz	0	R.P.Sagar (Ft.)	1157.5	1128	1138.02	1138.93	NIL	NA
No. of Violation Blocks Freq. < 49.7 Hz	0	Jawahar Sagar (Ft.)	980	970.4	974.00	974.50	NIL	NA
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	10	Kota Barrage(Ft.)	854.5	852.3	853.30	850.30		
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4	RMC					20	
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	75	LMC					NIL	
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6	Bhakra(Ft.)	1690	1462	1530.40	1569.27	8558	13524
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1	Dehar (Ft.)	2941	2900	2927.03	2923.49	7946	8384
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	11	Pong(Ft.)	1421	1260	1302.78	1296.88	1507	3086
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2	Mahi-I (Mts.)	281.5	259	270.00	266.70	NIL	NIL
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0	Mahi-II (Mts.)	220.5	217	219.05	218.30	NIL	NIL
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0							
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							

5. POSITION OF COAL STOCK (In MT)		Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
AVERAGE FREQ. FOR THE DAY	18-Apr-17	49.95 Hz			
Max O/D of the day		349 MW at 12.45-13.00 Hrs 49.98 Hz			
Frequency Profile		% of Time			
LESS THAN 48.7 HZ		0.17	KTPS	600864	30 days
LESS THAN 49.90 HZ		10.90	STPS	406928	16 days
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		80.45	CHHABRA	237356	31.5 days
ABOVE 50.05 HZ		8.48	CHHABRA	153911	11 days
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			

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

19-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 (SD W.E.F.15/7/14)
DCPP	HRSGr1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCPP	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)
DCPP	HRSGr2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DCPP	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	13.06			DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE. (PERMISSION NOT GRANTED BY RDPFC)
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	23.04			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			2750.00	2466.00	589.80	2466.00				

## CENTRAL SECTOR

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
BHAND	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	21.00			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 COOLER-I
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	20-Apr-17		TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAJWEST	6	135.00	120	8.00	0	15-Apr-17	18.30	18-Apr-17	16.41	TURBINE SIDE STEAM LEAKAGE
CTPP	4	250.00	210	8.00	0	17-Apr-17	11.38	18-Apr-17	19.37	REHEAT PROTECTION
BARSINGSAR	2	125.00	110	26.40	110	17-Apr-17	20.00	21-Apr-17		REFRACTORY BREAKAGE IN BOILER AREA
CHHABRA	3	250.00	225	36.11	225	19-Apr-17	7.57	19-Apr-17		DESYNCHRONIZED DUE TO ABNORMAL SOUND IN AIR PRE-HEATER
TOTAL STATE FORCE OUTAGE			1545.00	1334.50	223.31	1005.00				
CENTRAL SECTOR										
RAPP-C	2	220.00	44	10.50	44	20-Mar-17	17.09			GENERATOR STATOR EARTH FAULT PROBLEM
DABRI	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(D) CENTRAL SECTOR- FORCED OUTAGE			550.19	100.00	24.00	100.00				
G.TOTAL			247.31	1105.00						

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).