



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

<b>Power Position 14-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										
1-May-18	2221.10	1837.16	2073.14	1833.87	25.25	22.71	9787	8892	50.00	346.11
2-May-18	2201.11	1849.34	2033.88	1823.88	40.17	28.21	9769	8587	50.02	257.78
3-May-18	2116.68	1603.25	1944.39	1665.23	22.24	49.01	9102	7838	50.01	143.70
4-May-18	2013.93	1782.60	2065.22	1919.59	46.27	38.13	9513	8953	49.94	65.13
5-May-18	2135.51	1979.93	2132.98	1990.19	17.22	1.86	9847	9488	49.92	176.33
6-May-18	2105.24	2125.12	2091.52	1982.31	-15.35	1.49	9830	9243	49.97	390.45
7-May-18	2279.26	2152.19	2069.07	1889.27	9.10	16.89	9791	8986	49.94	225.74
8-May-18	2102.96	1981.55	1904.55	1900.90	16.20	19.13	9152	8876	49.95	105.71
9-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								
15-May-18										
16-May-18										
17-May-18										
18-May-18										
19-May-18										
20-May-18										
21-May-18										
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										
1-May-18										
MAXIMUM OF THE MONTH	2289.11	2152.19	2266.35	2040.20	67.29	49.01	10538.00	9488.00	50.02	390.45
MIN OF THE MONTH	2013.93	1603.25	1904.55	1665.23	-15.35	-6.21	9102.00	7838.00	49.90	62.74
AVERAGE	2148.83	2008.90	2094.11	1918.00	28.43	15.26	9838.15	8996.77	49.96	197.16
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)							10538	(9.15Hrs.)	11-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	6-May-18		
MAX.WIND DURING THE YEAR 2017-18 (L.U.)							482.76	4-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
1	KTPS (1240/1240)	268.00	268.00	263.36	270.00	268.00	263.09	268.00	270.00	258.76
2	STPS (1500/1500)	330.00	330.00	311.20	275.00	330.00	256.56	275.00	275.00	240.31
3	DHOLPUR GAS CCPP (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)	38.00	38.00	36.42	38.00	38.00	34.16	38.00	38.00	35.87
5	RAPP-A(200/200)	42.00	42.00	41.17	40.00	42.00	40.78	42.00	40.00	40.90
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)	108.00	162.00	142.38	109.00	108.00	106.24	162.00	109.00	120.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	144.00	144.00	119.25	254.00	144.00	156.34	279.00	254.00	241.04
11	WIND FARM (4137.20/4290.95)	229.00	121.00	221.45	260.00	229.00	365.13	142.00	260.00	123.58
12	SOLAR POWER(1656.70/2246.21)	85.07	82.36	83.38	83.38	85.07	85.21	85.21	83.38	62.90
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	36.39	30.39	30.80	29.64	36.39	36.74	34.61	29.64	27.48
16	BIOMASS – (101.95/119.25)	6.00	7.00	5.63	6.00	6.00	5.96	5.00	6.00	4.72
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.57	26.00	26.00	25.50	26.00	26.00	25.46
18	RAJWEST (1080/1080)	201.00	201.00	205.21	201.00	201.00	201.03	201.00	201.00	197.55
	<b>TOTAL (A) : 1-18</b>	<b>1513.46</b>	<b>1451.75</b>	<b>1485.82</b>	<b>1592.02</b>	<b>1513.46</b>	<b>1576.74</b>	<b>1557.82</b>	<b>1592.02</b>	<b>1379.25</b>
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.99	26.85	26.53	26.27	26.99	26.78	27.79	26.27	26.55
b)	DEHAR (198/ 990)	11.91	11.39	10.53	16.52	11.91	12.92	20.84	16.52	17.13
c)	PONG (231.66/396)	9.64	8.39	8.17	8.86	9.64	9.50	9.78	8.86	7.37
	<b>TOTAL : a TO c</b>	<b>48.55</b>	<b>46.62</b>	<b>45.24</b>	<b>51.65</b>	<b>48.55</b>	<b>49.20</b>	<b>58.41</b>	<b>51.65</b>	<b>51.04</b>
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	86.76	86.91	86.91	87.16	86.76	86.83	86.97	87.16	110.50
