



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

<b>Power Position 30-May-17</b>	<b>Point No.</b>
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	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	381.53
20-May-17	1940.83	2114.26	1834.29	2076.07	<b>57.70</b>	33.29	8900	9538	49.98	338.30
21-May-17	1598.99	2206.04	1699.47	2033.25	43.05	11.25	8326	9329	50.02	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	1844.80	1716.74	28.66	<b>69.67</b>	8611	8391	49.98	57.35
25-May-17	1994.66	1963.65	1917.16	1803.01	36.01	3.85	9344	8316	50.00	109.59
26-May-17	2127.12	2128.58	2099.33	1856.61	42.59	-3.30	9805	9113	50.02	314.18
27-May-17	2248.99	2051.32	<b>2144.66</b>	1930.40	33.67	-4.26	<b>10305</b>	9236	50.02	<b>431.93</b>
28-May-17	<b>2391.45</b>	2123.82	2081.95	2020.10	12.41	3.53	9958	9322	<b>50.03</b>	386.11
29-May-17	2160.71	2195.44	1762.85	1886.13	1.67	7.65	8904	8929	50.00	145.69
30-May-17	2064.58	2214.50								
31-May-17										
MAXIMUM OF THE MONTH	<b>2391.45</b>	<b>2336.19</b>	<b>2144.66</b>	<b>2090.18</b>	<b>57.70</b>	<b>69.67</b>	<b>10305.00</b>	<b>9690.00</b>	<b>50.03</b>	<b>431.93</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>2023.82</b>	<b>2060.23</b>	<b>1926.76</b>	<b>1911.61</b>	<b>24.80</b>	<b>10.95</b>	<b>9166.82</b>	<b>8969.86</b>	<b>49.98</b>	<b>194.57</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2144.66	27-May-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10305	(23.15-23.30 Hrs.)	27-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
		29-May-17		
1	KTPS (1240/1240)	262.00	259.00	225.35
2	STPS (1500/1500)	55.00	68.00	51.78
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	1.00	18.68
5	RAPP-A(200/200)	38.00	38.00	39.92
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	90.07
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	564.00	560.00	459.51
11	WIND FARM (3980.40/4119.15)	120.00	300.00	145.69
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	-67.51	-59.13	-59.13
16	BIOMASS – (101.95/119.25)	6.00	3.00	6.14
17	BARSINGHAR LTPS(250/250)	26.00	26.00	23.81
18	RAJWEST (1080/1080)	201.00	201.00	144.30
	<b>TOTAL (A) : 1-18</b>	<b>1354.49</b>	<b>1504.87</b>	<b>1146.12</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.15	19.86	20.19
b)	DEHAR (198/ 990)	23.20	23.44	23.36
c)	PONG (231.66/396)	16.71	14.88	17.47
	<b>TOTAL : a TO c</b>	<b>60.06</b>	<b>58.18</b>	<b>61.02</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.78	59.42	52.99
e)	RIHAND (310.24/3000)	94.83	75.26	64.05
f)	UNCHAHAHAR-I(20/420)	2.04	2.83	2.42
g)	UNCHAHAHAR-II& III(61/630)	5.91	10.40	9.83
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	4.59	3.05	4.12
j)	DADRI GAS (77/830)	0.07	4.02	4.38
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.11	3.38	3.79
m)	NAPP (44/440)	9.36	9.17	9.17
n)	RAPP-B (125/440)	30.32	30.32	30.32
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	4.26	4.50	4.22
q)	URI (70.37/720)	16.73	16.73	16.73
r)	TANAKPUR (10.86/94)	0.90	1.00	1.33
s)	CHAMERA –I (105.84/540)	25.12	25.12	25.12
t)	CHAMERA-II (29.01/300)	6.47	6.98	6.47
u)	CHAMERA-III (25.21/231)	6.07	6.05	6.05
v)	DHAULIGANGA (27/280)	3.56	3.86	3.54
w)	DULHASTI (42.42/390)	10.11	10.11	10.11
x)	SEWA (13/120)	2.17	2.71	2.71
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.13	34.13	34.13
z)	TEHRI (75/1000)	5.93	5.63	4.74
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.34	20.40	26.15
ab)	TALA	1.04	1.02	1.02
ac)	MUNDRA UMPP (380/4000)	36.24	32.95	37.06
ad)	SASAN (372/3960)	70.57	59.05	37.65
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.65	19.47	10.23
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	571.36	525.72	489.34
	LOSSES	-14.95	-12.83	-17.22
	NET SCHEDULED	<b>556.41</b>	<b>512.89</b>	<b>472.12</b>
21	BILATERAL (REG.) EXCL. BANKING	24.21	24.21	24.21
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	63.23	47.44	59.60
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	67.51	59.13	59.13
25	INDIAN ENERGY EXCHANGE	-1.27	0.00	0.00
	<b>TOTAL(B): (19 TO 25)</b>	<b>710.08</b>	<b>655.83</b>	<b>615.06</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1761.18</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			1.67
	<b>GRAND TOTAL</b>	<b>2064.58</b>	<b>2160.71</b>	<b>1762.85</b>
	LAST YEAR	2214.50	2195.44	1886.13

