



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

Power Position 13-Nov-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -NOV.- 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		
Nov-18										
01-Nov-18	2434.83	2009.41	2290.35	1998.02	16.06	34.81	11339	10042	49.98	50.32
02-Nov-18	2377.67	1965.07	2286.01	2032.70	18.96	39.51	11458	9814	49.97	53.53
03-Nov-18	2388.38	2115.83	2270.65	2077.30	45.25	4.73	11365	10315	49.95	75.54
04-Nov-18	2412.21	2027.68	2230.22	2071.16	-1.82	5.66	11059	10325	49.96	168.99
05-Nov-18	2416.17	2112.90	2195.33	2030.42	-22.34	18.60	10806	10314	49.96	109.21
06-Nov-18	2417.21	2085.27	2157.30	2083.96	1.86	-3.94	11037	10468	50.00	74.83
07-Nov-18	2396.24	1983.73	1994.84	2067.98	-8.21	28.29	10270	10156	50.01	30.71
08-Nov-18	2434.56	1911.17	1925.54	2100.53	15.84	49.30	10090	10056	49.99	32.53
09-Nov-18	2353.93	1960.09	2051.12	2145.85	0.99	43.41	10569	10111	49.97	29.24
10-Nov-18	2333.80	2030.51	2159.74	2153.37	10.30	16.28	10918	11092	49.96	30.47
11-Nov-18	2323.49	2028.14	2180.05	2104.12	13.40	5.44	11145	10937	49.97	42.21
12-Nov-18	2396.06	2038.67	2227.98	2053.30	25.68	15.96	11290	10542	49.97	63.82
13-Nov-18	2485.66	2026.23								
14-Nov-18										
15-Nov-18										
16-Nov-18										
17-Nov-18										
18-Nov-18										
19-Nov-18										
20-Nov-18										
21-Nov-18										
22-Nov-18										
23-Nov-18										
24-Nov-18										
25-Nov-18										
26-Nov-18										
27-Nov-18										
28-Nov-18										
29-Nov-18										
30-Nov-18										
MAXIMUM OF THE MONTH	2485.66	2115.83	2290.35	2153.37	45.25	49.30	11458.00	11092.00	50.01	168.99
MIN OF THE MONTH	2323.49	1911.17	1925.54	1998.02	-22.34	-3.94	10090.00	9814.00	49.95	29.24
AVERAGE	2397.71	2022.67	2164.09	2076.56	9.66	21.50	10945.50	10347.67	49.97	63.45
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2549.75	05-Jun-18		
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)							11698	(08.15-08.30Hrs.)	05-Jun-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.)							565.54	13-Jun-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 31.08.2018 (In MW)	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received
		12-Nov-18		
1	KTPS (1240/1240)	246.00	246.00	208.32
2	STPS (1500/1500)	220.00	220.00	179.79
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	18.51
5	RAPP-A(200/200)	43.00	43.00	37.19
6	MAHI (140/140)	0.00	0.00	5.55
7	CHAMBAL (RPS+JS) (135.5/271)	37.50	37.50	40.12
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCCTPP (660/660)	354.00	358.00	324.13
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	423.00	423.00	368.52
11	WIND FARM (4139.20/4292.95)	78.50	37.25	63.82
12	SOLAR POWER(1661.70/2250.16)	141.61	145.32	132.87
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.73
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.75
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	51.10
18	RAJWEST (1080/1080)	172.00	172.00	131.15
	<b>TOTAL (A) : 1-18</b>	<b>1794.61</b>	<b>1761.07</b>	<b>1589.55</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.30	20.71	19.87
b)	DEHAR (198/ 990)	10.67	10.59	11.46
c)	PONG (231.66/396)	27.63	24.44	25.35
	<b>TOTAL : a TO c</b>	<b>56.59</b>	<b>55.74</b>	<b>56.69</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	98.19	98.19	98.19
e)	RIHAND (310.24/3000)	123.07	123.07	123.07
f)	UNCHAHAAR-I(20/420)	9.79	6.22	3.48
g)	UNCHAHAAR-II& III & IV(135.09/1130)	22.67	22.66	12.06
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	14.57	7.16	3.38
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	12.63	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	1.79	1.26
m)	NAPP (44/440)	9.30	9.30	9.30
n)	RAPP-B (125/440)	15.87	15.87	15.87
o)	RAPP-C (88/440)	19.37	19.14	19.14
p)	SALAL (20.36/690)	1.10	1.00	1.08
q)	URI (70.37/720)	9.95	10.31	10.57
r)	TANAKPUR (10.86/94)	1.23	1.20	1.27
s)	CHAMERA –I (105.84/540)	6.60	6.60	6.60
t)	CHAMERA-II (29.01/300)	2.39	2.45	2.23
u)	CHAMERA-III (25.21/231)	1.57	1.57	1.57
v)	DHAULIGANGA (27/280)	1.52	2.25	1.85
w)	DULHASTI (42.42/390)	5.17	5.31	4.99
x)	SEWA (13/120)	0.62	0.73	0.73
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.21	9.67	9.67
z)	TEHRI (75/1000)	4.99	4.99	4.99
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.82	7.90	8.11
ab)	TALA	0.61	0.60	0.60
ac)	MUNDRA UMPP (380/4000)	72.89	68.61	68.61
ad)	SASAN (372/3960)	84.41	84.41	84.41
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.42	21.52	23.76
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	616.55	588.23	573.45
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>616.55</b>	<b>590.47</b>	<b>573.45</b>
21	BILATERAL (REG.) EXCL. BANKING	5.31	5.43	5.43
22	BANKING	7.30	7.30	7.30
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.97	84.30	104.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-32.64
25	INDIAN ENERGY EXCHANGE	-54.07	-45.20	-45.20
	<b>TOTAL(B): (19 TO 25)</b>	<b>691.06</b>	<b>634.99</b>	<b>612.75</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2202.30</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			25.68
	<b>GRAND TOTAL</b>	<b>2485.66</b>	<b>2396.06</b>	<b>2227.98</b>
	LAST YEAR	2026.23	2038.67	2053.30

