



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

Power Position 12-May-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. --MAY- 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		
May-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	1665.22	1877.74	49.01	11.51	7838	9026	49.89	73.67
04-May-17	1782.60	2012.54	1919.59	1941.24	38.13	5.30	8953	8793	49.96	49.55
05-May-17	1979.93	2006.33	1990.19	1728.63	1.86	-25.93	9488	8586	49.95	80.75
06-May-17	2125.12	1998.98	1982.31	1716.68	1.49	20.46	9243	8438	49.96	126.47
07-May-17	2152.19	1999.74	1889.27	1878.18	16.89	12.33	8986	9024	49.98	166.18
08-May-17	1981.55	2036.87	1900.90	1863.74	19.13	10.81	8876	8623	49.98	155.70
09-May-17	2127.50	1998.34	1957.52	1867.82	12.93	1.86	9083	8475	49.99	206.52
10-May-17	2135.63	2092.96	1929.02	1829.76	20.60	-11.09	8866	8312	49.98	164.11
11-May-17	2145.59	2022.13	1961.87	1876.42	-2.22	19.12	9360	8803	49.95	181.76
12-May-17	2131.77	2090.79								
13-May-17										
14-May-17										
15-May-17										
16-May-17										
17-May-17										
18-May-17										
19-May-17										
20-May-17										
21-May-17										
22-May-17										
23-May-17										
24-May-17										
25-May-17										
26-May-17										
27-May-17										
28-May-17										
29-May-17										
30-May-17										
31-May-17										
MAXIMUM OF THE MONTH	2152.19	2092.96	1990.19	1941.24	49.01	20.46	9488.00	9026.00	49.99	206.52
MIN OF THE MONTH	1603.25	1998.34	1665.22	1716.68	-2.22	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	1987.64	2027.97	1895.79	1850.69	18.98	6.52	8924.73	8698.36	49.96	135.85
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)					1990.19			05-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)					9488			(23.15-23.30 Hrs.)	05-May-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.)					445.99			22-Apr-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)					413.67			06-Jul-16		

2. Anticipated Availability/Generation Assessment 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
		11-May-17		
1	KTPS (1240/1240)	270.00	270.00	247.67
2	STPS (1500/1500)	165.00	220.00	185.48
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	40.00	6.00	21.48
5	RAPP-A(200/200)	38.00	38.00	41.32
6	MAHI (140/140)	0.00	0.00	0.97
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)	91.00	108.00	86.33
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	528.00	424.00	358.27
11	WIND FARM (3980.40/4119.15)	120.00	180.00	181.76
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	-51.48	-58.40	-58.64
16	BIOMASS – (101.95/119.25)	3.00	6.00	2.93
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.53
18	RAJWEST (1080/1080)	201.00	201.00	158.63
	TOTAL (A) : 1-18	1430.52	1420.60	1251.73
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.16	26.43	26.55
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	14.99	13.25	13.25
	TOTAL : a TO c	64.11	62.64	62.76
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	78.80	73.06	69.32
e)	RIHAND (310.24/3000)	90.19	87.54	88.55
f)	UNCHAHAHAR-I(20/420)	0.41	0.25	2.48
g)	UNCHAHAHAR-II& III(61/630)	8.66	6.28	11.28
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	6.43	0.45
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.54	0.00	3.94
j)	DADRI GAS (77/830)	7.71	7.91	6.26
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	3.41	3.07	2.81
m)	NAPP (44/440)	11.09	11.09	11.09
n)	RAPP-B (125/440)	30.83	30.83	30.83
o)	RAPP-C (88/440)	22.73	22.44	22.44
p)	SALAL (20.36/690)	4.70	4.70	4.70
q)	URI (70.37/720)	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.78	0.64	0.80
s)	CHAMERA –I (105.84/540)	22.54	25.15	25.15
t)	CHAMERA-II (29.01/300)	8.88	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.14	7.25	7.03
v)	DHAULIGANGA (27/280)	4.20	3.53	4.07
w)	DULHASTI (42.42/390)	12.02	10.62	9.87
x)	SEWA (13/120)	3.70	2.59	2.72
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	37.19	40.37
z)	TEHRI (75/1000)	3.92	3.92	3.92
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	16.39	13.41	18.29
ab)	TALA	0.71	0.86	0.86
ac)	MUNDRA UMPP (380/4000)	71.52	72.00	72.00
ad)	SASAN (372/3960)	73.09	63.67	56.59
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.75	20.33	13.71
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	633.08	604.19	599.07
	LOSSES	-20.66	-16.20	-23.99
	NET SCHEDULED	612.42	587.99	575.08
21	BILATERAL (REG.) EXCL. BANKING	23.53	23.86	21.91
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.43	52.90	57.43
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	51.48	58.40	58.64
25	INDIAN ENERGY EXCHANGE	-43.62	-2.69	-2.69
	TOTAL(B): (19 TO 25)	701.25	724.98	710.37
	TOTAL GENERATION (A +B) : 1 TO 25			1962.09
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.22
	GRAND TOTAL	2131.77	2145.59	1961.87
	LAST YEAR	2090.79	2022.13	1876.43