e)	RIHAND (310.24/3000)	103.20	103.20	103.20	103.20	103.20	102.44	102.95	103.20	127.41
f)	UNCHAHAAR-II(20/420)	6.97	6.97	11.79	6.48	6.97	7.04	5.92	6.48	15.70
g)	UNCHAHAAR-II& III & IV(135.09/1130)	16.67	16.67	19.41	15.45	16.67	13.94	20.94	15.45	21.34
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	19.16	19.16	33.04	17.77	19.16	13.93	16.00	17.77	36.19
j)	DADRI GAS (77/830)	3.37	3.37	3.55	3.09	3.37	3.00	2.90	3.09	5.29
k)	ANTA (83.07/419)	0.00	0.00	1.11	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)	4.34	4.34	4.34	6.35	4.34	4.34	0.59	6.35	6.35
n)	RAPP-B (125/440)	29.13	29.38	29.38	29.70	29.13	29.13	30.12	29.70	29.70
o)	RAPP-C (88/440)	18.64	18.50	18.50	18.64	18.64	18.64	18.60	18.64	18.64
p)	SALAL (20.36/690)	2.24	2.24	2.40	2.66	2.24	2.86	2.92	2.66	3.47
q)	URI (70.37/720)	16.17	16.17	16.18	16.17	16.17	16.18	16.13	16.17	16.18
r)	TANAKPUR (10.86/94)	0.79	0.80	0.68	0.80	0.79	0.73	0.80	0.80	0.92
s)	CHAMERA –I (105.84/540)	10.07	11.40	10.47	10.07	10.07	10.07	15.92	10.07	7.23
t)	CHAMERA-II (29.01/300)	5.30	4.49	4.32	5.89	5.30	5.27	5.92	5.89	5.88
u)	CHAMERA-III (25.21/231)	3.70	3.17	3.32	4.36	3.70	3.93	4.01	4.36	4.58
v)	DHAULIGANGA (27/280)	1.51	1.48	1.58	2.02	1.51	2.23	2.56	2.02	2.11
w)	DULHASTI (42.42/390)	9.75	8.97	9.35	9.79	9.75	9.78	9.76	9.79	9.79
x)	SEWA (13/120)	0.95	1.05	1.05	0.95	0.95	0.95	0.94	0.95	0.95
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.15	10.22	9.02	14.40	10.15	11.90	12.98	14.40	13.48
z)	TEHRI (75/1000)	3.30	3.32	3.30	3.32	3.30	3.29	3.08	3.32	1.25
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	6.85	6.89	6.47	7.13	6.85	7.70	7.66	7.13	7.61
ab)	TALA	0.86	0.93	0.93	0.68	0.86	0.86	0.68	0.68	0.68
ac)	MUNDRA UMPP (380/4000)	51.06	51.06	51.06	51.06	51.06	50.84	50.92	51.06	50.12
ad)	SASAN (372/3960)	70.43	84.54	83.66	69.97	70.43	70.43	76.33	69.97	71.17
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.08	30.11	28.18	22.03	22.08	20.42	16.88	22.03	21.10
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL SCHEDULE (a TO af)</b>	<b>552.01</b>	<b>571.96</b>	<b>588.43</b>	<b>560.79</b>	<b>552.01</b>	<b>545.92</b>	<b>570.91</b>	<b>560.79</b>	<b>638.67</b>
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>NET SCHEDULED</b>	<b>552.01</b>	<b>571.96</b>	<b>588.43</b>	<b>560.79</b>	<b>552.01</b>	<b>545.92</b>	<b>570.91</b>	<b>560.79</b>	<b>638.67</b>
21	BILATERAL (REG.) EXCL. BANKING	6.22	5.56	5.14	8.37	6.22	6.51	7.63	8.37	7.71
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)	102.15	48.10	65.70	102.27	91.48	102.15	101.99	91.95	102.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-36.39	-30.39	-30.80	-29.64	-36.39	-36.74	-34.61	-29.64	-27.48
25	INDIAN ENERGY EXCHANGE	59.05	91.10	91.10	50.20	59.05	59.05	85.37	50.20	50.20
	<b>TOTAL(B): (19 TO 25)</b>	<b>683.03</b>	<b>695.87</b>	<b>719.57</b>	<b>691.98</b>	<b>683.03</b>	<b>676.89</b>	<b>731.29</b>	<b>691.98</b>	<b>771.37</b>
	<b>TOTAL GENERATION (A + B) : 1 TO 25</b>			<b>2205.38</b>			<b>2253.63</b>			<b>2150.62</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			60.97			10.26			31.49
	<b>GRAND TOTAL</b>	<b>2196.50</b>	<b>2147.62</b>	<b>2266.36</b>	<b>2284.00</b>	<b>2196.50</b>	<b>2263.89</b>	<b>2289.11</b>	<b>2284.00</b>	<b>2182.11</b>
	LAST YEAR	2131.77	2145.59	1961.87	2132.40	2131.77	2040.22	2277.47	2132.40	2106.98

