



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

<b>Power Position 29-May-18</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -MAY- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
May-18										
01-May-18	2221.10	1837.16	2073.14	1833.87	25.25	22.71	9787	8892	50.00	346.11
02-May-18	2201.11	1849.34	2033.88	1823.88	40.17	28.21	9769	8587	50.02	257.78
03-May-18	2116.68	1603.25	1944.39	1665.23	22.24	49.01	9102	7838	50.01	143.70
04-May-18	2013.93	1782.60	2065.22	1919.59	46.27	38.13	9513	8953	49.94	65.13
05-May-18	2135.51	1979.93	2132.98	1990.19	17.22	1.86	9847	9488	49.92	176.33
06-May-18	2105.24	2125.12	2091.52	1982.31	-15.35	1.49	9830	9243	49.97	390.45
07-May-18	2279.26	2152.19	2069.07	1889.27	9.10	16.89	9791	8986	49.94	225.74
08-May-18	2102.96	1981.55	1904.55	1900.90	16.20	19.13	9152	8876	49.95	105.71
09-May-18	2104.03	2127.50	2081.56	1957.52	38.48	12.93	9916	9083	49.94	62.74
10-May-18	2017.42	2135.63	2114.70	1929.02	67.29	20.60	9842	8866	49.90	79.21
11-May-18	2147.62	2145.59	2266.35	1961.87	60.97	-0.22	10538	9360	49.94	221.45
12-May-18	2196.50	2131.77	2263.90	2040.20	10.26	-6.21	10453	9393	49.96	365.13
13-May-18	2284.00	2132.40	2182.11	2040.20	31.49	-6.21	10356	9393	49.99	123.58
14-May-18	2289.11	2132.40	2237.68	2036.35	55.96	19.40	10666	9818	50.00	95.51
15-May-18	2249.49	2231.94	2217.49	2083.11	21.98	29.63	10263	9956	49.94	176.71
16-May-18	2297.02	2228.76	2208.33	2016.63	18.20	7.64	10165	9649	49.92	70.02
17-May-18	2252.09	2082.03	2260.98	1846.51	19.36	44.70	10514	9022	49.95	146.41
18-May-18	2261.07	1998.99	2265.41	1930.21	6.64	38.06	10359	8912	49.91	84.68
19-May-18	2199.14	2122.39	2257.53	1887.98	14.41	46.63	10296	8724	49.91	109.65
20-May-18	2202.59	1940.83	2217.13	1834.29	-11.50	57.70	9965	8900	49.98	130.74
21-May-18	2330.45	1598.99	2296.20	1699.47	9.89	43.05	10496	8326	49.94	184.55
22-May-18	2384.00	1781.03	2364.94	1640.10	11.21	17.84	10723	8689	49.92	230.13
23-May-18	2344.60	1829.87	2338.18	1886.00	64.89	26.70	10508	9057	49.95	67.56
24-May-18	2378.99	1828.37	2362.35	1844.80	60.56	28.66	10667	8611	49.95	77.23
25-May-18	2265.55	1994.66	2350.65	1917.16	49.81	36.01	10898	9344	49.97	120.13
26-May-18	2191.33	2127.12	2347.47	2099.34	32.43	42.59	10582	9805	49.90	140.54
27-May-18	2337.24	2248.99	2346.35	2144.66	44.61	33.67	10766.00	10305.00	49.96	65.80
28-May-18	2279.11	2391.45	2346.51	2081.95	68.16	12.41	11033.00	9958.00	49.93	64.08
29-May-18	2357.25	2160.71								
30-May-18										
01-May-18										
MAXIMUM OF THE MONTH	<b>2384.00</b>	<b>2391.45</b>	<b>2364.94</b>	<b>2144.66</b>	<b>68.16</b>	<b>57.70</b>	<b>11033.00</b>	<b>10305.00</b>	<b>50.02</b>	<b>390.45</b>
MIN OF THE MONTH	<b>2013.93</b>	<b>1598.99</b>	<b>1904.55</b>	<b>1640.10</b>	<b>-15.35</b>	<b>-6.21</b>	<b>9102.00</b>	<b>7838.00</b>	<b>49.90</b>	<b>62.74</b>
AVERAGE	<b>2218.82</b>	<b>2004.83</b>	<b>2196.08</b>	<b>1918.54</b>	<b>28.45</b>	<b>24.84</b>	<b>10176.44</b>	<b>9113.93</b>	<b>49.95</b>	<b>157.88</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2364.94		22-May-18	
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							11033	(08.45-09.00Hrs.)	28-May-18	
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)							2222.22		18-Aug-17	
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)							390.45		06-May-18	
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76		04-Jul-17	

