



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

Power Position 24-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		
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	35.76	8702	7823	49.99	176.82
16-Apr-17	1851.53	1753.20	1797.35	1818.73	23.28	6.60	8360	8146	50.01	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	1982.28	1875.90	1837.71	22.40	15.22	8925	8399	49.97	168.01
20-Apr-17	1942.81	1917.10	1921.10	1846.50	13.67	10.99	9155	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	1939.93	1809.13	41.90	10.50	8964	8419	50.00	445.99
23-Apr-17	2007.73	1905.24	1851.43	1800.98	27.26	11.50	8683	8375	49.99	303.20
24-Apr-17	1795.20	1850.45								
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	2007.73	1982.28	1939.93	1846.50	41.90	35.76	9155.00	8419.00	50.01	445.99
MIN OF THE MONTH	1596.57	1714.23	1518.00	1681.46	-0.82	-4.18	7196.00	7718.00	49.95	34.22
AVERAGE	1800.45	1822.60	1744.90	1750.08	17.22	13.10	8213.39	8006.70	49.98	201.80
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							1939.93	22-Apr-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							9155	(23.00-23.15 Hrs.)	20-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	

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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		21-Apr-17			22-Apr-17			23-Apr-17		
1	KTPS (1240/1240)	77.00	42.00	41.39	84.00	77.00	70.58	130.00	84.00	81.68
2	STPS (1500/1500)	55.00	55.00	49.58	55.00	55.00	46.24	55.00	55.00	46.85
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	46.00	46.00	46.29	46.00	46.00	45.28	46.00	46.00	47.21
5	RAPP-A(200/200)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	1.25	0.00	0.00	1.29	0.00	0.00	1.50
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	120.00	185.04	160.00	108.00	113.63	174.00	160.00	163.16
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	285.00	291.00	277.14	285.00	285.00	254.55	285.00	285.00	250.20
11	WIND FARM (3980.40/4119.15)	375.00	350.00	444.33	380.00	375.00	445.99	180.00	380.00	303.20
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-65.04	-62.26	-62.26	-68.46	-65.04	-65.04	-65.80	-68.46	-68.46
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.24	6.00	6.00	6.20	8.00	6.00	7.63
17	BARSINGHAR LTSPS(250/250)	52.00	27.00	29.58	54.00	52.00	51.48	54.00	54.00	52.21
18	RAJWEST (1080/1080)	200.00	225.00	202.40	197.00	200.00	166.91	172.00	197.00	166.06
	TOTAL (A) : 1-18	1138.96	1099.74	1200.98	1198.54	1138.96	1137.11	1038.20	1198.54	1051.24
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	17.91	15.85	17.69	18.15	17.91	18.16	18.53	18.15	17.69
b)	DEHAR (198/ 990)	26.48	21.43	21.43	30.64	26.48	24.08	30.42	30.64	30.64
c)	PONG (231.66/396)	14.69	16.10	15.08	14.69	14.69	15.00	14.69	14.69	14.69
	TOTAL : a TO c	59.08	53.38	54.20	63.48	59.08	57.25	63.65	63.48	63.02
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	54.05	78.08	76.31	74.98	54.05	51.89	68.90	74.98	70.80
e)	RIHAND (310.24/3000)	90.38	82.36	85.19	90.38	90.38	87.85	89.26	90.38	90.62
f)	UNCHAHAR-I(20/420)	1.79	3.10	4.02	4.32	1.79	2.72	3.53	4.32	3.62
g)	UNCHAHAR-II& III(61/630)	13.05	11.24	15.41	16.51	13.05	14.54	8.68	16.51	14.92
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.16	0.03	0.57	0.00	0.20	0.87	0.57	0.61
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	3.16	2.09	5.50	5.42	3.16	5.04	2.60	5.42	9.18
j)	DADRI GAS (77/830)	4.81	3.44	3.56	3.42	4.81	3.87	3.83	3.42	3.17
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	11.00	10.91	10.91	11.00	11.00	11.00	11.00	11.00	11.00
n)	RAPP-B (125/440)	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09	31.09
o)	RAPP-C (88/440)	11.78	11.78	11.78	11.78	11.78	11.78	15.36	11.78	11.78
p)	SALAL (20.36/690)	4.25	4.25	4.20	4.29	4.25	4.13	4.25	4.29	4.31
q)	URI (70.37/720)	17.68	17.68	17.68	17.91	17.68	17.68	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.99	0.70	0.84	0.99	0.99	1.10	1.00	0.99	1.04
s)	CHAMERA –I (105.84/540)	24.89	25.15	25.15	25.15	24.89	24.89	24.99	25.15	25.15
t)	CHAMERA-II (29.01/300)	8.82	8.82	8.82	8.82	8.82	8.80	8.82	8.82	8.82
u)	CHAMERA-III (25.21/231)	7.25	7.25	7.25	7.25	7.25	7.24	7.25	7.25	7.25
v)	DHAULIGANGA (27/280)	4.53	5.03	5.53	4.53	4.53	5.11	4.53	4.53	5.13
w)	DULHASTI (42.42/390)	12.09	12.09	12.09	12.09	12.09	12.09	12.09	12.09	12.09
x)	SEWA (13/120)	3.92	3.92	3.92	3.92	3.92	3.71	3.92	3.92	3.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	43.44	43.59	43.59	41.85	43.44	43.44	36.43	41.85	38.70
z)	TEHRI (75/1000)	5.25	5.25	5.25	5.25	5.25	4.91	4.78	5.25	5.25
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	15.22	17.56	22.01	18.41	15.22	21.26	15.22	18.41	22.58
ab)	TALA	0.88	0.53	0.53	0.88	0.88	0.88	0.91	0.88	0.88
ac)	MUNDRA UMPP (380/4000)	53.52	53.76	53.76	53.52	53.52	53.52	53.52	53.52	53.52
ad)	SASAN (372/3960)	87.48	87.48	87.48	87.48	87.48	84.51	75.77	87.48	80.44
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.22	18.67	13.89	23.19	26.22	12.49	0.00	23.19	7.80
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	596.63	599.35	610.00	628.47	596.63	583.00	570.15	628.47	604.59
	LOSSES	-19.89	-20.01	-26.68	-21.51	-19.89	-25.27	-14.63	-21.51	-26.35
	NET SCHEDULED	576.74	579.35	583.32	606.96	576.74	557.73	555.52	606.96	578.25
21	BILATERAL (REG.) EXCL. BANKING	26.22	23.84	23.15	21.45	26.22	25.06	16.21	21.45	18.07
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	112.42	79.42	98.19	112.32	107.48	112.42	112.76	108.12	108.16
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	65.04	62.26	62.26	68.46	65.04	65.04	65.80	68.46	68.46
25	INDIAN ENERGY EXCHANGE	0.67	-59.00	-59.00	0.00	0.67	0.67	6.71	0.00	0.00
	TOTAL(B): (19 TO 25)	781.09	690.82	707.92	809.20	781.09	760.92	757.00	809.20	772.93
	TOTAL GENERATION (A +B) : 1 TO 25			1908.90			1898.03			1824.17
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.59			41.90			27.26
	GRAND TOTAL	1920.05	1790.55	1933.49	2007.73	1920.05	1939.93	1795.20	2007.73	1851.43
	LAST YEAR	1966.71	1940.96	1836.26	1905.24	1966.71	1809.12	1850.45	1905.24	1800.97

