



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

Power Position 03-May-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-May-17	1837.16	2036.12	1833.87	1885.79	22.71	18.10	8892	8719	49.99	135.04
02-May-17	1849.34	2032.84	1823.88	1891.60	28.21	9.22	8587	8883	49.92	154.65
03-May-17	1603.25	2007.99								
04-May-17										
05-May-17										
06-May-17										
07-May-17										
08-May-17										
09-May-17										
10-May-17										
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24-May-17										
25-May-17										
26-May-17										
27-May-17										
28-May-17										
29-May-17										
30-May-17										
01-May-17										
MAXIMUM OF THE MONTH	1849.34	2036.12	1833.87	1891.60	28.21	18.10	8892.00	8883.00	49.99	154.65
MIN OF THE MONTH	1603.25	2007.99	1823.88	1885.79	22.71	9.22	8587.00	8719.00	49.92	135.04
AVERAGE	1763.25	2025.65	1828.88	1888.70	25.46	13.66	8739.50	8801.00	49.96	144.85
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	
MAX WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							115.00	22-Apr-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
		2-May-17		
1	KTPS (1240/1240)	175.00	176.00	169.45
2	STPS (1500/1500)	55.00	55.00	53.35
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	10.00	10.00	9.28
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.69
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	218.00	170.44
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	245.00	342.00	331.12
11	WIND FARM (3980.40/4119.15)	120.00	140.00	154.65
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	-59.71	-58.30	-58.30
16	BIOMASS – (101.95/119.25)	8.00	7.00	7.78
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.13
18	RAJWEST (1080/1080)	172.00	202.00	196.26
	TOTAL (A) : 1-18	859.29	1117.70	1059.84
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.12	27.91	27.91
b)	DEHAR (198/ 990)	13.76	16.39	14.85
c)	PONG (231.66/396)	13.02	15.43	13.90
	TOTAL : a TO c	54.90	59.74	56.66
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.80	77.59	77.59
e)	RIHAND (310.24/3000)	89.07	89.10	87.68
f)	UNCHAHAHAR-I(20/420)	4.68	0.76	4.68
g)	UNCHAHAHAR-II& III(61/630)	14.95	3.13	18.65
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	4.32	0.88	5.38
j)	DADRI GAS (77/830)	4.21	4.01	3.89
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)	11.29	11.32	11.32
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	24.13	24.13	24.13
p)	SALAL (20.36/690)	3.46	3.69	3.79
q)	URI (70.37/720)	17.90	17.91	17.91
r)	TANAKPUR (10.86/94)	0.58	0.45	0.51
s)	CHAMERA –I (105.84/540)	17.25	15.68	15.68
t)	CHAMERA-II (29.01/300)	6.36	6.34	5.68
u)	CHAMERA-III (25.21/231)	4.69	4.69	4.24
v)	DHAULIGANGA (27/280)	2.04	2.47	2.22
w)	DULHASTI (42.42/390)	12.09	12.09	12.09
x)	SEWA (13/120)	2.92	3.72	3.72
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	20.50	21.41	19.35
z)	TEHRI (75/1000)	4.45	4.72	4.18
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	7.03	8.78	10.48
ab)	TALA	1.20	0.71	0.71
ac)	MUNDRA UMPP (380/4000)	54.48	54.48	55.91
ad)	SASAN (372/3960)	87.48	84.16	84.16
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.55	25.63	26.07
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	590.40	568.69	587.80
	LOSSES	-20.22	-20.93	-23.76
	NET SCHEDULED	570.18	547.76	564.03
21	BILATERAL (REG.) EXCL. BANKING	9.52	11.43	9.89
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	85.80	109.89	104.01
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	59.71	58.30	58.30
25	INDIAN ENERGY EXCHANGE	18.75	-0.40	-0.40
	TOTAL(B): (19 TO 25)	743.95	731.64	735.83
	TOTAL GENERATION (A +B) : 1 TO 25			1795.67
	OVER DRAWAL (+)/UNDER DRAWAL (-)			28.21
	GRAND TOTAL	1603.25	1849.34	1823.88
	LAST YEAR	2007.99	2032.84	1891.61

3. SYSTEM PARAMETERS AS ON 02-May-17

MAXIMUM DRAWL ON 02-May-17		8587 MW at 00.00-00.15 Hrs 49.90 Hz	4. WATER LEVEL OF MAJOR RESERVOIR													
MINIMUM DRAWL ON 02-May-17		6989 MW at 05.00-05.15 Hrs 49.94 Hz	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)								
Max U/D of the day		608 MW at 03.45-04.00 Hrs 49.96 Hz	Name of reservoir	Max.	Min.	3-May-17	3-May-16	2-May-17	2-May-17							
Max. OD below 49.7 Hz		MW at														
No. of Blocks Freq. < 49.7 Hz		0	Gandhi Sagar (Ft.)	1312	1250	1295.97	1288.34	NIL	407							
No. of Violation Blocks Freq. < 49.7 Hz		0	R.P.Sagar (Ft.)	1157.5	1128	1137.54	1139.39	NIL	NIL							
No. of Blocks in which Freq. >= 49.7 & < 49.9 Hz		23	Jawahar Sagar (Ft.)	980	970.4	977.00	973.50	1769	NIL							
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz		14	Kota Barrage(Ft.)	854.5	852.3	853.50	850.30									
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz		63	RMC					20								
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz		16	LMC					NIL								
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz		5	Bhakra(Ft.)	1690	1462	1542.28	1557.75	23874	14573							
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz		10	Dehar (Ft.)	2941	2900	2917.71	2921.52	3546	3651							
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz		4	Pongl(Ft.)	1421	1260	1300.11	1293.01	6009	1552							
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz		0	Mahi-I (Mts.)	281.5	259	269.70	266.60	454	NIL							
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz		0	Mahi-II (Mts.)	220.5	217	218.85	218.15	NIL	NIL							
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)													
AVERAGE FREQ. FOR THE DAY 2-May-17		49.92 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days										
Max O/D of the day		509 MW at 07.15-07.30 Hrs 50.02 Hz	3-May-17	KTPS	551134	27.5 DAYS										
Frequency Profile		% of Time				STPS	373220	15 DAYS								
LESS THAN 48.7 HZ		0.00						CHHABRA	174000	23 DAYS						
LESS THAN 49.90 HZ		25.47								KALISINDH	20122	1.5 DAYS				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		69.16														
ABOVE 50.05 HZ		5.37														
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		251														
No. of 132 KV Feeders Disconnected		0														