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		28-May-18		
1	KTPS (1240/1240)	262.00	270.00	275.22
2	STPS (1500/1500)	327.00	327.00	323.04
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	2.08
4	RAMGARH (273.5/273.5)	43.00	45.00	39.21
5	RAPP-A(200/200)	37.00	37.00	39.45
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)	164.00	164.00	164.44
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	242.00	242.00	240.58
11	WIND FARM (4137.20/4290.95)	197.00	23.50	64.08
12	SOLAR POWER(1656.70/2246.21)	91.60	85.42	85.86
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	34.17	34.49	33.68
16	BIOMASS – (101.95/119.25)	6.00	4.00	5.57
17	BARSINGHAR LTPS(250/250)	52.00	52.00	50.70
18	RAJWEST (1080/1080)	193.00	172.00	178.17
	<b>TOTAL (A) : 1-18</b>	<b>1648.77</b>	<b>1456.41</b>	<b>1502.08</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.01	23.59	23.26
b)	DEHAR (198/ 990)	18.89	21.92	18.51
c)	PONG (231.66/396)	9.24	9.41	7.75
	<b>TOTAL : a TO c</b>	<b>51.14</b>	<b>54.92</b>	<b>49.52</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.73	86.71	86.72
e)	RIHAND (310.24/3000)	102.87	102.87	102.87
f)	UNCHAHAAR-I(20/420)	6.96	6.96	7.15
g)	UNCHAHAAR-II& III & IV(135.09/1130)	25.72	25.72	25.72
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	19.12	38.74	32.01
j)	DADRI GAS (77/830)	2.15	6.06	4.80
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)	8.53	4.84	5.53
n)	RAPP-B (125/440)	28.98	28.98	28.98
o)	RAPP-C (88/440)	18.60	18.60	18.60
p)	SALAL (20.36/690)	3.07	3.44	3.28
q)	URI (70.37/720)	11.08	16.13	15.38
r)	TANAKPUR (10.86/94)	0.96	0.96	0.94
s)	CHAMERA –I (105.84/540)	13.65	13.65	13.65
t)	CHAMERA-II (29.01/300)	6.08	6.13	4.92
u)	CHAMERA-III (25.21/231)	4.65	4.51	3.90
v)	DHAULIGANGA (27/280)	3.08	3.21	2.70
w)	DULHASTI (42.42/390)	9.76	9.76	9.76
x)	SEWA (13/120)	0.52	0.63	0.52
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	17.89	18.65	17.16
z)	TEHRI (75/1000)	2.81	2.82	2.82
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	9.75	10.17	10.09
ab)	TALA	1.27	1.37	1.37
ac)	MUNDRA UMPP (380/4000)	68.22	68.22	68.22
ad)	SASAN (372/3960)	69.31	82.36	80.88
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.93	22.95	22.93
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	595.83	639.34	620.42
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>595.83</b>	<b>639.34</b>	<b>620.42</b>
21	BILATERAL (REG.) EXCL. BANKING	10.02	10.73	9.82
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.57	93.60	74.73
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-34.17	-34.49	-33.68
25	INDIAN ENERGY EXCHANGE	79.23	104.98	104.98
	<b>TOTAL(B): (19 TO 25)</b>	<b>708.48</b>	<b>822.70</b>	<b>776.27</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2278.35</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			68.16
	<b>GRAND TOTAL</b>	<b>2357.25</b>	<b>2279.11</b>	<b>2346.51</b>
	LAST YEAR	2160.71	2391.45	2081.95

## 3. SYSTEM PARAMETERS AS ON 28-May-18

MAXIMUM DRAWL ON 28-May-18	11033 MW at 08.45-09.00 Hrs 49.95 HZ
MINIMUM DRAWL ON 28-May-18	8688 MW at 18.00-18.15 Hrs 50.04 HZ
Max O/D of the day	266 MW at 03.45-04.00 Hrs 49.97 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	19
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	18
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	64
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	39
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	13
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	0
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

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	29-May-18	29-May-17		
Gandhi Sagar (Fl.)	1312	1250	1269.80	1295.34	NIL	201
R.P.Sagar (Fl.)	1157.5	1128	1139.04	1136.90	NIL	NIL
Jawahar Sagar (Fl.)	980	970.4	975.00	975.20	NIL	NIL
Kota Barrage(Fl.)	854.5	852.3	851.20	853.20		
RMC					20	
LMC					NIL	
Bhakra(Fl.)	1690	1462	1493.67	1547.18	19347	15426
Dehar (Fl.)	2941	2900	2919.55	2926.96	5059	5166
Pong(Fl.)	1421	1260	1826.55	1294.55	5005	1012
Mahi-I (Mts.)	281.5	259	269.50	269.60	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	218.15	NIL	NIL