3. SYSTEM PARAMETERS AS ON 23-Apr-17

MAXIMUM DRAWL ON 23-Apr-17	6683 MW at 00.15-00.30 Hrs 49.96 Hz
MINIMUM DRAWL ON 23-Apr-17	6447 MW at 18.15-18.30 Hrs 50.01 Hz
Max U/D of the day	222 MW at 21.15-21.30 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	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	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.0 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	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	7
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	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 23-Apr-17	49.99 Hz
Max O/D of the day	602 MW at 23.30 Hrs 49.96 Hz
Frequency Profile	% of Time
LESS THAN 48.7 HZ	0.00
LESS THAN 49.90 HZ	2.21
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.67
ABOVE 50.05 HZ	21.12
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	24-Apr-17	24-Apr-16		
Gandhi Sagar (Fl.)	1312	1250	1296.15	NA	NIL	331
R.P.Sagar (Fl.)	1157.5	1128	1137.94	1138.76	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	977.40	973.10	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	852.60	851.20		
RMC						20
LMC						NIL
Bhakra(Fl.)	1690	1462	1537.13	1566.81	13954	22134
Dehar (Fl.)	2941	2900	2933.46	2918.96	6897	9967
Pong(Fl.)	1421	1260	1302.10	1294.96	6629	5330
Mahi-I (Mts.)	281.5	259	269.85	263.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.95	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
24-Apr-17	KTPS	598265	29.5 Days
	STPS	396444	15.5 Days
	CHHABRA	240380	32 Days
	KALISINDH	113876	8 Days

