



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

<b>Power Position 10-May-18</b>	<b>Point No.</b>
<b>Date-wise Energy Availability, Consumption, Peak Load &amp; Average Frequency</b>	<b>1</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		
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								
11-May-18										
12-May-18										
13-May-18										
14-May-18										
15-May-18										
16-May-18										
17-May-18										
18-May-18										
19-May-18										
20-May-18										
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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	2279.26	2152.19	2132.98	1990.19	46.27	49.01	9916.00	9488.00	50.02	390.45
MIN OF THE MONTH	2013.93	1603.25	1904.55	1665.23	-15.35	1.49	9102.00	7838.00	49.92	62.74
AVERAGE	2119.57	1962.84	2044.03	1884.75	22.18	21.15	9634.11	8882.89	49.97	197.08
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2132.98	05-May-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							10053	(09.15-09.30Hrs.)	28-Apr-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 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		9-May-18		
1	KTPS (1240/1240)	268.00	268.00	264.08
2	STPS (1500/1500)	275.00	220.00	251.24
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	31.41
5	RAPP-A(200/200)	42.00	40.00	41.02
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)	162.00	162.00	163.28
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	144.00	255.00	186.00
11	WIND FARM (3980.40/4119.15)	92.50	92.50	62.74
12	SOLAR POWER(737.70/1295.70)	80.83	80.09	82.36
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	31.67	35.69	34.46
16	BIOMASS – (101.95/119.25)	6.00	8.00	5.64
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.98
18	RAJWEST (1080/1080)	201.00	229.00	220.79
	<b>TOTAL (A) : 1-18</b>	<b>1367.00</b>	<b>1454.28</b>	<b>1368.99</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.96	26.19	26.73
b)	DEHAR (198/ 990)	12.77	13.00	12.46
c)	PONG (231.66/396)	5.43	6.74	6.32
	<b>TOTAL : a TO c</b>	<b>45.15</b>	<b>45.93</b>	<b>45.51</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	86.64	85.84	86.63
e)	RIHAND (310.24/3000)	100.52	126.46	127.25
f)	UNCHAHAAR-I(20/420)	6.97	7.24	14.70
g)	UNCHAHAAR-II& III(61/630)	16.67	17.38	20.77
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	19.16	22.52	35.48
j)	DADRI GAS (77/830)	3.37	5.96	5.70
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.13
m)	NAPP (44/440)	4.36	4.36	4.36
n)	RAPP-B (125/440)	29.54	30.60	30.60
o)	RAPP-C (88/440)	18.50	18.50	18.50
p)	SALAL (20.36/690)	2.21	2.80	2.75
q)	URI (70.37/720)	16.17	16.17	16.18
r)	TANAKPUR (10.86/94)	0.87	0.71	0.71
s)	CHAMERA –I (105.84/540)	11.45	11.45	12.38
t)	CHAMERA-II (29.01/300)	4.54	4.91	5.19
u)	CHAMERA-III (25.21/231)	3.17	3.54	3.72
v)	DHAULIGANGA (27/280)	1.87	1.87	1.63
w)	DULHASTI (42.42/390)	9.79	9.79	9.75
x)	SEWA (13/120)	1.05	1.58	1.58
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.69	11.62	10.13
z)	TEHRI (75/1000)	3.36	3.36	3.40
aa)	KOTESHWR (33.44/400 ) + PARBATI3 (56.73/520)	6.86	6.96	6.95
ab)	TALA	1.23	1.44	1.44
ac)	MUNDRA UMPP (380/4000)	51.05	49.91	50.14
ad)	SASAN (372/3960)	84.54	84.54	84.54
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.11	29.85	29.87
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	569.85	605.27	630.01
	LOSSES	0.00	1.03	0.00
	NET SCHEDULED	<b>569.85</b>	<b>606.30</b>	<b>630.01</b>
21	BILATERAL (REG.) EXCL. BANKING	5.56	6.46	5.86
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	74.77	42.62	57.65
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-31.67	-35.69	-34.46
25	INDIAN ENERGY EXCHANGE	31.92	15.04	15.04
	<b>TOTAL(B): (19 TO 25)</b>	<b>650.42</b>	<b>649.75</b>	<b>674.09</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2043.08</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			38.48
	<b>GRAND TOTAL</b>	<b>2017.42</b>	<b>2104.03</b>	<b>2081.56</b>
	LAST YEAR	2135.63	2127.50	1960.53

3. SYSTEM PARAMETERS AS ON 09-May-18

MAXIMUM DRAWL ON 09-May-18	9916 MW at 09.15-09.30 Hrs 49.96 HZ
MINIMUM DRAWL ON 09-May-18	7560 MW at 18.45-19.00 Hrs 49.87 HZ
Max U/D of the day	407 MW at 05.15-05.30 Hrs 49.95 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	24
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 HZ	20
No. of Blocks in which Freq. >= 49.9 & <50.00 HZ	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	20
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	11
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 HZ	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 HZ	1
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	10-May-18	9-May-18		
Gandhi Sagar (Ft.)	1312	1250	1270.18	1295.83	NIL	219
R.P.Sagar (Ft.)	1157.5	1128	1139.70	1137.32	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.40	976.70	952	115
Kota Barrage(Ft.)	854.5	852.3	851.50	853.40		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1521.29	1534.32	22197	7736
Dehar (Ft.)	2900	2900	2920.60	2934.71	3505	3721
Pong(FL)	1421	1260	1291.01	1297.45	3001	1214
Mahi-I (Mts.)	281.5	259	269.65	269.65	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.80	218.70	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	9-May-18	49.94 HZ	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	656 MW at 00.00-00.15 Hrs 49.94 HZ		10-May-18	KTPS	27137	1.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.09					
LESS THAN 49.90 HZ	27.95					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	68.25					
ABOVE 50.05 HZ	3.71					
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	106					
No. of 132 KV Feeders Disconnected	0					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			STPS	56093	2 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	106			CHHABRA	138747	18.5 DAYS
No. of 132 KV Feeders Disconnected	0			KALISINDH	77542	5.5 DAYS

