



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

Power Position 16-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										
1-May-17	1837.16	2036.12	1833.87	1885.79	22.71	18.10	8892	8719	49.99	135.04
2-May-17	1849.34	2032.84	1823.88	1891.60	28.21	9.22	8587	8883	49.92	154.65
3-May-17	1603.25	2007.99	1665.22	1877.74	49.01	11.51	7838	9026	49.89	73.67
4-May-17	1782.60	2012.54	1919.59	1941.24	38.13	5.30	8953	8793	49.96	49.55
5-May-17	1979.93	2006.33	1990.19	1728.63	1.86	-25.93	9488	8586	49.95	80.75
6-May-17	2125.12	1998.98	1982.31	1716.68	1.49	20.46	9243	8438	49.96	126.47
7-May-17	2152.19	1999.74	1889.27	1878.18	16.89	12.33	8986	9024	49.98	166.18
8-May-17	1981.55	2036.87	1900.90	1863.74	19.13	10.81	8876	8623	49.98	155.70
9-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	2040.20	1930.77	-6.21	-12.23	9393	9169	49.93	111.60
13-May-17	2132.40	2115.00	2106.98	1922.65	7.12	3.40	10030	9213	49.97	125.20
14-May-17	2277.47	2131.90	2036.35	1993.35	19.40	5.84	9818	9175	49.92	217.40
15-May-17	2231.94	2116.50	2083.11	1964.62	29.63	12.39	9956	9075	50.01	266.44
16-May-17	2228.76	2041.04								
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	2277.47	2131.90	2106.98	1993.35	49.01	20.46	10030.00	9213.00	50.01	266.44
MIN OF THE MONTH	1603.25	1998.34	1665.22	1716.68	-6.21	-25.93	7838.00	8312.00	49.89	49.55
AVERAGE	2045.14	2046.25	1941.35	1877.93	17.25	5.41	9157.93	8820.93	49.96	147.67
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2106.98	13-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10030	(23.15-23.30 Hrs.)	13-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	6-Jul-16		

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
		15-May-17		
1	KTPS (1240/1240)	271.00	271.00	233.06
2	STPS (1500/1500)	110.00	110.00	96.63
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	48.00	47.00	44.10
5	RAPP-A(200/200)	38.00	38.00	41.42
6	MAHI (140/140)	0.00	0.00	1.00
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)	107.00	107.00	95.46
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	564.00	564.00	484.32
11	WIND FARM (3980.40/4119.15)	200.00	250.00	266.44
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.67
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	-35.44	-42.01	-41.97
16	BIOMASS – (101.95/119.25)	8.00	9.00	8.03
17	BARSINGHAR LTPS(250/250)	26.00	26.00	22.60
18	RAJWEST (1080/1080)	201.00	201.00	168.43
	TOTAL (A) : 1-18	1537.56	1580.99	1421.20
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.77	26.02	26.45
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	12.64	11.94	12.79
	TOTAL : a TO c	62.37	60.92	62.21
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.21	78.08	72.06
e)	RIHAND (310.24/3000)	106.51	89.13	94.51
f)	UNCHAHAHAR-I(20/420)	0.88	0.00	0.00
g)	UNCHAHAHAR-II& III(61/630)	3.38	0.01	0.01
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.92	0.00	0.00
j)	DADRI GAS (77/830)	1.94	8.07	4.32
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	1.04	5.11	2.93
m)	NAPP (44/440)	6.08	6.08	6.08
n)	RAPP-B (125/440)	30.58	30.83	30.83
o)	RAPP-C (88/440)	23.29	22.56	22.56
p)	SALAL (20.36/690)	4.22	4.69	4.43
q)	URI (70.37/720)	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.93	0.80	1.06
s)	CHAMERA –I (105.84/540)	25.15	19.60	19.53
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.23	7.14	7.23
v)	DHAULIGANGA (27/280)	5.37	5.18	5.20
w)	DULHASTI (42.42/390)	12.09	12.02	12.08
x)	SEWA (13/120)	2.59	2.92	2.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	40.37	40.37
z)	TEHRI (75/1000)	4.90	4.90	4.45
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	18.74	22.21	27.74
ab)	TALA	0.69	0.69	0.69
ac)	MUNDRA UMPP (380/4000)	72.24	72.00	72.00
ad)	SASAN (372/3960)	59.13	70.31	67.16
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.44	20.33	10.50
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	625.08	610.74	597.65
	LOSSES	-20.01	-19.25	-24.80
	NET SCHEDULED	605.07	591.48	572.85
21	BILATERAL (REG.) EXCL. BANKING	24.07	24.07	24.07
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.24	42.70	57.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	35.44	42.01	41.97
25	INDIAN ENERGY EXCHANGE	-30.62	-63.85	-63.85
	TOTAL(B): (19 TO 25)	691.19	650.95	632.28
	TOTAL GENERATION (A +B) : 1 TO 25			2053.47
	OVER DRAWAL (+)/UNDER DRAWAL (-)			29.63
	GRAND TOTAL	2228.76	2231.94	2083.11
	LAST YEAR	2041.04	2116.50	1964.62

