



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

<b>Power Position 24-May-17</b>	<b>Point No.</b>
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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	<b>2106.98</b>	1922.65	7.12	3.40	<b>10030</b>	9213	49.97	125.20
14-May-17	<b>2277.47</b>	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	2016.63	1940.25	7.64	27.99	9649	8928	49.99	164.46
17-May-17	2082.03	2161.73	1846.51	1989.82	44.70	6.98	9022	9472	49.98	163.10
18-May-17	1998.98	2060.55	1930.20	2051.86	38.06	27.84	8912	9508	49.98	266.76
19-May-17	2122.39	2048.30	1887.98	<b>2090.18</b>	46.63	27.80	8724	<b>9690</b>	49.99	<b>381.53</b>
20-May-17	1940.83	2114.26	1834.29	2076.07	<b>57.70</b>	<b>33.29</b>	8900	9538	49.98	338.30
21-May-17	1598.99	2206.04	1699.47	2033.25	43.05	11.25	8326	9329	<b>50.02</b>	341.11
22-May-17	1781.03	<b>2336.19</b>	1640.10	1977.18	17.84	6.67	8689	9085	49.98	137.93
23-May-17	1829.87	2192.33	1886.00	1870.49	26.70	14.25	9057	8914	49.96	140.45
24-May-17	1828.37	1559.49								
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	<b>2277.47</b>	<b>2336.19</b>	<b>2106.98</b>	<b>2090.18</b>	<b>57.70</b>	<b>33.29</b>	<b>10030.00</b>	<b>9690.00</b>	<b>50.02</b>	<b>381.53</b>
MIN OF THE MONTH	<b>1598.99</b>	<b>1559.49</b>	<b>1640.10</b>	<b>1716.68</b>	<b>-6.21</b>	<b>-25.93</b>	<b>7838.00</b>	<b>8312.00</b>	<b>49.89</b>	<b>49.55</b>
AVERAGE	<b>1996.03</b>	<b>2059.12</b>	<b>1907.02</b>	<b>1921.66</b>	<b>23.52</b>	<b>10.31</b>	<b>9071.65</b>	<b>8990.35</b>	<b>49.97</b>	<b>180.38</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							<b>2106.98</b>	<b>13-May-17</b>		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							<b>10030</b>	(23.15-23.30 Hrs.)	<b>13-May-17</b>	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							<b>2138.32</b>	<b>20-Sep-16</b>		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							<b>10322</b>	(07.00-07.15Hrs.)	<b>ON 16-02-17</b>	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							<b>445.99</b>	<b>22-Apr-17</b>		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							<b>413.67</b>	<b>06-Jul-16</b>		

