



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

Power Position 02-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								
03-May-17										
04-May-17										
05-May-17										
06-May-17										
07-May-17										
08-May-17										
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23-May-17										
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	1885.79	22.71	18.10	8892.00	8719.00	49.99	135.04
MIN OF THE MONTH	1837.16	2032.84	1833.87	1885.79	22.71	18.10	8892.00	8719.00	49.99	135.04
AVERAGE	1843.25	2034.48	1833.87	1885.79	22.71	18.10	8892.00	8719.00	49.99	135.04
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
		1-May-17		
1	KTPS (1240/1240)	176.00	170.00	154.66
2	STPS (1500/1500)	55.00	55.00	51.25
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	10.00	48.00	31.34
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	0.74
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	3.44
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	204.70
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	342.00	342.00	340.57
11	WIND FARM (3980.40/4119.15)	140.00	80.00	135.04
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.04
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	-58.30	-52.34	-53.05
16	BIOMASS – (101.95/119.25)	7.00	6.00	7.28
17	BARSINGHAR LTPS(250/250)	26.00	48.00	33.58
18	RAJWEST (1080/1080)	202.00	197.00	175.67
	TOTAL (A) : 1-18	1117.70	1111.66	1085.26
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.91	27.32	27.23
b)	DEHAR (198/ 990)	16.39	16.26	16.39
c)	PONG (231.66/396)	15.43	14.71	14.71
	TOTAL : a TO c	59.74	58.29	58.32
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	77.59	75.34	73.49
e)	RIHAND (310.24/3000)	89.10	88.87	88.80
f)	UNCHAHAHAR-I(20/420)	0.76	3.86	3.77
g)	UNCHAHAHAR-II& III(61/630)	3.13	14.26	15.45
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.37	1.92
i)	NCTPS DADRI SI-II (43.22/980) + DADRI-TH	0.88	4.66	4.80
j)	DADRI GAS (77/830)	4.01	3.85	3.80
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)	11.32	11.26	11.26
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)	3.69	3.60	3.84
q)	URI (70.37/720)	17.91	17.91	17.91
r)	TANAKPUR (10.86/94)	0.45	0.54	0.63
s)	CHAMERA –I (105.84/540)	15.68	14.50	14.50
t)	CHAMERA-II (29.01/300)	6.34	6.99	7.08
u)	CHAMERA-III (25.21/231)	4.69	4.69	4.86
v)	DHAULIGANGA (27/280)	2.47	2.47	2.47
w)	DULHASTI (42.42/390)	12.09	12.09	12.09
x)	SEWA (13/120)	3.72	3.72	3.72
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	21.41	24.59	23.34
z)	TEHRI (75/1000)	4.72	4.63	4.63
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	8.78	8.78	12.75
ab)	TALA	0.71	0.72	0.72
ac)	MUNDRA UMPP (380/4000)	54.48	49.92	49.92
ad)	SASAN (372/3960)	84.16	83.25	83.25
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.63	22.58	15.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	568.69	576.97	574.54
	LOSSES	-20.93	-24.22	-23.25
	NET SCHEDULED	547.76	552.75	551.29
21	BILATERAL (REG.) EXCL. BANKING	11.43	11.87	11.90
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.56	104.89	109.99
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	58.30	52.34	53.05
25	INDIAN ENERGY EXCHANGE	-0.40	-0.33	-0.33
	TOTAL(B): (19 TO 25)	731.64	725.50	725.90
	TOTAL GENERATION (A +B) : 1 TO 25			1811.16
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.71
	GRAND TOTAL	1849.34	1837.16	1833.87
	LAST YEAR	2032.84	2036.12	1885.79