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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
<b>(A) PLANNED OUTAGE</b>										
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.16/07/14)	
BCCPP	HRSQ2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED TP/PERMISSION GIVEN BY RUNNL ON DATE 17/08/17 BUT PROBLEM IN BCCPP END	
BCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED TP/PERMISSION GIVEN BY RUNNL ON DATE 17/08/17 BUT PROBLEM IN BCCPP END	
BCCPP	HRSQ1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASE/Depression not granted by revnl and Id msg on OP/12/7/00 @ 21:12:17 and op/12/7/00 @ 20:12:17	
BCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.24		AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by revnl and Id msg on OP/12/7/00 @ 23:12:17 and op/12/7/00 @ 20:12:17	
CHHABRA	4	250.00	225	54.00	225	18-Apr-18	23.30		ANNUAL SD	
STPS	6	250.00	229	55.00	229	27-Apr-18	2.40		DUE TO COAL SHOTAGE/READY FOR LIGHTUP FROM 22.00 OF 06.05.18 BU/permission not granted by revnl and Id msg on OP/05/14/06.05.18	
Total A STATE SECTOR- PLANNED OUTAGE										
		955.00	824.00	197.80	824.00					
<b>CENTRAL SECTOR</b>										
BADRI GFS	4	138.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN	
BADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN	
BADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN	
AURAYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN	
AURAYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN	
AURAYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN	
AURAYA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51		RESERVE SHUTDOWN	
ANTA GFS	2	88.71	31	7.50	31	02-Feb-18	20.06		RESERVE SHUTDOWN	
ANTA GFS	3	88.71	31	7.50	31	09-Mar-18	4.54		RESERVE SHUTDOWN	
ANTA GFS	4	153.20	34	8.20	34	09-Mar-18	5.03		RESERVE SHUTDOWN	
ANTA GFS	1	88.71	31	7.50	31	09-Mar-18	5.31		RESERVE SHUTDOWN	
UNCHABAR	5	210.00	24	5.70	24	17-Apr-18	0.25		UNIT TAKENOUT FOR ANNUAL OVER HAULING WORKS	
Total A-HE CENTRAL SECTOR- PLANNED OUTAGE										
		1485.71	289.00	69.90	289.00					
<b>(B) FORCE OUTAGE</b>										
<b>STATE SECTOR</b>										
STATE SECTOR										
GIRAL	2	125.00	70	17	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASM COOLERS	
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31		DUE TO GENERATOR TRIP	
BARSINGGAR	2	125.00	110	26	110	16-Apr-18	6.47		REFRATORY BREAKERS.	
ADANI	2	600.00	400	144	400	29-Apr-18	7.33		DUE TO CONDENSER TUBE LEAKAGE	
RAMGARH	GT-II	37.50	29	0	0	26-Apr-18	14.57	09-May-18	10.23	MAL FUNCTIONING OF AIR INLET DP TRANSMITTER SWITCH
STPS	3	250.00	229	55	229	08-May-18	16.40		BLAST IN WATER SYSTEM BREAKER IN SWITCH GEAR	
RAMGARH	GT-I	37.50	29	0	0	09-May-18	6.17	09-May-18	7.57	GENERATOR BREAKER TRIPPED
RAMGARH	SGT-4	37.50	29	0	0	09-May-18	6.17	10-May-18	1.46	DUE TO GT/ITRIPPED
RAMGARH	GT-I	37.50	29	0	0	09-May-18	8.32	09-May-18	12.16	GENERATOR BREAKER TRIPPED
RAMGARH	GT-II	37.50	29	0	0	09-May-18	10.35	09-May-18	10.33	ORLEAKAGE
KALISINDH	1	600.00	475	136	475	09-May-18	12.33		BOILER TUBE LEAKAGE	
RAMGARH	GT-I	37.50	29	0	0	09-May-18	14.20	09-May-18	15.07	GENERATOR BREAKER TRIPPED
RAMGARH	GT-I	37.50	29	7	29	09-May-18	17.11		GENERATOR BREAKER TRIPPED	
RAJWEST	7	130.00	120	20	120	09-May-18	23.40		REFRATORY DAMAGED	
Total B STATE SECTOR-FORCED OUTAGE										
		2757.50	2281.50	540.00	2107.50					
<b>CENTRAL SECTOR</b>										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
(STPP/BAJAB)	2	500.00	5	1.20	5	05-Apr-18	6.17		AMPOVERHAULING	
SINGRAULI	6	500.00	85	20.50	85	03-May-18	13.05		BOILER TUBE LEAKAGE	
AURAYA GFS	5	111.00	18	4.40	18	06-May-18	3.23		DRUM VIBRATION	
Total B CENTRAL SECTOR- FORCED OUTAGE										
		1611.00	108.00	26.10	108.00					
<b>G.TOTAL</b>			<b>575.18</b>	<b>2215.50</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 (S).