



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

Power Position 06-Feb-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -FEB.- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
Feb-19										
01-Feb-19	2627.96	2008.01	2364.93	2081.33	26.72	56.58	12650	10255	49.98	239.98
02-Feb-19	2540.91	2052.78	2339.80	2122.51	-19.01	45.24	12062	11449	49.98	204.04
03-Feb-19	2632.07	2105.08	2351.22	2127.65	-3.94	53.52	12525	11342	49.98	201.81
04-Feb-19	2536.79	2166.72	2298.97	2058.49	-6.46	6.28	12089	11191	50.01	178.20
05-Feb-19	2584.22	2149.39	2393.31	2099.17	8.01	33.41	12543	11350	49.99	60.07
06-Feb-19	2711.15	2213.60								
07-Feb-19										
08-Feb-19										
09-Feb-19										
10-Feb-19										
11-Feb-19										
12-Feb-19										
13-Feb-19										
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23-Feb-19										
24-Feb-19										
25-Feb-19										
26-Feb-19										
27-Feb-19										
28-Feb-19										
MAXIMUM OF THE MONTH	2711.15	2213.60	2393.31	2127.65	26.72	56.58	12650.00	11449.00	50.01	239.98
MIN OF THE MONTH	2536.79	2008.01	2298.97	2058.49	-19.01	6.28	12062.00	10255.00	49.98	60.07
AVERAGE	2605.52	2115.93	2349.65	2097.83	1.06	39.01	12373.80	11117.40	49.99	176.82
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)							13276	(09.30-09.45Hrs.)	28-Dec-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 Day	Prior assessment of Avail.	Actual Energy Received
		5-Feb-19		
1	KTPS (1240/1240)	224.00	224.00	204.06
2	STPS (1500/1500)	273.00	275.00	236.96
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	20.00	21.14
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	7.06
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	35.03
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	358.00	218.00	214.36
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	559.00	559.00	491.38
11	WIND FARM (4139.20/4292.95)	108.50	69.50	60.07
12	SOLAR POWER(1661.70/2250.16)	163.67	168.32	168.72
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	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	1.00	2.00	1.49
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	201.00	201.00	168.85
	<b>TOTAL (A) : 1-18</b>	<b>1948.17</b>	<b>1775.82</b>	<b>1609.12</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.18	24.33	23.50
b)	DEHAR (198/ 990)	6.52	5.33	6.05
c)	PONG (231.66/396)	31.55	33.44	33.44
	<b>TOTAL : a TO c</b>	<b>59.25</b>	<b>63.09</b>	<b>62.99</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	89.18	95.57	95.57
e)	RIHAND (310.24/3000)	100.82	109.37	109.09
f)	UNCHAHAHAR-I(20/420)	5.68	5.70	3.83
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	19.98	42.25	26.82
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	15.74	15.03	7.33
j)	DADRI GAS (77/830)	5.18	5.04	3.83
k)	ANTA (83.07/419)	0.00	2.66	2.47
l)	AURAIYA (61.03/663)	2.31	1.47	0.46
m)	NAPP (44/440)	4.51	4.53	4.53
n)	RAPP-B (125/440)	27.59	24.13	24.13
o)	RAPP-C (88/440)	18.90	18.90	18.90
p)	SALAL (20.36/690)	0.99	1.05	1.02
q)	URI (70.37/720)	7.84	8.41	7.99
r)	TANAKPUR (10.86/94)	0.47	0.50	0.43
s)	CHAMERA –I (105.84/540)	5.16	5.16	5.16
t)	CHAMERA-II (29.01/300)	1.25	1.24	1.19
u)	CHAMERA-III (25.21/231)	0.87	0.87	0.87
v)	DHAULIGANGA (27/280)	0.79	0.79	0.79
w)	DULHASTI (42.42/390)	2.92	2.92	2.92
x)	SEWA (13/120)	2.04	1.53	1.53
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	4.86	5.58	5.22
z)	TEHRI (75/1000)	5.77	6.20	6.20
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.35	5.35	5.35
ab)	TALA	0.02	0.02	0.02
ac)	MUNDRA UMPP (380/4000)	67.66	70.55	70.55
ad)	SASAN (372/3960)	80.96	83.98	83.98
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.73	22.31	20.56
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	<b>TOTAL SCHEDULE(a TO af)</b>	<b>558.82</b>	<b>604.24</b>	<b>573.75</b>
	LOSSES	0.00	0.00	0.00
	<b>NET SCHEDULED</b>	<b>558.82</b>	<b>604.24</b>	<b>573.75</b>
21	BILATERAL (REG.) EXCL. BANKING	2.87	2.94	2.94
22	BANKING	12.97	12.97	12.97
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	114.81	112.20	112.20
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-1.74
25	INDIAN ENERGY EXCHANGE	-0.47	76.05	76.05
	<b>TOTAL(B): (19 TO 25)</b>	<b>689.00</b>	<b>808.40</b>	<b>776.18</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>2385.30</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			8.01
	<b>GRAND TOTAL</b>	<b>2637.17</b>	<b>2584.22</b>	<b>2393.31</b>
	LAST YEAR	2213.60	2149.39	2099.17

