



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

Power Position 15-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	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								
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	2277.47	2131.90	2106.98	1993.35	49.01	20.46	10030.00	9213.00	49.99	217.40
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	2032.90	2046.60	1931.23	1871.74	16.36	4.91	9100.93	8802.79	49.96	139.19
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				06-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	271.00	270.00	257.67	271.00	271.00	262.07	271.00	271.00	228.13
2	STPS (1500/1500)	165.00	165.00	146.48	165.00	165.00	140.85	110.00	165.00	130.12
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	40.00	42.15	40.00	43.00	45.20	47.00	40.00	45.35
5	RAPP-A(200/200)	38.00	38.00	41.35	38.00	38.00	41.66	38.00	38.00	41.53
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	91.00	103.67	107.00	108.00	92.85	107.00	107.00	87.90
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	564.00	528.00	466.26	564.00	564.00	547.66	564.00	564.00	471.25
11	WIND FARM (3980.40/4119.15)	90.00	120.00	111.60	190.00	90.00	125.20	250.00	190.00	217.40
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-39.89	-51.48	-47.95	-47.29	-39.89	-39.99	-42.01	-47.29	-47.29
16	BIOMASS – (101.95/119.25)	5.00	3.00	5.04	7.00	5.00	6.56	9.00	7.00	9.06
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.28	26.00	26.00	25.95	26.00	26.00	25.68
18	RAJWEST (1080/1080)	201.00	201.00	203.63	201.00	201.00	195.31	201.00	201.00	137.34
	TOTAL (A) : 1-18	1471.11	1430.52	1356.18	1561.71	1471.11	1444.30	1580.99	1561.71	1347.86
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	25.91	26.16	26.09	25.82	25.91	25.72	26.02	25.82	25.61
b)	DEHAR (198/ 990)	22.96	22.96	22.96	22.96	22.96	22.96	22.96	22.96	22.96
c)	PONG (231.66/396)	14.36	14.99	14.99	13.85	14.36	13.95	11.94	13.85	13.47
	TOTAL : a TO c	63.22	64.11	64.03	62.63	63.22	62.63	60.92	62.63	62.04
20	CENTRAL STATIONS									
d)	SINGRAULI (300/2000)	78.80	78.80	78.80	78.08	78.80	78.07	78.08	78.08	67.50
e)	RIHAND (310.24/3000)	89.88	90.19	90.09	89.07	89.88	86.31	89.13	89.07	79.81
f)	UNCHAHAAR-I(20/420)	0.94	0.41	2.21	0.00	0.94	2.70	0.00	0.00	0.47
g)	UNCHAHAAR-II& III(61/630)	4.25	8.66	11.70	0.58	4.25	12.27	0.01	0.58	4.05
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	3.16	0.00	0.01	0.00	3.16	1.73
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.49	0.54	3.71	0.00	1.49	6.06	0.00	0.00	1.09
j)	DADRI GAS (77/830)	8.24	7.71	7.32	9.10	8.24	7.13	8.07	9.10	7.81
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	3.30	3.41	3.82	3.52	3.30	3.19	5.11	3.52	3.28
m)	NAPP (44/440)	6.74	11.09	11.09	6.08	6.74	6.74	6.08	6.08	6.08
n)	RAPP-B (125/440)	30.83	30.83	30.83	30.83	30.83	30.83	30.83	30.83	30.83
o)	RAPP-C (88/440)	22.56	22.73	22.73	22.56	22.56	22.56	22.56	22.56	22.56
p)	SALAL (20.36/690)	4.70	4.70	4.67	4.69	4.70	4.70	4.69	4.69	4.69
q)	URI (70.37/720)	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90
r)	TANAKPUR (10.86/94)	0.80	0.78	0.78	0.87	0.80	0.85	0.80	0.87	1.06
s)	CHAMERA-I (105.84/540)	18.62	22.54	22.54	15.68	18.62	18.62	19.60	15.68	15.72
t)	CHAMERA-II (29.01/300)	8.89	8.88	8.88	8.69	8.89	8.89	8.90	8.69	8.85
u)	CHAMERA-III (25.21/231)	7.13	7.14	7.14	7.13	7.13	7.13	7.14	7.13	7.13
v)	DHAULIGANGA (27/280)	4.12	4.20	4.35	4.53	4.12	5.13	5.18	4.53	4.76
w)	DULHASTI (42.42/390)	12.01	12.02	12.07	12.01	12.01	10.70	12.02	12.01	12.07
x)	SEWA (13/120)	3.70	3.70	3.70	2.92	3.70	3.70	2.92	2.92	2.92
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	40.37	40.37	40.37	37.19	40.37	40.16	40.37	37.19	40.35
z)	TEHRI (75/1000)	4.36	3.92	3.74	4.09	4.36	4.36	4.90	4.09	4.09
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	15.22	16.39	22.46	22.20	15.22	20.84	22.21	22.20	27.55
ab)	TALA	0.62	0.71	0.71	0.69	0.62	0.62	0.69	0.69	0.69
ac)	MUNDRA UMPP (380/4000)	71.52	71.52	71.52	72.00	71.52	69.46	72.00	72.00	66.75
ad)	SASAN (372/3960)	87.48	73.09	77.26	71.08	87.48	78.19	70.31	71.08	60.46
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.03	26.75	25.83	21.25	29.03	26.03	20.33	21.25	7.55
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	636.72	633.08	650.25	608.53	636.72	635.77	610.74	608.53	569.79
	LOSSES	-20.62	-20.66	-26.07	-16.02	-20.62	-25.50	-19.25	-16.02	-22.75
	NET SCHEDULED	616.10	612.42	624.17	592.52	616.10	610.27	591.48	592.52	547.04
21	BILATERAL (REG.) EXCL. BANKING	24.09	23.53	24.62	26.17	24.09	24.09	24.07	26.17	26.17
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	57.43	42.98	37.10	57.43	42.89	57.43	57.24	42.95	56.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	39.89	51.48	47.95	47.29	39.89	39.99	42.01	47.29	47.29
25	INDIAN ENERGY EXCHANGE	-76.22	-43.62	-43.62	-7.65	-76.22	-76.22	-63.85	-7.65	-7.65
	TOTAL(B): (19 TO 25)	661.29	701.25	690.23	715.76	661.29	655.56	650.95	715.76	669.09
	TOTAL GENERATION (A +B) : 1 TO 25			2046.41			2099.86			2016.95
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.21			7.12			19.40
	GRAND TOTAL	2132.40	2131.77	2040.20	2277.47	2132.40	2106.98	2231.94	2277.47	2036.35
	LAST YEAR	2115.00	2090.79	1930.78	2131.90	2115.00	1922.65	2116.50	2131.90	1993.36

