



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

<b>Power Position 21-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								
22-May-18										
23-May-18										
24-May-18										
25-May-18										
26-May-18										
27-May-18										
28-May-18										
29-May-18										
30-May-18										
01-May-18										
MAXIMUM OF THE MONTH	<b>2330.45</b>	<b>2231.94</b>	<b>2266.35</b>	<b>2083.11</b>	<b>67.29</b>	<b>57.70</b>	<b>10666.00</b>	<b>9956.00</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>1665.23</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>2182.92</b>	<b>2015.33</b>	<b>2144.40</b>	<b>1928.46</b>	<b>24.73</b>	<b>22.10</b>	<b>10006.20</b>	<b>9096.95</b>	<b>49.95</b>	<b>168.84</b>
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2266.35	11-May-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							10666	(9.15-09.30Hrs.)	14-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	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
		18-May-18			20-May-18			20-May-18		
1	KTPS (1240/1240)	231.00	270.00	267.19	270.00	270.00	257.85	270.00	270.00	257.85
2	STPS (1500/1500)	327.00	327.00	292.01	327.00	327.00	291.63	327.00	327.00	291.63
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	15.89	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	36.87	41.00	38.00	36.39	41.00	38.00	36.39
5	RAPP-A(200/200)	39.00	39.00	41.09	40.00	40.00	40.85	40.00	40.00	40.85
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00
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)	218.00	218.00	222.97	218.00	218.00	212.22	218.00	218.00	212.22
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	282.00	282.00	278.19	282.00	282.00	270.80	282.00	282.00	270.80
11	WIND FARM (4137.20/4290.95)	37.00	79.00	84.68	137.00	42.25	130.74	137.00	42.25	130.74
12	SOLAR POWER(1656.70/2246.21)	60.37	55.00	62.75	67.11	62.75	77.79	67.11	62.75	77.79
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	42.50	38.01	35.30	42.94	39.49	39.53	42.94	39.49	39.53
16	BIOMASS – (101.95/119.25)	4.00	2.00	4.17	5.00	5.00	4.62	5.00	5.00	4.62
17	BARSINGHAR LTPS(250/250)	26.00	24.00	27.18	25.00	26.00	25.31	25.00	26.00	25.31
18	RAJWEST (1080/1080)	199.00	172.00	173.54	201.00	201.00	196.50	201.00	201.00	196.50
	<b>TOTAL (A) : 1-18</b>	<b>1503.87</b>	<b>1544.01</b>	<b>1541.83</b>	<b>1656.05</b>	<b>1551.49</b>	<b>1584.23</b>	<b>1656.05</b>	<b>1551.49</b>	<b>1584.23</b>
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	25.05	25.91	25.43	24.71	24.66	25.03	24.71	24.66	25.03
b)	DEHAR (198/ 990)	15.24	13.99	16.34	15.74	14.51	16.19	15.74	14.51	16.19
c)	PONG (231.66/396)	7.83	7.62	9.44	6.93	6.15	5.85	6.93	6.15	5.85
	<b>TOTAL : a TO c</b>	<b>48.11</b>	<b>47.52</b>	<b>51.21</b>	<b>47.38</b>	<b>45.31</b>	<b>47.07</b>	<b>47.38</b>	<b>45.31</b>	<b>47.07</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	87.24	87.22	87.58	87.93	87.26	87.35	87.93	87.26	87.35
e)	RIHAND (310.24/3000)	102.96	102.96	102.96	103.13	102.96	102.38	103.13	102.96	102.38
f)	UNCHAHAR-I(20/420)	6.96	6.74	6.12	5.45	6.67	5.96	5.45	6.67	5.96
g)	UNCHAHAR-II& III & IV(135.09/1130)	25.72	24.81	22.18	20.34	24.82	22.04	20.34	24.82	22.04
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.56	9.12	8.67	13.57	8.56	12.09	13.57	8.56	12.09
j)	DADRI GAS (77/830)	0.08	2.44	1.73	1.07	0.00	0.00	1.07	0.00	0.00
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)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	6.75	6.75	6.75	9.69	9.68	9.68	9.69	9.68	9.68
n)	RAPP-B (125/440)	28.90	28.90	28.90	28.95	28.90	28.90	28.95	28.90	28.90
o)	RAPP-C (88/440)	18.60	18.60	18.60	18.63	18.60	18.60	18.63	18.60	18.60
p)	SALAL (20.36/690)	2.28	2.46	2.94	2.24	2.78	2.69	2.24	2.78	2.69
q)	URI (70.37/720)	16.13	16.13	16.15	16.16	16.13	16.15	16.16	16.13	16.15
r)	TANAKPUR (10.86/94)	0.86	0.87	1.01	0.84	0.89	0.98	0.84	0.89	0.98
s)	CHAMERA –I (105.84/540)	10.46	10.12	10.12	10.14	9.86	9.87	10.14	9.86	9.87
t)	CHAMERA-II (29.01/300)	4.19	4.67	4.90	4.86	4.67	4.11	4.86	4.67	4.11
u)	CHAMERA-III (25.21/231)	3.55	3.85	3.74	3.80	3.59	3.11	3.80	3.59	3.11
v)	DHAULIGANGA (27/280)	2.33	2.66	2.85	2.65	2.33	2.40	2.65	2.33	2.40
w)	DULHASTI (42.42/390)	9.76	9.76	9.76	9.78	9.76	9.78	9.78	9.76	9.76
x)	SEWA (13/120)	0.94	0.94	0.94	0.79	0.94	0.94	0.79	0.94	0.94
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	15.08	16.73	15.84	15.33	14.83	13.28	15.33	14.83	13.28
z)	TEHRI (75/1000)	2.54	2.34	2.34	2.55	2.54	2.54	2.55	2.54	2.54
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	8.38	8.85	8.87	8.38	8.30	7.43	8.38	8.30	7.43
ab)	TALA	0.94	0.73	0.73	1.12	0.96	0.96	1.12	0.96	0.96
ac)	MUNDRA UMPP (380/4000)	65.72	60.78	59.01	61.84	60.55	58.89	61.84	60.55	58.89
ad)	SASAN (372/3960)	84.31	84.31	84.31	84.50	84.31	84.31	84.50	84.31	84.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	15.15	19.49	19.69	18.70	18.16	15.24	18.70	18.16	15.24
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 SCHEDULE (a TO af)	577.53	579.76	577.89	579.80	573.37	566.71	579.80	573.37	566.71
	LOSSES	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
	NET SCHEDULED	577.53	579.76	577.89	579.81	573.37	566.71	579.81	573.37	566.71
21	BILATERAL (REG.) EXCL. BANKING	9.07	10.02	9.05	8.60	7.87	7.87	8.60	7.87	7.87
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)	101.99	92.40	101.99	102.23	96.12	101.99	102.23	96.12	101.99
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-42.50	-38.01	-35.30	-42.94	-39.49	-39.53	-42.94	-39.49	-39.53
25	INDIAN ENERGY EXCHANGE	49.19	63.31	63.31	26.70	7.36	7.36	26.70	7.36	7.36
	<b>TOTAL(B): (19 TO 25)</b>	<b>695.27</b>	<b>717.06</b>	<b>716.94</b>	<b>674.40</b>	<b>651.10</b>	<b>644.40</b>	<b>674.40</b>	<b>651.10</b>	<b>644.40</b>
	TOTAL GENERATION (A + B) : 1 TO 25			2258.77			2228.63			2228.63
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.64			-11.50			-11.50
	<b>GRAND TOTAL</b>	<b>2199.14</b>	<b>2261.08</b>	<b>2265.41</b>	<b>2330.45</b>	<b>2202.59</b>	<b>2217.13</b>	<b>2330.45</b>	<b>2202.59</b>	<b>2217.13</b>
	LAST YEAR	2122.39	1998.99	1930.20	1598.99	1887.99	1834.29	1598.99	1887.99	1834.29