3.SYSTEM PARAMETERS AS ON 11-May-17

MAXIMUM DRAWL ON 11-May-17	9360 MW at 23.15-23.30 Hrs 49.91 HZ
MINIMUM DRAWL ON 11-May-17	6741 MW at 18.30-18.45 Hrs 49.98 HZ
Max U/D of the day	457 MW at 05.15-05.30 Hrs 49.99 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	17
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	57
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	8
No. of Blocks in which Freq. >= 50.00 & <50.05 HZ	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	1
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	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 HZ	2
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	11-May-17 49.95 HZ
Max O/D of the day	563 MW at 07.45-08.00 Hrs 49.98 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	18.45
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.52
ABOVE 50.05 HZ	10.03
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	45
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.	12-May-17	12-May-16	11-May-17	11-May-17
Gandhi Sagar (Ft.)	1312	1250	1295.79	1287.73	NIL	407
R.P.Sagar (Ft.)	1157.5	1128	1137.28	1140.15	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.80	974.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	853.40	850.40		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	NA	NA	NA	NA
Dehar (Ft.)	2941	2900	NA	NA	NA	NA
Pong(Ft.)	1421	1260	NA	NA	NA	NA
Mahi-I (Mts.)	281.5	259	269.25	266.50	407	NIL
Mahi-II (Mts.)	220.5	217	218.55	217.90	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
12-May-17	KTPS	419009	21 DAYS
	STPS	243980	10 DAYS
	CHHABRA	77174	10 DAYS
	KALISINDH	31963	2.5 DAYS

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

12-May-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			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCPP	HRS01	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVNL)
DCPP	GT01	110.00	100	24.00	100	08-May-16	11.05			M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
DCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	6	250.00	229	55.00	229	10-May-17	16.42			BOXED UP
STPS	5	250.00	229	55.00	229	10-May-17	17.00			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		955.00	828.00	198.80	828.00					
CENTRAL SECTOR										
AURAYYA	GT02	111.19	18	4.40	18	09-Sep-16	4.25			LESS GAS AVAILABILITY
ANTA	GT01	88.71	31	7.50	31	18-Nov-16	14.28			LESS GAS AVAILABILITY
ANTA	GT02	88.71	31	7.50	31	15-Mar-17	19.03			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT04	153.20	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYYA	GT05	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYYA	GT01	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
DADRI	GT04	130.19	22	5.30	22	20-Mar-17	8.00			LESS GAS AVAILABILITY
SINGRAULI	1 @	200.00	34	8.20	34	20-Mar-17	0.38			ANNUAL MAINTENANCE
RIBAND	4 @	500.00	59	14.20	59	02-Apr-17	22.31			ANNUAL MAINTENANCE
DADRI	GT06	154.51	16	3.90	16	06-Apr-17	0.05			LESS GAS AVAILABILITY
DADRI	GT05	154.51	16	3.90	16	16-Apr-17	0.23			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1890.22	322.00	77.90	322.00					
(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 COOLAR-I
BARSINGSAR	2	125.00	110	26.40	110	01-May-17	16.12	13-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	28.68	120	02-May-17	3.01	16-May-17		BED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	14-May-17		COAL FEEDING PROBLEM
RAMGARH	GT03	110.00	100	0.00	0	05-May-17	19.50	11-May-17	10.05	VOLTAGE JERK
RAMGARH	STGT02	50.00	40	0.00	0	05-May-17	19.46	11-May-17	21.02	VOLTAGE JERK
RAMGARH	STGT01	37.50	10	3.00	10	07-May-17	14.02	12-May-17		GRID FAILURE
CHHABRA	4	250.00	225	54.00	225	07-May-17	18.55	14-May-17		COAL FEEDING PROBLEM
ADANI	1	600.00	600	35.28	0	08-May-17	0.49	12-May-17	5.53	FEED REGULATING STATION VALVE STUCK-UP
RAMGARH	GT02	37.50	29	7.00	29	10-May-17	12.35	12-May-17		GEAR BOX PROBLEM
RAMGARH	GT01	37.50	29	0.00	0	11-May-17	1.21	11-May-17	5.32	GENERATOR BREAKER TRIP
STPS	1	250.00	229	55.00	229	11-May-17	20.57	14-May-17		DRUM LEVEL LOW
TOTAL STATE FORCE OUTAGE		2067.50	1787.00	280.16	1018.00					
CENTRAL SECTOR										
BOILER TUBE LEAKAGE										
Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00					
G.TOTAL				280.16	1018.00					

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 (\$).