3. SYSTEM PARAMETERS AS ON 01-May-17

MAXIMUM DRAWL ON 01-May-17	8892 MW at 23.15-23.30 Hrs 49.94 Hz	4. WATER LEVEL OF MAJOR RESERVOIR								
MINIMUM DRAWL ON 01-May-17	6491 MW at 18.15-18.30 Hrs 49.99 Hz	Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)		
Max O/D of the day	542 MW at 03.45-04.00 Hrs 50.02 HZ		Max.	Min.	2-May-17	2-May-16			1-May-17	1-May-17
Max. O/D below 49.7 Hz	MW at	Gandhi Sagar (Ft.)	1312	1250	1295.99	1288.39	NIL	442		
No. of Blocks Freq. < 49.7 Hz	0	R.P.Sagar (Ft.)	1157.5	1128	1137.61	1139.37	NIL	NIL		
No. of Violation Blocks Freq. < 49.7 Hz	0	Jawahar Sagar (Ft.)	980	970.4	976.60	973.30	1769	NIL		
No. of Blocks in which Freq. >= 49.7 & < 49.9 Hz	2	Kota Barrage(Ft.)	854.5	852.3	853.50	850.50				
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	1	RMC					20			
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	46	LMC					NIL			
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	12	Bhakra(Ft.)	1690	1462	1543.39	1558.48	23558	15612		
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	1	Dehar (Ft.)	2941	2900	2919.48	2926.70	4337	4785		
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	39	Pong(Ft.)	1421	1260	1300.42	1293.42	7000	1536		
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	10	Mahi-I (Mts.)	281.5	259	269.70	266.60	454	NIL		
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	4	Mahi-II (Mts.)	220.5	217	218.85	218.20	NIL	NIL		
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	9									
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	3									
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 1-May-17	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days					
Max O/D of the day	536 MW at 07.30-07.45 Hrs 50.02 HZ	2-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	3.36				KALISINDH	20122	1.5 DAYS			
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.47									
ABOVE 50.05 HZ	23.17									
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	39									
No. of 132 KV Feeders Disconnected	0									

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

2-May-17

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			DATE		TIME		REASON OF OUTAGE	
STATE SECTOR											
GIRAL	1	125.00	70	16.80	70	13-Jul-14		8.20			BED MATERIAL LEAKAGE (SD W.E.F.15/07.14)
DCCPP	HRS#1	55.00	50	12.00	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-16		11.05			MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRS#2*	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	3.45	0	08-Mar-17		12.24	01-May-17	1.48	BOXED UP (AS W.E.F. 00.00 HRS. OF DATED 14.04.17)(PERMISSION NOT GRANTED BY ROPPC)
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 ROPPC)
RAMGARH	GT #2	37.50	29	7.00	29	24-Apr-17		21.05			LESS GAS AVAILABILITY
KTPS	3	210.00	192	46.00	192	26-Apr-17		21.20			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			2382.50	2128.00	466.25	1936.00					
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		19.83			LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	15-Mar-17		17.23			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	20-Mar-17		0.20	07-May-17		ANNUAL MAINTENANCE
BIHAND	4 @	500.00	59	14.20	59	02-Apr-17		22.31			ANNUAL MAINTENANCE
DADRI	GT#1	130.19	22	5.30	22	12-Apr-17		21.00			LESS GAS AVAILABILITY
DADRI	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-Jan-16		15.27	01-Jun-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
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		20.09	02-May-17		TO ATTEND PLANNED JOBS
RAJWEST	2	135.00	120	0.00	0	28-Apr-17		2.58	01-May-17	18.32	BAD MATERIAL LEAKAGE
RAMGARH	STG#1	37.50	40	0.00	0	01-May-17		8.02	01-May-17	9.27	CEP TRIP
RAMGARH	GT#3	110.00	100	0.00	0	01-May-17		11.48	01-May-17	13.44	MASTER PROTECTION TRIP
RAMGARH	STG#2	50.00	40	5.00	40	01-May-17		11.48	02-May-17		MASTER PROTECTION TRIP
BARSINGAR	2	125.00	110	26.40	110	01-May-17		16.12	12-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAMGARH	GT#3	110.00	100	24.00	100	01-May-17		16.35	02-May-17		DESYNCHRONIZED DUE TO BLEED VALVE PROBLEM
RAJWEST	5	135.00	120	25.07	120	01-May-17		3.01	04-May-17		BAD MATERIAL LEAKAGE
TOTAL STATE FORCE OUTAGE			1687.50	1449.50	281.87	1190.00					
CENTRAL SECTOR											
SINGRAULI	5	200.00	34	8.20	34	18-Apr-17		7.13			HYDROGEN PRESSURE LOW
DADRI H TPS	2	490.00	15	3.59	15	01-May-17		0.50			AIR PRE-HEATER SUPPORT BEARING PROBLEM
ISTPP-JHAJJAR	1	500.00	5	0.00	0	01-May-17		19.45	01-May-17	21.22	FLAME FAILURE
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1190.00	54.00	11.79	49.00					
G.TOTAL			293.66	1239.00							

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 (\$).