## 3.SYSTEM PARAMETERS AS ON 29-May-17

MAXIMUM DRAWL ON 29-May-17	8904 MW at 00.00-00.15 Hrs 50.00 Hz
MINIMUM DRAWL ON 29-May-17	5072 MW at 05.00-05.15 Hrs 50.11Hz
Max U/D of the day	1534 MW at 04.45-05.00 Hrs 50.12 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	4
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	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
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	13
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	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	7
NO. OF VIOLATION (UD BLOCKS) IN WHICH FREQ. >= 50.10	4
AVERAGE FREQ. FOR THE DAY 29-May-17	50.00 Hz
Max O/D of the day	927 MW at 10.45-11.00 Hrs 49.98 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.36
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	68.50
ABOVE 50.05 HZ	24.14
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.	30-May-17	30-May-16	29-May-17	29-May-17
Gandhi Sagar (Ft.)	1312	1250	1295.31	1286.35	NIL	58
R.P.Sagar (Ft.)	1157.5	1128	1136.93	1141.19	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	975.30	972.10	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	852.90	853.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1550.44	1567.99	15297	2903.09
Dehar (Ft.)	2941	2900	2922.76	2919.35	6169	11664
Pong(Ft.)	1421	1260	1294.45	1283.87	8006	6857
Mahi-I (Mts.)	281.5	259	269.60	266.35	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.15	217.60	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
30-May-17	KTPS	192435	9.5 DAYS
	STPS	144249	6 DAYS
	CHHABRA	96904	13 DAYS
	KALISINDH	80169	5.5 DAYS

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

30-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 (SD W.E.F.15.07.14)
DCCPP	HRSG#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			M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRSG#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	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	6*	250.00	229	55.00	229	16-May-17	21.41			BOXED UP
STPS	4*	250.00	229	55.00	229	27-May-17	18.11			BOXED UP
STPS	2*	250.00	229	55.00	229	29-May-17	5.54			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE			1705.00	1515.00	363.80	1515.00				
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
DADRI	GT#4	130.19	22	5.30	22	20-Mar-17	8.00			LESS GAS AVAILABILITY
DADRI	GT#6	154.51	16	3.90	16	06-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(B) CENTRAL SECTOR- PLANNED OUTAGE			858.54	181.00	43.80	181.00				

## (B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
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
CHHABRA	2	250.00	225	54.00	225	02-May-17	16.51	30-May-17		COAL FEEDING PROBLEM
RAMGARH	STG#1	37.50	10	3.00	10	07-May-17	14.02	30-May-17		GRID FAILURE
RAMGARH	GT#2	37.50	29	7.00	29	23-May-17	9.12	30-May-17		GRID FAILURE
KTPS	4	210.00	192	0.00	0	24-May-17	20.25	29-May-17	3.48	TURBINE PROBLEM
BARSINGSAR	1	125.00	110	26.40	110	25-May-17	5.31	30-May-17		REFRACTORY FALLOUT
RAJWEST	3	135.00	120	28.68	120	27-May-17	8.19	30-May-17		M/T BOILER REFRACTORY DAMAGE
CHHABRA	3	250.00	225	54.00	225	28-May-17	19.33	30-May-17		BOILER TUBE LEAKAGE
RAMGARH	STG#2	50.00	40	0.00	0	28-May-17	21.57	29-May-17	1.48	VOLTAGE JERK
RAMGARH	GT#3	110.00	100	0.00	0	29-May-17	2.27	29-May-17	13.14	MASTER PROT. OPERATED
RAMGARH	STG#2	50.00	40	0.00	0	29-May-17	2.37	29-May-17	18.42	MASTER PROT. OPERATED
RAMGARH	GT#1	35.50	29	0.00	0	29-May-17	3.03	29-May-17	14.34	GRID FAILURE
TOTAL STATE FORCE OUTAGE			1415.50	1190.00	189.88	789.00				
CENTRAL SECTOR										
UNCHAHAR	2	210.00	24	5.70	24	19-May-17	12.59			BOILER TUBE LEAKAGE
AURAYA	GT#3	111.19	18	4.40	18	12-May-17	21.13			LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- FORCED OUTAGE			321.19	42.00	10.10	42.00				
G.TOTAL				199.98	831.00					

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 (\$).