



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

Power Position 05-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		
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								
06-Feb-19										
07-Feb-19										
08-Feb-19										
09-Feb-19										
10-Feb-19										
11-Feb-19										
12-Feb-19										
13-Feb-19										
14-Feb-19										
15-Feb-19										
16-Feb-19										
17-Feb-19										
18-Feb-19										
19-Feb-19										
20-Feb-19										
21-Feb-19										
22-Feb-19										
23-Feb-19										
24-Feb-19										
25-Feb-19										
26-Feb-19										
27-Feb-19										
28-Feb-19										
MAXIMUM OF THE MONTH	2632.07	2166.72	2364.93	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	178.20
AVERAGE	2584.39	2096.40	2338.73	2097.50	-0.67	40.41	12331.50	11059.25	49.99	206.01
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
		4-Feb-19		
1	KTPS (1240/1240)	224.00	270.00	239.34
2	STPS (1500/1500)	275.00	255.00	218.51
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	21.05
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	6.42
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	28.14
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	218.00	218.00	197.62
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	559.00	559.00	421.69
11	WIND FARM (4139.20/4292.95)	69.50	144.50	178.20
12	SOLAR POWER(1661.70/2250.16)	168.32	125.81	163.66
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)	2.00	7.00	1.50
17	BARSINGHSAR LTPS(250/250)	0.00	26.00	23.10
18	RAJWEST (1080/1080)	201.00	199.24	167.35
	TOTAL (A) : 1-18	1775.82	1863.55	1666.58
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.33	24.49	24.24
b)	DEHAR (198/ 990)	5.33	5.92	6.29
c)	PONG (231.66/396)	33.44	33.44	33.44
	TOTAL : a TO c	63.09	63.85	63.97
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.57	73.57	72.96
e)	RIHAND (310.24/3000)	109.37	94.21	93.85
f)	UNCHAHAAR-I(20/420)	5.70	5.71	4.99
g)	UNCHAHAAR-II& III & IV(135.09/1130)	42.25	43.32	21.66
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.03	14.69	5.78
j)	DADRI GAS (77/830)	5.04	3.78	3.60
k)	ANTA (83.07/419)	2.66	9.69	6.63
l)	AURAIYA (61.03/663)	1.47	0.00	0.00
m)	NAPP (44/440)	4.53	4.51	4.51
n)	RAPP-B (125/440)	24.13	12.68	20.68
o)	RAPP-C (88/440)	18.90	18.90	18.90
p)	SALAL (20.36/690)	1.05	1.02	1.39
q)	URI (70.37/720)	8.41	8.56	7.99
r)	TANAKPUR (10.86/94)	0.50	0.51	0.46
s)	CHAMERA –I (105.84/540)	5.16	5.16	5.16
t)	CHAMERA-II (29.01/300)	1.24	1.21	1.28
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	2.97	2.97
x)	SEWA (13/120)	1.53	1.53	1.53
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.58	5.58	5.58
z)	TEHRI (75/1000)	6.20	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)	70.55	64.76	62.81
ad)	SASAN (372/3960)	83.98	69.56	69.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.31	22.70	20.74
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	604.24	541.73	510.25
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	604.24	541.73	510.25
21	BILATERAL (REG.) EXCL. BANKING	2.94	3.21	3.21
22	BANKING	12.97	12.97	12.97
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	112.20	110.73	110.73
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-2.92
25	INDIAN ENERGY EXCHANGE	76.05	4.60	4.60
	TOTAL(B): (19 TO 25)	808.40	673.24	638.85
	TOTAL GENERATION (A +B) : 1 TO 25			2305.43
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.46
	GRAND TOTAL	2584.22	2536.79	2298.97
	LAST YEAR	2149.39	2166.72	2058.50

3. SYSTEM PARAMETERS AS ON 04-Feb-19

MAXIMUM DRAWL ON 04-Feb-19	12089 MW at 11.30-11.45 HRS 50.03 HZ
MINIMUM DRAWL ON 04-Feb-19	6230 MW at 04.00-04.15 Hrs 50.00 HZ
Max U/D of the day	665 MW at 09.15-09.30 Hrs 50.03 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
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	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	13
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
No. of Blocks in which Freq. >= 50.10	1
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.	5-Feb-19	5-Feb-18		
Gandhi Sagar (Fl.)	1312	1250	1268.90	1284.50	9544	NA
R.P.Sagar (Fl.)	1157.5	1128	1139.25	#REF!	5782	NA
Jawahar Sagar (Fl.)	980	970.4	975.00	974.20	7865	NA
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1400	
Bhakra(Fl.)	1690	1462	1635.99	1610.38	15143	6278
Dehar (Fl.)	2941	2900	2923.29	2923.62	1731	1934
Pong(Fl.)	1421	1260	1348.95	1329.82	14113	3852
Mahi-I (Mts.)	281.5	259	274.75	275.30	2570	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.60	753	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	4-Feb-19	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days		
Max O/D of the day	778 MW at 22.00-22.15 Hrs 50.02 HZ		5-Feb-19	KTPS	115513 MT	6 days		
Frequency Profile	% of Time							
LESS THAN 49.7 HZ	0.00							
LESS THAN 49.90 HZ	3.00							
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.70							
ABOVE 50.05 HZ	23.30							
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			KALISINDH	208902 MT	15 days		
STPS			STPS				121122 MT	5 days
			CHHABRA				173136 MT	23 days

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

5-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#1746 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 GPS	6	154.51	16	0.00	0	22-Dec-18	11.18	01-Feb-19	10.19	RESERVE SHUTDOWN
DADRI TPS	2	210.00	NA	NA	NA	01-Feb-19	0.05			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		758.51	66.00	12.10	50.00					

(B) FORCE OUTAGE

STATE SECTOR										
GIRAL	2	125	70	16.8	70	42396	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110	100	24	100	43441	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50	40	9.6	40	43378	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAPP-A	2	200	150	30	150	43476	14.43			TECHNICAL PROBLEM
BTPP	1	125	110	26.4	110	43477	23.41			REFRACTORY FAILURE
RAIWEST	7	135	120	28.07	120	43495	22			BED MATERIAL LEAKAGE
CSTPP	5	660	600	144	600	43499	23.49			DUE TO ATTENDING LEAKAGE OF BCP
BTPP	2	125	110	26.4	110	43500	21.47			REFRACTORY FAILURE
Total(B)-STATE SECTOR-FORCED OUTAGE		1530.00	1300.00	311.87	1300.00					

CENTRAL SECTOR

RHAND	4	500.00	34	0.00	0	29-Jan-19	2.09	31-Jan-19	11.46	TRIPPED ON LOW OIL PRESSURE
RHAND	3	500.00	34	0.00	0	02-Feb-19	18.55	03-Feb-19	4.42	TURBINE PROTECTION OPERATED
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1000.00	68.00	0.00	0.00					

G.TOTAL

311.87

1300.00

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 (\$).