



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

<b>Power Position 09-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								
10-May-18										
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										
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										
01-May-18										
MAXIMUM OF THE MONTH	2279.26	2152.19	2132.98	1990.19	46.27	49.01	9847.00	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	65.13
AVERAGE	2129.78	1945.56	2039.34	1875.66	20.14	22.18	9598.88	8857.88	49.97	213.87
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
		8-May-18		
1	KTPS (1240/1240)	268.00	267.00	245.50
2	STPS (1500/1500)	220.00	252.00	198.73
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	37.00	34.87
5	RAPP-A(200/200)	40.00	36.00	40.58
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	164.00	155.61
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	255.00	241.00	224.54
11	WIND FARM (3980.40/4119.15)	92.50	169.00	105.71
12	SOLAR POWER(737.70/1295.70)	80.09	87.13	80.83
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	35.69	27.18	25.33
16	BIOMASS – (101.95/119.25)	8.00	8.00	6.28
17	BARSINGHAR LTPS(250/250)	26.00	26.00	26.10
18	RAJWEST (1080/1080)	229.00	201.00	176.86
	<b>TOTAL (A) : 1-18</b>	<b>1454.28</b>	<b>1515.30</b>	<b>1320.94</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.19	27.52	26.56
b)	DEHAR (198/ 990)	13.00	13.31	12.30
c)	PONG (231.66/396)	6.74	9.64	7.13
	<b>TOTAL : a TO c</b>	<b>45.93</b>	<b>50.47</b>	<b>45.98</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	85.84	58.02	66.04
e)	RIHAND (310.24/3000)	126.46	110.79	98.05
f)	UNCHAHAAR-I(20/420)	7.24	5.72	9.49
g)	UNCHAHAAR-II& III(61/630)	17.38	13.54	13.17
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	22.52	13.15	12.33
j)	DADRI GAS (77/830)	5.96	2.57	5.40
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)	4.36	4.36	4.36
n)	RAPP-B (125/440)	30.60	30.60	30.60
o)	RAPP-C (88/440)	18.50	18.46	18.46
p)	SALAL (20.36/690)	2.80	2.40	3.58
q)	URI (70.37/720)	16.17	16.17	16.18
r)	TANAKPUR (10.86/94)	0.71	0.76	0.73
s)	CHAMERA –I (105.84/540)	11.45	10.26	11.40
t)	CHAMERA-II (29.01/300)	4.91	4.26	5.02
u)	CHAMERA-III (25.21/231)	3.54	3.25	3.53
v)	DHAULIGANGA (27/280)	1.87	1.92	1.79
w)	DULHASTI (42.42/390)	9.79	9.82	9.82
x)	SEWA (13/120)	1.58	1.58	1.58
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.62	12.08	10.87
z)	TEHRI (75/1000)	3.36	3.15	3.15
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	6.96	6.96	6.72
ab)	TALA	1.44	1.24	1.24
ac)	MUNDRA UMPP (380/4000)	49.91	44.14	34.78
ad)	SASAN (372/3960)	84.54	79.02	74.21
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.85	26.03	20.86
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	<b>TOTAL SCHEDULE(a TO af)</b>	<b>605.27</b>	<b>530.72</b>	<b>509.35</b>
	LOSSES	1.03	0.00	0.00
	<b>NET SCHEDULED</b>	<b>606.30</b>	<b>530.72</b>	<b>509.35</b>
21	BILATERAL (REG.) EXCL. BANKING	6.46	6.77	6.05
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.65	47.22	55.84
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-35.69	-27.18	-25.33
25	INDIAN ENERGY EXCHANGE	15.04	21.50	21.50
	<b>TOTAL(B): (19 TO 25)</b>	<b>649.75</b>	<b>587.66</b>	<b>567.42</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>1888.35</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			16.20
	<b>GRAND TOTAL</b>	<b>2104.03</b>	<b>2102.96</b>	<b>1904.55</b>
	LAST YEAR	2127.50	1981.55	1900.91

3. SYSTEM PARAMETERS AS ON 08-May-18

MAXIMUM DRAWL ON 08-May-18	9152 MW at 15.30-15.45 Hrs 49.93 HZ
MINIMUM DRAWL ON 08-May-18	4847 MW at 04.30-04.45 Hrs 49.99 HZ
Max U/D of the day	1111 MW at 03.30-03.45 Hrs 50.04 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	67
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	31
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 HZ	9
No. of Blocks in which Freq. >= 50.00 & <50.05 HZ	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 HZ	11
No. of Blocks in which Freq. >= 50.05 & <50.10 HZ	2
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.	9-May-18	9-May-17		
Gandhi Sagar (Ft.)	1312	1250	1270.20	1295.85	NIL	219
R.P.Sagar (Ft.)	1157.5	1128	1139.72	1137.36	NIL	NIL
Jawahar Sagar (FL)	980	970.4	977.30	976.70	952	115
Kota Barrage(Ft.)	854.5	852.3	851.70	853.40		
RMC					20	
LMC					NIL	
Bhakra(FL)	1690	1462	1523.27	1534.63	2273	8962
Dehar (Ft.)	2941	2900	2920.66	2926.96	3504	3964
Pong(FL)	1421	1260	1291.15	1297.85	3506	1208
Mahi-I (Mts.)	281.5	259	269.70	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	8-May-18	49.95 HZ	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		746 MW at 06.45-07.00 Hrs 50.02 HZ	9-May-18	KTPS	30953	1.5 DAYS
Frequency Profile		% of Time				
LESS THAN 49.7 HZ		0.00				
LESS THAN 49.90 HZ		13.56				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		79.97				
ABOVE 50.05 HZ		6.47				
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		32				
No. of 132 KV Feeders Disconnected		0	CHHABRA	137016	18 DAYS	
4. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.						
9-May-18						
AVERAGE FREQ. FOR THE DAY						
Max O/D of the day						
Frequency Profile						
LESS THAN 49.7 HZ						
LESS THAN 49.90 HZ						
OPERATING RANGE (49.90 HZ TO 50.05 HZ)						
ABOVE 50.05 HZ						
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders						
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders						
No. of 132 KV Feeders Disconnected						
AVERAGE FREQ. FOR THE DAY			9-May-18	KALISINDH	77980	5.5 DAYS
Max O/D of the day						
Frequency Profile						
LESS THAN 49.7 HZ						
LESS THAN 49.90 HZ						
OPERATING RANGE (49.90 HZ TO 50.05 HZ)						
ABOVE 50.05 HZ						
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders						
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders						
No. of 132 KV Feeders Disconnected						