## 5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	28-May-18	49.93 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	701 MW at 22.15-22.30 Hrs 49.91 HZ		29-May-18	KTPS	63679	3 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	40.60					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	56.20					
ABOVE 50.05 HZ	3.20					
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	153			STPS	29882	1 DAY
No. of 132 KV Feeders Disconnected	0			CHHABRA	182505	24.5 DAYS
				KALISINDH	75097	5.5 DAYS

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

29-May-18

## (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	16.8	70	11-Jul-14	8.20				BED MATERIAL LEAKAGE (SD W.E.F.15.87.4)
DCCFP	HBSG2*	55.00	50	12.8	50	13-Jul-16	16.35				BOXED UP(PERMISSION GIVEN BY RUN/CL ON DATE 17.08.17 BUT PROBLEM IN DCCFP END)
DCCFP	GT2*	110.00	100	24.0	100	13-Jul-16	16.40				BOXED UP(PERMISSION GIVEN BY RUN/CL ON DATE 17.08.17 BUT PROBLEM IN DCCFP END)
DCCFP	GT1*	110.00	100	24.0	100	28-May-18	13.40				BOXED UP
Total(A) STATE SECTOR-PLANNED OUTAGE		400.00	320.00	76.80	320.00						
CENTRAL SECTOR											
DADRI GPS	4	130.19	22	5.3	22	18-Oct-17	6.00				RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.3	22	25-Oct-17	22.22				RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.3	22	25-Oct-17	22.20				RESERVE SHUTDOWN
AURAYA GPS	1	111.19	18	4.4	18	28-Jun-18	5.51				RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-May-18	4.54				RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-May-18	5.31				RESERVE SHUTDOWN
BHAND	3	500.00	58	13.8	58	10-May-18	8.50				ANNUAL MAINTENANCE
AURAYA GPS	4	111.19	18	4.4	18	16-May-18	23.33				RESERVE SHUTDOWN
AURAYA GPS	3	111.19	18	4.4	18	16-May-18	23.51				RESERVE SHUTDOWN
AURAYA GPS	6	109.30	12	2.9	12	21-May-18	9.27				RESERVE SHUTDOWN FUEL SHORTAGE
AURAYA GPS	2	111.19	18	4.4	18	21-May-18	9.32				RESERVE SHUTDOWN FUEL SHORTAGE
Total(B) CENTRAL SECTOR-PLANNED OUTAGE		1645.67	270.00	65.20	270.00						

## (B) FORCED OUTAGE

## STATE SECTOR

STATE SECTOR											
GIRAL	2	125.00	70	17	70	27-Jun-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31				DUE TO GENERATOR TRIP
ADANI	2	660.00	600	144	600	29-Apr-18	7.33				DUE TO CONDENSER TUBE LEAKAGE
DCCFP	HBSG01	55.00	50	12	50	19-May-18	16.57				NON AVAILABILITY OF GAS
CHHABRA	2	250.00	225	54	225	25-May-18	1.15				SHORTAGE OF WATER
RAJWEST	3	135.00	120	3.22	0	25-May-18	5.09	29-May-18	2.47		BED MATERIAL LEAKAGE
RAMGARH	STG2	50.00	40	0	0	26-May-18	5.00	26-May-18	19.27		heavy leakage in HBPFP recirculation line
RAJWEST	2	135.00	120	29	120	27-May-18	11.31				BED MATERIAL LEAKAGE
RAMGARH	GT1	37.50	10	3	10	28-May-18	11.40				DUE TO NON AVAILABILITY OF SUPPLEMENT FUEL GAS
RAMGARH	GT2	110.00	100	0	0	28-May-18	16.32	28-May-18	17.43		LOSS OF FLAME
RAMGARH	STG2	50.00	40	0	0	28-May-18	16.32	28-May-18	19.31		LOSS OF FLAME
KTPS	7	195.00	175	6.21	0	29-May-18	8.15	29-May-18	3.48		COAL MILL TRIP
Total(B) STATE SECTOR-FORCED OUTAGE		2402.50	2024.00	403.60	1549.50						

## CENTRAL SECTOR

ENCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
ISTPP(BHAJARI)	2	500.00	5	0.0	0	05-Apr-18	0.17	27-May-18	22.00		AMPOVERHEATING
AURAYA GPS	5	111.00	18	4.4	18	06-May-18	3.23				DRUM VIBRATION
ANTA GPS	4	153.20	24	8.2	24	19-May-18	6.51				Fuel Shortage due to unavailability of sulphur fuel and no allocation of RLNG or cheap gas.
ANTA GPS	2	88.71	31	7.5	31	19-May-18	7.29				Fuel Shortage due to unavailability of sulphur fuel and no allocation of RLNG or cheap gas.
ISTPP(BHAJARI)	2	500.00	5	1.2	5	27-May-18	22.09				
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1852.91	93.00	21.30	88.00						
G.TOTAL			424.90	1637.50							

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).