## 3.SYSTEM PARAMETERS AS ON 13-May-18

MAXIMUM DRAWL ON 13-May-18	10356 MW at 08.15-08.30 Hrs 49.97 HZ
MINIMUM DRAWL ON 13-May-18	7100 MW at 18.30-18.45Hrs 50.00 HZ
Max U/D of the day	644 MW at 22.00-23.00 Hrs 50.01Hz
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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	16
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	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
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	11
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1

## 4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	14-May-18	14-May-17		
Gandhi Sagar (Ft.)	1312	1250	1270.10	1295.75	NIL	219
R.P.Sagar (Ft.)	1157.5	1128	1139.55	1137.24	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	977.60	977.10	0	0
Kota Barrage(Ft.)	854.5	852.3	850.60	852.50		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1513.69	1555.91	22707	14893
Dehar (Ft.)	2941	2900	2923.81	2935.23	4886	5419
Pong(Ft.)	1421	1260	1290.28	1296.40	4105	2063
Mahi-I (Mts.)	281.5	259	269.65	269.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.95	218.50	NIL	NIL

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

AVERAGE FREQ. FOR THE DAY	13-May-18	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	830 MW at 19.45-20.00 Hrs 50.05HZ		14/May/18	KTPS	29733	1.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	7.53					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.60					
ABOVE 50.05 HZ	14.87					
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		14/May/18	CHHABRA	157059	21 DAYS
Max O/D of the day	830 MW at 19.45-20.00 Hrs 50.05HZ					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	7.53					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.60					
ABOVE 50.05 HZ	14.87					
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		14/May/18	KALISINDH	109238	8 DAYS
Max O/D of the day	830 MW at 19.45-20.00 Hrs 50.05HZ					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	7.53					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.60					
ABOVE 50.05 HZ	14.87					
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					

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

14/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	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED/permission not granted by crval end id msg no OP/12/730 dt 27.12.17 and op/12/790/dt 30.12.17)
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by crval end id msg no OP/12/730 dt 27.12.17 and op/12/790/dt 30.12.17)
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL SD
Total(A) STATE SECTOR-PLANNED OUTAGE		705.00	595.00	142.80	595.00					

## CENTRAL SECTOR

DADRI GPS	4	130.19	22	5	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5	22	25-Oct-17	23.22			RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	8	31	9-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	8	31	9-Mar-18	5.31			RESERVE SHUTDOWN
UNCHAHAR	5	210.00	24	6	24	17-Apr-18	0.25			UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS
RIHAND	1	500.00	54	14	54	10-May-18	0.50			ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		1632.80	260.00	63.60	260.00					

## (B) FORCED OUTAGE

## STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	17	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
KALISINDH	2	600.00	475	136	475	7-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
BARSINGSAR	2	125.00	110	26	110	16-Apr-18	0.47			REFRRECTORY BREAKERS.
ADANI	2	660.00	600	144	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE
RAMGARHI	GT-1	37.50	29	7	29	9-May-18	17.11			GENERATOR BREAKER TRIPPED
RAJWEST	7	135.00	120	29	120	9-May-18	23.40			REFACTORY DAMAGE
CHHABRA	2	250.00	225	54	225	11-May-18	16.23	13-May-18	15.26	BOILER TUBE LEAKAGE
STPS	2	250.00	225	54	225	12-May-18	7.48			BOILER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2182.50	1853.50	466.48	1853.50					

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
ISTPP(JHAJHAR)	2	500.00	5	1	5	5-Apr-18	0.17			AMP/OVERHAULING
AURAIYA GPS	5	111.00	18	4	18	6-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>472.08</b>	<b>1876.50</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 (\$).