



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

Power Position 11-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		
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	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								
12-May-17										
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										
01-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	1.49	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	1974.53	2022.26	1889.18	1848.12	21.10	5.26	8881.20	8687.90	49.96	131.26
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
		10-May-17		
1	KTPS (1240/1240)	270.00	273.00	239.18
2	STPS (1500/1500)	220.00	324.00	240.84
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	6.00	7.00	6.89
5	RAPP-A(200/200)	38.00	38.00	41.17
6	MAHI (140/140)	0.00	0.00	0.00
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)	108.00	108.00	92.07
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	284.00	288.79
11	WIND FARM (3980.40/4119.15)	180.00	190.00	164.11
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	-58.40	-48.91	-48.91
16	BIOMASS – (101.95/119.25)	6.00	7.00	5.90
17	BARSINGH SAR LTPS(250/250)	26.00	26.00	25.54
18	RAJWEST (1080/1080)	201.00	201.00	167.36
	TOTAL (A) : 1-18	1420.60	1409.09	1222.93
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.43	27.46	27.14
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	13.25	13.25	13.25
	TOTAL : a TO c	62.64	63.67	63.35
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	73.06	78.80	69.85
e)	RIHAND (310.24/3000)	87.54	89.59	81.69
f)	UNCHAHAAR-I(20/420)	0.25	3.09	1.76
g)	UNCHAHAAR-II& III(61/630)	6.28	12.29	7.58
h)	INDIRA GANDHI STPS(JHA,JHAR) 0.00/1500)	6.43	0.00	0.23
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	0.00	2.81	3.12
j)	DADRI GAS (77/830)	7.91	7.92	5.65
k)	ANTA (83.07/419)	0.00	0.43	0.43
l)	AURAIYA (61.03/663)	3.07	3.38	3.15
m)	NAPP (44/440)	11.09	10.88	10.88
n)	RAPP-B (125/440)	30.83	30.83	30.83
o)	RAPP-C (88/440)	22.44	22.44	22.44
p)	SALAL (20.36/690)	4.70	4.71	4.70
q)	URI (70.37/720)	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.64	0.62	0.78
s)	CHAMERA –I (105.84/540)	25.15	19.60	19.60
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.25	7.23	7.23
v)	DHAULIGANGA (27/280)	3.53	3.54	3.71
w)	DULHASTI (42.42/390)	10.62	12.09	12.09
x)	SEWA (13/120)	2.59	3.24	2.59
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	37.19	37.19	40.19
z)	TEHRI (75/1000)	3.92	3.92	3.92
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	13.41	14.05	19.76
ab)	TALA	0.86	0.86	0.86
ac)	MUNDRA UMP (380/4000)	72.00	68.12	66.62
ad)	SASAN (372/3960)	63.67	73.20	64.81
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.33	20.33	15.09
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	604.19	621.61	589.70
	LOSSES	-16.20	-16.73	-23.63
	NET SCHEDULED	587.99	604.88	566.07
21	BILATERAL (REG.) EXCL. BANKING	23.86	22.61	23.00
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.43	49.06	52.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	58.40	48.91	48.91
25	INDIAN ENERGY EXCHANGE	-2.69	-4.90	-4.90
	TOTAL(B): (19 TO 25)	724.98	726.54	685.49
	TOTAL GENERATION (A +B) : 1 TO 25			1908.42
	OVER DRAWAL (+)/UNDER DRAWAL (-)			20.60
	GRAND TOTAL	2145.59	2135.63	1929.02
	LAST YEAR	2022.13	2092.96	1829.76

3. SYSTEM PARAMETERS AS ON 10-May-17

MAXIMUM DRAWL ON 10-May-17	8866 MW at 07.15-07.30 Hrs 50.07 Hz
MINIMUM DRAWL ON 10-May-17	6291 MW at 18.15-18.30 Hrs 50.02 Hz
Max U/D of the day	493 MW at 16.15-16.30 Hrs 49.95 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	56
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
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 10-May-17	49.98 Hz
Max O/D of the day	680 MW at 17.00-17.15 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.20
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.89
ABOVE 50.05 HZ	18.91
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	11-May-17	11-May-16	10-May-17	10-May-17
Gandhi Sagar (Ft.)	1312	1250	1295.81	1287.81	NIL	407
R.P.Sagar (Ft.)	1157.5	1128	1137.30	1140.99	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.80	974.00	NIL	104
Kota Barrage(Ft.)	854.5	852.3	853.40	850.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1534.15	NA	23191	21949
Dehar (Ft.)	2941	2900	2932.88	NA	5975	7165
Pong(Ft.)	1421	1260	1297.05	NA	6256	1149
Mahi-I (Mts.)	281.5	259	269.65	266.50	407	NIL
Mahi-II (Mts.)	220.5	217	218.70	217.95	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
11-May-17	KTPS	436593	22 days
	STPS	255877	10 days
	CHHABRA	76713	10 days
	KALISINDH	35007	2.5 days

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

11-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)
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			MUT 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	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

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
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
DABRI	GT#4	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
DABRI	GT#6	154.51	16	3.90	16	06-Apr-17	0.05			LESS GAS AVAILABILITY
DABRI	GT#5	154.51	16	3.90	16	16-Apr-17	0.23			LESS GAS AVAILABILITY
Total(A) 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
BARINGSAR	2	125.00	110	26.40	110	01-May-17	16.12	12-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	28.68	120	02-May-17	3.01	12-May-17		BED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	11-May-17		COAL FEEDING PROBLEM
KALISINDH	2	600.00	565	0.00	0	03-May-17	1.02	10-May-17	12.11	SHORTAGE OF COAL
RAMGARH	GT#3	110.00	100	24.00	100	05-May-17	19.50	11-May-17		VOLTAGE JERK
RAMGARH	STG#2	50.00	40	9.60	40	05-May-17	19.46	11-May-17		VOLTAGE JERK
RAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	11-May-17		GRID FAILURE
CHHABRA	4	250.00	225	54.00	225	07-May-17	18.55	11-May-17		COAL FEEDING PROBLEM
ADANI	1	660.00	600	144.00	600	08-May-17	0.49	11-May-17		FEED REGULATING STATION VALVE STUCK-UP
RAMGARH	GT#2	37.50	29	0.00	0	09-May-17	21.30	10-May-17	13.12	DESYNCHRONIZED DUE TO OIL LEAKAGE IN ACCESSORIES GEAR BOX
RAMGARH	GT#2	37.50	29	7.00	29	10-May-17	13.35	11-May-17		GEAR BOX PROBLEM
KTPS	6	195.00	175	0.00	0	10-May-17	17.29	10-May-17	19.52	COLD GAS TEMP. HIGH
RAMGARH	GT#1	37.50	29	1.22	0	11-May-17	1.21	11-May-17	5.32	GENERATOR BREAKER TRIP
TOTAL STATE FORCE OUTAGE		2650.00	2327.00	368.70	1529.00					

CENTRAL SECTOR

Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00					BOILER TUBE LEAKAGE
G.TOTAL				368.70	1529.00					

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 (\$).