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT. 24-Apr-17

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)	OUTAGE		EXPECT./REPAIR		REASON OF OUTAGE
				DATE	TIME	DATE	TIME	
(A) PLANNED OUTAGE								
STATE SECTOR								
GRAL	1	125.00	70	16.80	70	11-Jun-14	8.20	RED MATERIAL LEAKAGE (SD W.E.F. 15.07.14)
DCCPP	HBSGT	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	NOT AFTER CARRYING-OUT PMS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 61.00 HRS. ON DT. 08.05.16)
DCCPP	HBSGT*	55.00	50	12.00	50	12-Jul-16	16.35	BOXED UP
DCCPP	GT02*	110.00	100	24.00	100	12-Jul-16	16.00	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	8.21	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. 06.00 HRS. OF DATED 14.04.17)
KTPS	1*	110.00	100	23.00	100	18-Mar-17	14.42	BOXED UP
KTPS	3*	210.00	192	46.00	192	18-Mar-17	16.04	BOXED UP
KTPS	2	110.00	100	23.00	100	09-Mar-17	12.06	DESYNCHRONIZED DUE TO LEAKAGE IN STEAM LINE. (PERMISSION NOT GRANTED BY RUPPC)
KTPS	4*	210.00	192	46.00	192	17-Apr-17	21.15	25-Apr-17 20.44 BOXED UP
BANGARB	GT01	35.00	20	7.00	20	19-Apr-17	12.12	23-Apr-17 10.19 LESS GAS AVAILABILITY
TOTAL STATE SECTOR- PLANNED OUTAGE								
		2590.50	2320.00	554.00	2320.00			
CENTRAL SECTOR								
AURAYA	GT06	109.30	12	2.00	12	20-Jun-16	5.37	LESS GAS AVAILABILITY
AURAYA	GT04	111.19	18	4.00	18	20-Jun-16	5.53	LESS GAS AVAILABILITY
AURAYA	GT02	111.19	18	4.00	18	09-Sep-16	4.25	LESS GAS AVAILABILITY
ANTA	GT01	86.71	31	7.50	31	18-Nov-16	14.28	LESS GAS AVAILABILITY
ISPP-BHABAR	3*	500.00	5	1.20	5	22-Dec-16	20.21	LESS DEMAND
ANTA	GT02	86.71	31	7.50	31	15-Mar-17	19.03	LESS GAS AVAILABILITY
ANTA	GT03	86.71	31	7.50	31	15-Mar-17	17.33	LESS GAS AVAILABILITY
ANTA	GT04	152.20	34	8.20	34	15-Mar-17	17.44	LESS GAS AVAILABILITY
AURAYA	GT05	109.30	12	2.00	12	19-Mar-17	17.44	LESS GAS AVAILABILITY
AURAYA	GT01	111.19	18	4.00	18	19-Mar-17	17.53	LESS GAS AVAILABILITY
SINGRAULI	1	200.00	34	8.20	34	30-Mar-17	6.20	07-May-17 ANNUAL MAINTENANCE
BHAND	4	500.00	59	14.20	59	02-Apr-17	22.31	26-Apr-17 ANNUAL MAINTENANCE
DABRI	GT01	120.19	22	5.20	22	12-Apr-17	21.00	LESS GAS AVAILABILITY
TOTAL CENTRAL SECTOR- PLANNED OUTAGE								
		2201.49	325.00	78.60	325.00			
(B) FORCE OUTAGE								
STATE SECTOR								
STATE SECTOR								
GRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	01-May-17 DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOL-4
ADANI	1	660.00	600	144.00	600	03-Aug-17	8.06	26-Apr-17 TURBINE BEARING ONE METAL HIGHER TEMPERATURE
RAPP	2	200.00	150	36.00	150	28-Apr-17	20.09	26-Apr-17 TO ATTEND PLANNED JOBS
KALISINDH	1	600.00	565	125.00	565	21-Apr-17	1.16	25-Apr-17 BOILER TUBE LEAKAGE
CHHABRA	1	250.00	225	8.00	0	23-Apr-17	5.12	23-Apr-17 11.25 BOILER TUBE LEAKAGE
RAJWEST	8	135.00	120	28.00	120	23-Apr-17	3.17	25-Apr-17 BAD MATERIAL LEAKAGE
CHHABRA	4	250.00	225	8.00	0	23-Apr-17	22.24	23-Apr-17 8.40 FURNACE PRESSURE VERY LOW
BANGARB	GT 02	37.50	20	7.00	20	23-Apr-15	18.32	GAS SUPPLY SHORTAGE
RAJWEST	3	135.00	120	3.00	120	23-Apr-17	3.20	23-Apr-17 BAD MATERIAL LEAKAGE
CHHABRA	4	250.00	225	11.70	225	24-Apr-17	5.12	24-Apr-17 FURNACE PRESSURE VERY LOW
TOTAL STATE FORCE OUTAGE								
		2642.50	2328.00	383.70	1878.00			
CENTRAL SECTOR								
RAPP	2	220.00	44	10.90	44	20-Mar-17	17.09	GENERATOR STATOR EARTH FAULT PROBLEM
DABRI	GT02	120.19	22	5.20	22	13-Apr-17	21.58	LESS GAS AVAILABILITY
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17	7.13	HYDROGEN PRESSURE LOW
SINGRAULI	6	500.00	85	0.00	0	21-Apr-17	22.47	BOILER TUBE LEAKAGE
TOTAL CENTRAL SECTOR- FORCED OUTAGE								
		1050.19	185.00	24.00	100.00			
G.TOTAL				407.76	1978.00			