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	
STATE SECTOR								
GIRAL	1	125.00	70	16.80	70	13-Jul-14	8.20	RED MATERIAL LEAKAGE (SD W.E.F.18/7/14)
BCCPP	HRSQ2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED I/P PERMISSION GIVEN BY RUN/CL ON DATE 17/08/17 BUT PROBLEM IN BCCPP END
BCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED I/P PERMISSION GIVEN BY RUN/CL ON DATE 17/08/17 BUT PROBLEM IN BCCPP END
BCCPP	HRSQ1	55.00	50	12.00	50	13-Dec-17	21.12	SYSTEM LINE VOLTAGE INCREASE/permission not granted by excel and lt msg on OP/12/7/0 at 27.12.17 and op/12/7/0 at 28.12.17
BCCPP	GT01	110.00	100	24.00	100	13-Dec-17	23.34	AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by excel and lt msg on OP/12/7/0 at 27.12.17 and op/12/7/0 at 28.12.17
CHHABRA	4	250.00	225	54.00	225	16-Apr-18	23.30	ANNUAL S/D
STPS	5	250.00	229	0.00	0	30-Apr-18	23.12	08-May-18 3.05
STPS	2	250.00	229	0.00	0	01-May-18	13.53	08-May-18 3.47
STPS	6	250.00	229	55.00	229	27-Apr-18	2.40	DUE TO COAL SHOTAGE/READY FOR LIGHTUP FROM 22.04 OF 06.05.18 BUT permission not granted by excel and lt msg on OP/05/17 at 06.05.18
Total STATE SECTOR- PLANNED OUTAGE								
		1485.00	1282.00	197.80	824.00			
CENTRAL SECTOR								
BADHI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00	RESERVE SHUTDOWN
BADHI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22	RESERVE SHUTDOWN
BADHI GPS	3	130.00	22	5.30	22	25-Oct-17	22.20	RESERVE SHUTDOWN
AURAYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43	RESERVE SHUTDOWN
AURAYA GPS	6	109.00	18	4.40	18	25-Oct-17	22.09	RESERVE SHUTDOWN
AURAYA GPS	3	111.00	18	4.40	18	25-Oct-17	22.12	RESERVE SHUTDOWN
AURAYA GPS	1	111.19	18	4.40	18	28-Jun-18	5.51	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	03-Feb-18	20.06	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54	RESERVE SHUTDOWN
ANTA GPS	4	152.20	34	8.20	34	09-Mar-18	5.03	RESERVE SHUTDOWN
ANTA GPS	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 OVERHAULING WORKS
Total CENTRAL SECTOR- PLANNED OUTAGE								
		1485.71	289.00	69.90	289.00			
STATE SECTOR								
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-I
KALISINDH	2	600.00	475	136	475	07-Apr-18	17.31	DUE TO GENERATOR TRIP TRIP
BARSINGAR	2	125.00	110	26	110	16-Apr-18	0.47	REFRIGERY BREAKERS.
ADANI	2	600.00	600	144	600	29-Apr-18	7.33	DUE TO CONDENSER TUBE LEAKAGE
BAMGARI	GT-II	37.50	29	7	29	20-Apr-18	14.57	MAIL FUNCTIONING OF AIR INLET DP TRANSMITTER SWITCH
RAJWEST	6	135.00	120	0	0	03-May-18	19.40	08-May-18 12.19
RAJWEST	6	135.00	120	0	0	08-May-18	13.12	08-May-18 16.00
STPS	3	250.00	229	55	229	08-May-18	16.40	BLAST IN WATER SYSTEM BREAKER IN SWITCH GEAR
BAMGARI	GT-I	37.50	29	7	29	09-May-18	6.17	GENERATOR BREAKER TRIPPED
BAMGARI	SG-I	37.50	29	3	29	09-May-18	6.17	DUE TO GT/D TRIPPED
Total STATE SECTOR-FORCED OUTAGE								
		2142.50	1810.00	394.80	1571.00			
CENTRAL SECTOR								
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH
BIPP(BIJAJAR)	2	500.00	5	1.20	5	05-Apr-18	0.17	AMFOVERHAULING
SINGRAULI	6	500.00	85	20.50	85	03-May-18	13.05	BOILER TUBE LEAKAGE
AURAYA GPS	5	111.00	18	4.40	18	06-May-18	3.23	DRUM VIBRATION
Total CENTRAL SECTOR- FORCED OUTAGE								
		1611.00	108.00	26.10	108.00			
G.TOTAL				420.90	1679.00			

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 (\$).