## 3. SYSTEM PARAMETERS AS ON 20-May-18

MAXIMUM DRAWL ON 20-May-18	9965 MW at 7.15-7.30 Hrs 49.98 HZ
MINIMUM DRAWL ON 20-May-18	7669 MW at 18.30-18.45Hrs 50.02 HZ
Max U/D of the day	612 MW at 21.00Hrs 50.03 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	52
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
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.	21-May-18	21-May-17		
Gandhi Sagar (Ft.)	1312	1250	1269.96	1295.61	NA	201
R.P.Sagar (Ft.)	1157.5	1128	1139.35	1136.89	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.10	976.80	0	NIL
Kota Barrage(Ft.)	854.5	852.3	849.90	851.51		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1501.36	1539.71	20610	9336
Dehar (Ft.)	2941	2900	2920.99	2924.86	3805	3437
Pong(Ft.)	1421	1260	1289.04	1295.27	3704	1650
Mahi-I (Mts.)	281.5	259	269.60	269.60	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.60	218.35	NIL	NIL

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

AVERAGE FREQ. FOR THE DAY	20-May-18	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	501 MW at 19.30Hrs 49.94 HZ		21-May-18	KTPS	40765	2 DAYS
Frequency Profile	% of Time			STPS	38126	1.5 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	147674	19.5 DAYS
LESS THAN 49.90 HZ	12.20			KALISINDH	79108	5.5 DAYS
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.60					
ABOVE 50.05 HZ	7.20					
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	6					
No. of 132 KV Feeders Disconnected	0					

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

21-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 (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	GT02*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
Total(A)STATE SECTOR-PLANNED OUTAGE		290.00	220.00	52.80	220.00					
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	22.30			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.4	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RIHAND	3	500.00	58	13.8	58	10-May-18	8.50			ANNUAL MAINTENANCE
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1424.99	240.00	57.90	240.00					

## (B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
STATE SECTOR										
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	475	135.6	475	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
BARSINGSAR	2	125.00	110	26.4	110	16-Apr-18	0.47			REFRACTORY BREAKAGES/ANNUAL MAINTENANCE WORK S/D WILL BE EXTENDED UPTO 09/05/18
ADANI	2	600.00	600	144.0	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE
RAMGARH	GT-1	37.50	29	0.0	0	09-May-18	17.11	19-May-18	10.55	GENERATOR BREAKER TRIPPED
RAJWEST	7	135.00	120	28.7	120	09-May-18	23.40			REFACTORY DAMAGE
RAJWEST	6	135.00	120	0.0	0	14-May-18	22.49	19-May-18	3.03	HEAVY BED MATERIAL LEAKAGE
KTPS	3	210.00	192	0.0	0	19-May-18	3.30	19-May-18	12.35	LOW VACUUM
DCCPP	HRS01	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS
DCCPP	GT01	110.00	100	24.0	100	19-May-18	17.19			NON AVAILABILITY OF GAS
Total(B)STATE SECTOR-FORCED OUTAGE		2192.50	1865.00	387.47	1524.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ESTPP(HAJIAR)	2	500.00	5	1.2	5	05-Apr-18	0.17			AMPOVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23			DRUM VIBRATION
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1111.00	23.00	5.60	23.00					
<b>G.TOTAL</b>			<b>393.07</b>	<b>1547.50</b>						

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 (\$).