3.SYSTEM PARAMETERS AS ON 14-May-17

MAXIMUM DRAWL ON 14-May-17	9818 MW at 00.00-00.15 Hrs 49.92 Hz
MINIMUM DRAWL ON 14-May-17	6690 MW at 18.15-18.30 Hrs 50.05 Hz
Max U/D of the day	399 MW at 21.45-22.00 Hrs 50.01 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	40
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	3
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.	15-May-17	15-May-16		
Gandhi Sagar (Ft.)	1312	1250	1295.70	1287.47	NIL	407
R.P.Sagar (Ft.)	1157.5	1128	1137.20	1140.26	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.50	974.20	NIL	NA
Kota Barrage(Ft.)	854.5	852.3	853.40	849.90		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1534.41	1560.39	21176	25193
Dehar (Ft.)	2941	2900	2934.58	2923.62	6144	8867
Pong(Ft.)	1421	1260	1296.20	1288.53	5711	3158
Mahi-I (Mts.)	281.5	259	269.65	266.45	N/A	NIL
Mahi-II (Mts.)	220.5	217	218.50	217.90	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	14-May-17	50.00 Hz
Max O/D of the day	532 MW at 03.30-03.45 Hrs 50.01 Hz	
Frequency Profile	% of Time	
LESS THAN 49.7 HZ	0.00	
LESS THAN 49.90 HZ	3.96	
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	

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
15-May-17	KTPS	366191	18.5 days
	STPS	216761	8.5 days
	CHHABRA	63419	8.5 days
	KALISINDH	25146	2 days

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

15-May-17

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC / AVAIL. (MW)				DATE		TIME		EXPECT./REVIVAL		REASON OF OUTAGE
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	HRS01	55.00	50	12.00	50	03-Oct-15	22.35					DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY REVM.)	
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	HRS02*	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	
STPS	1	250.00	229	55.00	229	11-May-17	20.57					DRUM LEVEL LOW(PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY REVM.ON DT. 13.05.17)	
Total(A) STATE SECTOR- PLANNED OUTAGE		1205.00	1057.00	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	109.30	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
DADBRI	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
RIHAND	4 @	500.00	59	14.20	59	02-Apr-17	22.31					ANNUAL MAINTENANCE
DADBRI	GT#6	154.51	16	3.90	16	06-Apr-17	0.05					LESS GAS AVAILABILITY
DADBRI	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

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 COOLANT
BARSINGSAR	2	125.00	110	26.40	110	01-May-17	16.12	18-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	18-May-17				COAL FEEDING PROBLEM
RAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	15-May-17				GRID FAILURE
CHHABRA	4	250.00	225	54.00	225	07-May-17	18.55	18-May-17				COAL FEEDING PROBLEM
RAMGARH	GT#1	35.50	29	0.00	0	14-May-17	3.57	14-May-17	10.30			DRUM LEVEL LOW
STPS	3	250.00	229	55.00	229	14-May-17	23.47	15-May-17				GENERATOR BREAKER TRIP
TOTAL STATE FORCE OUTAGE		1208.00	1018.00	237.88	989.00							

CENTRAL SECTOR

												BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		0.00	0.00	0.00	0.00							
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 (S).