**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
		23-May-17		
1	KTPS (1240/1240)	217.00	130.00	165.15
2	STPS (1500/1500)	55.00	51.00	46.52
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	12.00	8.86
5	RAPP-A(200/200)	38.00	38.00	41.36
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)	156.00	161.00	152.57
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	423.60	458.00	451.27
11	WIND FARM (3980.40/4119.15)	60.00	130.00	140.45
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	-75.47	-76.68	-76.68
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.73
17	BARSINGHSAR LTTPS(250/250)	26.00	26.00	25.74
18	RAJWEST (1080/1080)	172.00	172.00	167.68
	<b>TOTAL (A) : 1-18</b>	<b>1108.13</b>	<b>1106.32</b>	<b>1127.65</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.02	24.62	25.02
b)	DEHAR (198/ 990)	22.96	22.96	22.96
c)	PONG (231.66/396)	9.47	11.43	9.54
	<b>TOTAL : a TO c</b>	<b>57.44</b>	<b>59.01</b>	<b>57.52</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	85.29	85.29	85.29
e)	RIHAND (310.24/3000)	106.51	106.51	106.51
f)	UNCHAHAH-I(20/420)	2.34	1.64	4.09
g)	UNCHAHAH-II& III(61/630)	13.24	6.55	15.77
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.22	0.22
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	12.28	5.08	10.58
j)	DADRI GAS (77/830)	7.89	3.06	7.18
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)	11.14	11.14	11.14
n)	RAPP-B (125/440)	31.09	30.66	30.66
o)	RAPP-C (88/440)	0.23	22.44	22.44
p)	SALAL (20.36/690)	4.69	4.69	4.67
q)	URI (70.37/720)	12.08	17.90	17.90
r)	TANAKPUR (10.86/94)	0.90	0.92	0.87
s)	CHAMERA –I (105.84/540)	20.58	21.56	21.56
t)	CHAMERA-II (29.01/300)	8.90	8.90	8.90
u)	CHAMERA-III (25.21/231)	7.23	7.13	6.75
v)	DHAULIGANGA (27/280)	3.42	3.60	3.27
w)	DULHASTI (42.42/390)	12.09	12.09	12.09
x)	SEWA (13/120)	2.27	2.59	1.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	37.19	40.37	40.37
z)	TEHRI (75/1000)	6.41	6.41	6.41
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	16.39	19.91	21.66
ab)	TALA	1.31	1.33	1.33
ac)	MUNDRA UMPP (380/4000)	36.24	54.72	54.72
ad)	SASAN (372/3960)	72.84	72.84	71.70
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.71	28.36	28.11
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	599.68	634.90	653.64
	LOSSES	-17.24	-21.79	-28.39
	<b>NET SCHEDULED</b>	<b>582.44</b>	<b>613.11</b>	<b>625.25</b>
21	BILATERAL (REG.) EXCL. BANKING	22.68	24.00	19.96
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	43.00	38.86	43.00
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	75.47	76.68	76.68
25	INDIAN ENERGY EXCHANGE	-3.35	-33.24	-33.24
	<b>TOTAL(B): (19 TO 25)</b>	<b>720.24</b>	<b>723.55</b>	<b>731.65</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1859.30</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			26.70
	<b>GRAND TOTAL</b>	<b>1828.37</b>	<b>1829.87</b>	<b>1886.00</b>
	LAST YEAR	1559.49	2192.33	1870.49

## 3. SYSTEM PARAMETERS AS ON 23-May-17

MAXIMUM DRAWL ON 23-May-17	9057 MW at 23.15-23.30 Hrs 49.96 Hz
MINIMUM DRAWL ON 23-May-17	6777 MW at 18.30-18.45 Hrs 49.99 Hz
Max O/D of the day	290 MW at 19.15-19.30 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	12
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	8
No. of Blocks in which Freq. >= 49.9 & < 50.0 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.0 Hz	13
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	21
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & < 50.10 Hz	0
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	23-May-17 49.96 Hz
Max O/D of the day	430 MW at 02.45-03.00 Hrs 49.94 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.9 HZ	16.04
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.90
ABOVE 50.05 HZ	9.06
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	25
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.	24-May-17	24-May-16		
Gandhi Sagar (Fl.)	1312	1250	1295.50	1286.88	NIL	83
R.P.Sagar (Fl.)	1157.5	1128	1136.69	1140.70	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	974.80	973.70	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	851.51	851.00		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1543.08	850.60	195187	2925
Dehar (Fl.)	2941	2900	2921.65	2930.77	6134	6169
Pong(Fl.)	1421	1260	1294.95	1285.88	4508	3614
Mahi-I (Mts.)	281.5	259	269.20	266.35	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.65	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
24-May-17	KTPS	259276	13 days
	STPS	184765	7.5 days
	CHHABRA	74141	10 days
	KALISINDH	60139	4 days