## 3. SYSTEM PARAMETERS AS ON 12-Nov-18

MAXIMUM DRAWL ON 12-Nov-18	11290 MW at 8.15-08.30 Hrs 49.99 HZ
MINIMUM DRAWL ON 12-Nov-18	6934 MW at 04.00-04.15 Hrs 49.99 HZ
Max U/D of the day	316 MW at 00.00-00.15 Hrs 49.99 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 12-Nov-18	49.97 Hz
Max O/D of the day	573 MW at 07.15-07.30 Hrs 49.94 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.80
ABOVE 50.05 HZ	12.80
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

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	13-Nov-18	13-Nov-17		
Gandhi Sagar (Ft.)	1312	1250	1287.58	1300.22	1850	343
R.P.Sagar (Ft.)	1157.5	1128	1141.76	#REF!	6952	9111
Jawahar Sagar (Ft.)	980	970.4	973.90	974.70	8014	10952
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					610	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1667.06	1660.58	10999	9443
Dehar (Ft.)	2941	2900	2921.85	2919.75	3227	3552
Pong(Ft.)	1421	1260	1381.35	1364.60	9503	2660
Mahi-I (Mts.)	281.5	259	280.80	281.10	900	NA
Mahi-II (Mts.)	220.5	217	271.55	218.90	NA	NA

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

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
13-Nov-18	KTPS	313549	15.5 DAYS
	STPS	184182	7.5 DAYS
	CHHABRA	55541	7.5 DAYS
	KALISINDH	167615	12 DAYS

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

13-Nov-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)
RAMGARH	GT#2	37.50	29	7.00	29	23-Sep-18	1.10			NON AVAILABILITY OF SUFFICIENT GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	2	250.00	229	55.00	229	06-Nov-18	20.14			BOXED UP
STPS	6	250.00	229	55.00	229	07-Nov-18	19.45			BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			1042.50	897.00	215.40	897.00				
CENTRAL SECTOR										
RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57			ANNUAL MAINTENANCE
AURAIYA-GPS	2	111.19	18	4.40	18	05-Nov-18	23.54			RESERVE SHUTDOWN
AURAIYA-GPS	4	111.19	18	4.40	18	05-Nov-18	23.58	12-Nov-18	16.44	RESERVE SHUTDOWN
AURAIYA-GPS	1	111.19	18	4.40	18	06-Nov-18	22.39	12-Nov-18	18.27	RESERVE SHUTDOWN
DADRI-GPS	1	130.19	22	5.30	22	06-Nov-18	23.01	12-Nov-18	18.04	RESERVE SHUTDOWN
ANTA-GPS	3	88.71	31	7.50	31	06-Nov-18	22.43			RESERVE SHUTDOWN
DADRI-GPS	5	154.51	16	3.90	16	07-Nov-18	21.18			RESERVE SHUTDOWN
DADRI-GPS	2	130.19	22	5.30	22	07-Nov-18	21.25	12-Nov-18	15.06	RESERVE SHUTDOWN
DADRI-GPS	6	154.51	16	3.90	16	07-Nov-18	21.35	12-Nov-18	20.09	RESERVE SHUTDOWN
AURAIYA-GPS	5	109.20	12	2.90	12	07-Nov-18	21.39			RESERVE SHUTDOWN
ANTA-GPS	2	88.71	31	7.50	31	07-Nov-18	21.39	12-Nov-18	15.29	RESERVE SHUTDOWN
ANTA-GPS	4	153.20	34	8.20	34	07-Nov-18	21.41	12-Nov-18	18.07	RESERVE SHUTDOWN
DADRI-GPS	3	130.19	22	5.30	22	07-Nov-18	21.44	12-Nov-18	16.43	RESERVE SHUTDOWN
AURAIYA-GPS	3	111.19	18	4.40	18	07-Nov-18	21.45			RESERVE SHUTDOWN
ANTA-GPS	1	88.71	31	7.50	31	07-Nov-18	22.09	12-Nov-18	19.56	RESERVE SHUTDOWN
DADRI-GPS	1	130.19	22	5.30	22	12-Nov-18	23.25			RESERVE SHUTDOWN
DADRI-GPS	4	130.19	22	5.30	22	12-Nov-18	23.06			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			2153.36	415.80	100.57	415.80				
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
KTPS	1	110.00	100	23.00	100	31-May-18	17.25			DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER
RAJWEST	8	135.00	120	28.68	120	02-Nov-18	18.39			BED MATERIAL LEAKAGE
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57			BED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE			1105.00	974.00	232.76	975.00				
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
DADRI-GPS	4	130.19	22	0.00	0	05-Nov-18	19.20	12-Nov-18	20.09	BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE			630.19	22.00	0.00	0.00				
G.TOTAL			232.76	975.00						

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 (\$).