## 3. SYSTEM PARAMETERS AS ON 05-Feb-19

MAXIMUM DRAWL ON 05-Feb-19	12543 MW at 12.15-12.30 HRS 50.01 HZ
MINIMUM DRAWL ON 05-Feb-19	6772 MW at 04.00-04.15 Hrs 50.00 HZ
Max U/D of the day	410 MW at 04.00-04.15 Hrs 50.00 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
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	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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.	6-Feb-19	6-Feb-18		
Gandhi Sagar (Fl.)	1312	1250	1268.90	1284.50	9756	NA
R.P.Sagar (Fl.)	1157.5	1128	1139.38	#REF!	7751	17915
Jawahar Sagar (Fl.)	980	970.4	974.60	974.00	7982	10631
Kota Barrage(Fl.)	854.5	852.3	854.40	854.50		
RMC					6225	
LMC					1400	
Bhakra(Fl.)	1690	1462	1635.99	NA	14310	6254
Dehar (Fl.)	2941	2900	2922.83	NA	1913	2070
Pong(Fl.)	1421	1260	1348.54	NA	13306	4160
Mahi-I (Mts.)	281.5	259	274.20	275.25	3038	NIL
Mahi-II (Mts.)	220.5	217	218.20	218.45	753	NIL

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

AVERAGE FREQ. FOR THE DAY	5-Feb-19	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	602 MW at 01.00-01.15 Hrs 50.03 HZ		6-Feb-19	KTPS	112268 MT	5.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	7.70					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.00					
ABOVE 50.05 HZ	19.30					
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				208709 MT	28 days
					206217 MT	15 days

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

6-Feb-19

## (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	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	3	250.00	229	55.00	229	23-Jan-19	1.30			BOXED UP (ANNUAL SHUT DOWN VIDE OP#1077 Dated 22.01.19 FOR 21 DAYS)
STPS	6	250.00	229	0.00	0	24-Jan-19	3.26	04-Feb-19	5.36	BOXED UP (AS PER OP#10746 Dated 24.01.19 DUE TO LOW DEMAND)
KTPS	4	210.00	192	46.00	192	04-Feb-19	23.52			ESP. & OTHER MISC. MAINT. WORK FOR 15 DAYS
Total(A)-STATE SECTOR-PLANNED OUTAGE		1165.00	1010.00	187.40	781.00					
CENTRAL SECTOR										
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
DADRI GPS	4	130.19	22	5.30	22	22-Dec-18	9.35			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.90	16	05-Jan-19	10.18			RESERVE SHUTDOWN
DADRI STPS	2	210.00	NA	NA	NA	01-Feb-19	0.05			RESERVE SHUTDOWN
AURAIYA GPS	1	88.71	31	7.50	31	05-Feb-19	9.10			RESERVE SHUTDOWN
AURAIYA GPS	2	88.71	31	7.50	31	05-Feb-19	10.44			RESERVE SHUTDOWN
AURAIYA GPS	4	153.20	34	8.20	34	05-Feb-19	11.20			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		934.62	146.00	35.30	146.00					
STATE SECTOR										
<b>STATE SECTOR</b>										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAPP-A	2	200.00	150	36.00	150	11-Jan-19	14.43			TECHNICAL PROBLEM
BTPP	1	125.00	110	26.40	110	12-Jan-19	23.41			REFRACTORY FAILURE
RAJWEST	7	135.00	120	28.67	120	30-Jan-19	22.00			RED MATERIAL LEAKAGE
ESTPP	5	600.00	600	0.00	0	03-Feb-19	23.49	05-Feb-19	19.38	DUE TO ATTENDING LEAKAGE OF BCP
BTPP	2	125.00	110	26.40	110	04-Feb-19	21.47			REFRACTORY FAILURE
RAJWEST	7	135.00	120	19.29	120	06-Feb-19	7.39			RED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		1665.00	1420.00	187.16	820.00					
CENTRAL SECTOR										
ENCHHAR	6	500.00	74	18.00	74	05-Feb-19	19.56			BOILER TUBE LEAKAGE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		500.00	74.00	18.00	74.00					
G.TOTAL				205.16	894.00					

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 (\$).