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

24-May-17

## (A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT/REVVVAL		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 (SD W.E.F.15.07.14)
BCCFP	HRSGL1	55.00	50	12.00	50	03-Oct-15	22.35			DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RUVAL)
BCCFP	GT01	110.00	100	24.00	100	08-May-16	11.85			MT AFTER CARBING-OIL PPS-TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
BCCFP	HRSGL2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP
BCCFP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP
STPS	5*	250.00	229	55.00	229	18-May-17	17.00			BOXED UP
STPS	1	250.00	229	55.00	229	11-May-17	20.57			BRIM LEVEL LOW (PERMISSION OF SYNCHRONIZATION IS NOT GRANTED BY RUVAL ON DT. 12.05.17)
STPS	4*	250.00	229	55.00	229	15-May-17	18.15			BOXED UP
STPS	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP
STPS	3	250.00	229	55.00	229	14-May-17	23.47			BOXED UP
KTPS	2*	110.00	100	23.00	100	19-May-17	13.52			BOXED UP
KTPS	1*	110.00	100	23.00	100	19-May-17	14.11			BOXED UP
KTPS	3*	210.00	192	0.00	0	19-May-17	16.57	23-May-17	20.50	BOXED UP
KTPS	4*	210.00	192	0.00	0	19-May-17	17.59	23-May-17	7.03	BOXED UP
Total(A) STATE SECTOR-PLANNED OUTAGE		2345.00	2099.00	409.80	1715.00					
CENTRAL SECTOR										
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	19.83			LESS GAS AVAILABILITY
ANTA	GT03	88.71	31	7.50	31	15-Mar-17	17.33			LESS GAS AVAILABILITY
ANTA	GT04	153.29	34	8.20	34	15-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	GT05	109.30	12	2.90	12	19-Mar-17	17.44			LESS GAS AVAILABILITY
AURAYA	GT01	111.19	18	4.40	18	19-Mar-17	17.53			LESS GAS AVAILABILITY
BABRI	GT04	130.19	22	5.30	22	28-Mar-17	8.00			LESS GAS AVAILABILITY
BABRI	GT06	154.51	16	3.90	16	06-Apr-17	0.85			LESS GAS AVAILABILITY
BABRI	GT05	154.51	16	3.90	16	16-Apr-17	0.23			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR-PLANNED OUTAGE		1079.03	211.00	51.10	211.00					
(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 COOLERS-I
BARNINGSAR	2	125.00	110	26.40	110	01-May-17	16.12	24-May-17		DESYNCHRONIZED DUE TO REFRACTORY MAINTENANCE WORK
RAJWEST	5	135.00	120	28.68	120	02-May-17	3.04	25-May-17		BED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	30-May-17		COAL FEEDING PROBLEM
RAMGARH	STG01	37.50	10	3.00	10	07-May-17	14.82	24-May-17		GRID FAILURE
RAMGARH	GT02	37.50	29	7.00	29	22-May-17	9.12	24-May-17		GRID FAILURE
RAJWEST	7	135.00	120	28.68	120	22-May-17	15.10	25-May-17		BED MATERIAL LEAKAGE
STPS	2	250.00	229	0.00	0	22-May-17	21.29	23-May-17	1.43	GT BUCHHOLZ RELAY OPERATED
RAMGARH	GT03	110.00	100	0.00	0	23-May-17	2.00	23-May-17	21.07	TURBINE COMPARTMENT VENT FAN FAILURE
RAMGARH	STG02	50.00	40	9.60	40	23-May-17	2.00	24-May-17		TURBINE COMPARTMENT VENT FAN FAILURE
KALISINDH	2	600.00	575	0.00	0	23-May-17	5.31	23-May-17	17.31	DESYNCHRONIZED DUE TO OIL LEAKAGE IN MOP LINE OF TURBINE
CHHABRA	4	250.00	225	0.00	0	23-May-17	17.55	23-May-17	19.14	BRIM LEVEL HIGH
KALISINDH	2	600.00	575	135.60	575	23-May-17	20.13	24-May-17		FURNACE FLAME OFF
STPS	3	210.00	192	4.12	0	23-May-17	22.54	24-May-17	2.09	1/AT-JOINT (X/N TRANSFORMER) PROBLEM
CHHABRA	4	250.00	225	4.65	0	24-May-17	1.23	24-May-17	3.27	FURNACE PRESSURE VERY LOW
TOTAL STATE FORCE OUTAGE		2165.00	2845.00	318.53	1299.00					
CENTRAL SECTOR										
UNCHBAR	2	210.00	24	5.70	24	19-May-17	12.59			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		210.00	24.00	5.70	24.00					
G.TOTAL			324.23	1323.00						

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 (5).