3. SYSTEM PARAMETERS AS ON 15-May-17

MAXIMUM DRAWL ON 15-May-17	9956 MW at 23.15-23.30 Hrs 50.03 Hz
MINIMUM DRAWL ON 15-May-17	6999 MW at 18.30-18.45 Hrs 50.02 Hz
Max U/D of the day	392 MW at 20.00-20.15 Hrs 50.03 Hz
Max. OD 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	33
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	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	12
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	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	16-May-17	16-May-16		
Gandhi Sagar (FL)	1312	1250	1295.71	1287.38	NIL	407
R.P.Sagar (Ft.)	1157.5	1128	1137.18	1140.36	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.50	972.80	NIL	NA
Kota Barrage(FL)	854.5	852.3	853.00	851.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1534.80	NA	22849	25333
Dehar (Ft.)	2941	2900	2930.70	NA	6161	8320
Pong(Ft.)	1421	1260	1296.09	NA	6003	4599
Mahi-I (Mts.)	281.5	259	269.65	266.45	520	NIL
Mahi-II (Mts.)	220.5	217	218.80	217.90	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	15-May-17	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	489 MW at 02.45-03.00 Hrs 50.00 Hz		16/May/17	KTPS	349703	17.5 days
Frequency Profile	% of Time			STPS	210390	8.5 days
LESS THAN 49.7 HZ	0.00			CHHABRA	56972	8 days
LESS THAN 49.90 HZ	3.96			KALISINDH	23668	2 days
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.09					
ABOVE 50.05 HZ	23.95					
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					

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

16/May/17

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	3-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	8-May-16	11.05		MT AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 91.00 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	0.00	0	10-May-17	16.42	15-May-17	12.29	BOXED UP
STPS	5*	250.00	229	55.00	229	10-May-17	17.00		BOXED UP	
STPS	1	250.00	229	55.00	229	11-May-17	20.57		DRUM LEVEL LOW(PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RUVNL ON DT. 13.05.17)	
STPS	4*	250.00	229	55.00	229	15-May-17	18.15		BOXED UP	
Total(A) STATE SECTOR- PLANNED OUTAGE		1455.00	1286.00	253.80	1057.00					

CENTRAL SECTOR

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	109.20	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
DADRI	GT#4	130.19	22	5.30	22	20-Mar-17	8.00		LESS GAS AVAILABILITY
SINGRAULI	1 @	200.00	34	8.20	34	30-Mar-17	0.38		ANNUAL MAINTENANCE
RIBAND	4 @	500.00	59	14.20	59	2-Apr-17	22.31		ANNUAL MAINTENANCE
DADRI	GT#6	154.51	16	3.90	16	6-Apr-17	0.05		LESS GAS AVAILABILITY
DADRI	GT#5	154.51	16	3.90	16	16-Apr-17	0.23		LESS GAS AVAILABILITY
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE		1779.03	304.00	73.50	304.00				

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	NET ALLOC/ AVAIL. (MW)	NET ALLOC/ AVAIL. (MW)	DATE	TIME	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	1-Jun-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
BARSINGAR	2	125.00	110	26.40	110	1-May-17	16.12	18-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	28.68	120	2-May-17	3.01	16-May-17		BED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	2-May-17	16.51	18-May-17		COAL FEEDING PROBLEM
RAMGARH	STG#1	37.50	10	3.00	10	7-May-17	14.02	16-May-17		GRID FAILURE
CHHABRA	4	250.00	225	54.00	225	7-May-17	18.55	18-May-17		COAL FEEDING PROBLEM
STPS	3	250.00	229	55.00	229	14-May-17	23.47	16-May-17		BOILER SIDE PROBLEM
TOTAL STATE FORCE OUTAGE		1172.50	989.00	237.88	989.00					

CENTRAL SECTOR

CENTRAL SECTOR										
Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00					BOILER TUBE LEAKAGE
G.TOTAL				237.88	989.00					

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 (\$).