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

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		BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)	
DCCPP	HRSGL1	55.00	50	12.80	50	03-Oct-15	22.35		DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)	
DCCPP	GT#1	110.00	100	24.00	100	08-May-14	11.05		MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 4.00 HRS. ON DT. 06.05.14)	
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	12.22		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	20.82		BOXED UP	
KTPS	1*	110.00	100	23.00	100	10-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 RHPCC)	
BANGARH	GT #2	37.50	29	7.00	29	24-Apr-17	21.85		LESS GAS AVAILABILITY	
KTPS	3	210.00	192	8.00	0	26-Apr-17	21.28	02-May-17	19.49	BOXED UP
Total A-STATE SECTOR-PLANNED OUTAGE										
		2172.50	1936.00	416.80	1744.00					
CENTRAL SECTOR										
AURAYA	GT#6	109.20	12	2.90	12	20-Jun-16	5.37		LESS GAS AVAILABILITY	
AURAYA	GT#4	111.19	18	4.40	18	20-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#1	88.71	31	7.50	31	18-Nov-16	14.28		LESS GAS AVAILABILITY	
STPP-BHAJAR	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#3	88.71	31	7.50	31	15-Mar-17	17.23		LESS GAS AVAILABILITY	
ANTA	GT#4	152.20	34	8.20	34	15-Mar-17	17.44		LESS GAS AVAILABILITY	
AURAYA	GT#5	109.20	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	
SINGRAELI	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	22.21		ANNUAL MAINTENANCE	
DABRI	GT#1	130.19	22	5.30	22	12-Apr-17	21.80		LESS GAS AVAILABILITY	
DABRI	GT#2	130.19	22	5.30	22	12-Apr-17	21.58		LESS GAS AVAILABILITY	
Total A-CENTRAL SECTOR-PLANNED OUTAGE										
		2431.88	347.00	83.90	347.00					
B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	01-Jun-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLING	
ADANI	1	600.00	600	144.00	600	03-Apr-17	8.06	06-May-17	TURBINE BEARING ONE METAL HIGHER TEMPERATURE	
RAPP-A	2	200.00	150	36.00	150	20-Apr-17	20.89	02-May-17	TO ATTEND PLANNED JOBS	
BANGARH	STG#2	50.00	40	9.00	40	01-May-17	11.48	02-May-17	MASTER PROTECTION TRIP	
BARSINGGAR	2	125.00	110	26.40	110	01-May-17	16.12	12-May-17	DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK	
BANGARH	GT#3	110.00	100	24.00	100	01-May-17	16.35	02-May-17	DESYNCHRONIZED DUE TO BLEED VALVE PROBLEM	
RAJWEST	5	125.00	120	26.60	120	01-May-17	3.00	04-May-17	BAD MATERIAL LEAKAGE	
KTPS	5	210.00	192	8.00	0	02-May-17	16.81	02-May-17	19.57	DRUM LEVEL LOW
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51		COAL FEEDING PROBLEM	
KTPS	5	210.00	192	8.00	0	02-May-17	20.59	02-May-17	22.27	DRUM LEVEL LOW
KTPS	3	210.00	192	9.00	0	02-May-17	23.51	03-May-17	4.55	BUSBAR PROT. OPTD
KTPS	5	210.00	192	11.44	0	02-May-17	23.51	03-May-17	5.58	BUSBAR PROT. OPTD
KTPS	7	195.00	175	6.97	0	02-May-17	23.51	03-May-17	3.59	BUSBAR PROT. OPTD
KTPS	4	210.00	192	4.45	0	02-May-17	0.28	03-May-17	3.03	DRUM LEVEL LOW
KALISINDH	2	600.00	565	129.70	565	02-May-17	1.02		SHORTAGE OF COAL	
CHHABRA	1	250.00	210	49.84	210	02-May-17	1.51		LET START AND LOSS POWER	
RAJWEST	2	135.00	120	27.46	120	02-May-17	2.01		BAD MATERIAL LEAKAGE	
TOTAL STATE FORCE OUTAGE										
		2885.00	3445.00	578.85	2310.00					
CENTRAL SECTOR										
SINGRAELI	5	200.00	34	8.20	34	18-Apr-17	7.13		HYDROGEN PRESSURE LOW	
DABRI-B TPS	2	490.00	15	3.59	15	01-May-17	0.50		AIR PRE-HEATER SUPPORT BEARING PROBLEM	
Total B-CENTRAL SECTOR-FORCED OUTAGE										
		690.00	49.00	11.79	49.00					
G.TOTAL			590.64	2359.00						

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).