



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

Power Position 06-Feb-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -FEB- 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
Feb-18										
01-Feb-18	2008.01	1981.35	2081.33	1936.44	56.58	29.68	10255.00	9726.00	49.99	141.73
02-Feb-18	2052.78	1921.16	2122.51	1946.33	45.24	33.26	11449.00	9388.00	49.99	99.13
03-Feb-18	2105.08	2013.57	2127.65	1994.53	53.52	44.30	11342.00	9698.00	49.97	51.10
04-Feb-18	2166.72	2054.45	2058.49	2008.62	6.28	27.88	11191.00	9688.00	50.00	187.93
05-Feb-18	2149.39	2045.91	2099.17	1945.51	33.41	46.62	11350.00	9683.00	49.98	145.87
06-Feb-18	2213.60	2085.22								
07-Feb-18										
08-Feb-18										
09-Feb-18										
10-Feb-18										
11-Feb-18										
12-Feb-18										
13-Feb-18										
14-Feb-18										
15-Feb-18										
16-Feb-18										
17-Feb-18										
18-Feb-18										
19-Feb-18										
20-Feb-18										
21-Feb-18										
22-Feb-18										
23-Feb-18										
24-Feb-18										
25-Feb-18										
26-Feb-18										
27-Feb-18										
28-Feb-18										
MAXIMUM OF THE MONTH	2213.60	2085.22	2127.65	2008.62	56.58	46.62	11449.00	9726.00	50.00	187.93
MIN OF THE MONTH	2008.01	1921.16	2058.49	1936.44	6.28	27.88	10255.00	9388.00	49.97	51.10
AVERAGE	2101.94	2016.95	2097.83	1966.29	39.01	36.35	11117.40	9636.60	49.99	125.15
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10348	(8.15-8.30 Hrs.)	25/1/2017	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

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
		5-Feb-18		
1	KTPS (1240/1240)	247.00	225.00	212.23
2	STPS (1500/1500)	273.00	273.00	249.79
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	31.00	42.00	39.85
5	RAPP-A(200/200)	43.00	43.00	44.63
6	MAHI (140/140)	0.00	0.00	6.85
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.53
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	117.55
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	244.27
11	WIND FARM (3980.40/4119.15)	186.00	155.00	145.87
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-5.92	-3.69	-4.46
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.93
17	BARSINGHAR LTPS(250/250)	51.00	52.00	50.08
18	RAJWEST (1080/1080)	201.00	201.00	177.75
	TOTAL (A) : 1-18	1451.70	1412.93	1327.87
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.29	26.32	26.97
b)	DEHAR (198/ 990)	5.01	4.62	5.17
c)	PONG (231.66/396)	29.04	29.60	30.17
	TOTAL : a TO c	61.34	60.54	62.32
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	95.28	95.28	95.28
e)	RIHAND (310.24/3000)	124.67	108.52	108.55
f)	UNCHAHAHAR-I(20/420)	16.46	5.93	5.47
g)	UNCHAHAHAR-II& III(61/630)	33.86	21.98	19.55
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	8.67	7.96	12.49
j)	DADRI GAS (77/830)	9.49	3.64	3.21
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)	9.89	9.74	9.74
n)	RAPP-B (125/440)	16.83	16.66	16.66
o)	RAPP-C (88/440)	9.57	19.96	19.96
p)	SALAL (20.36/690)	0.49	0.49	0.49
q)	URI (70.37/720)	2.70	2.76	2.63
r)	TANAKPUR (10.86/94)	0.31	0.31	0.29
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.80	0.88
u)	CHAMERA-III (25.21/231)	0.55	0.55	0.71
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.50	2.50	2.50
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.86	5.86	5.86
z)	TEHRI (75/1000)	5.60	5.60	5.60
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.38
ab)	TALA	0.24	0.15	0.15
ac)	MUNDRA UMPP (380/4000)	85.68	77.06	76.94
ad)	SASAN (372/3960)	89.04	89.04	89.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.26	25.34	23.08
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	616.04	567.56	571.11
	LOSSES	-40.41	-36.92	-39.81
	NET SCHEDULED	575.63	530.64	531.30
21	BILATERAL (REG.) EXCL. BANKING	4.39	4.51	4.51
22	BANKING	15.58	15.58	15.58
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.13	113.16	113.13
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	5.92	3.69	4.46
25	INDIAN ENERGY EXCHANGE	47.25	68.91	68.91
	TOTAL(B): (19 TO 25)	761.91	736.46	737.89
	TOTAL GENERATION (A +B) : 1 TO 25			2065.76
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.41
	GRAND TOTAL	2213.60	2149.39	2099.17
	LAST YEAR	2085.22	2045.91	1945.51

3. SYSTEM PARAMETERS AS ON 05-Feb-18

MAXIMUM DRAWL ON 05-Feb-18	11350 MW at 08.15-08.30 Hrs 49.96 Hz
MINIMUM DRAWL ON 05-Feb-18	6514 MW at 04.00-04.15Hrs 49.95 Hz
Max U/D of the day	409 MW at 19.30-19.45 HRS 50.02 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	26
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	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	6
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	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
AVERAGE FREQ. FOR THE DAY 5-Feb-18	49.98 Hz
Max O/D of the day	504 MW at 09.30-09.45 HRS 49.96 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.08
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	81.89
ABOVE 50.05 HZ	13.03
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	79
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.	6-Feb-18	6-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1284.50	1303.59	NA	187
R.P.Sagar (Ft.)	1157.5	1128	1137.04	1134.82	8265	NA
Jawahar Sagar (Ft.)	980	970.4	974.00	978.40	7709	NA
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	NA	1578.42	NA	NA
Dehar (Ft.)	2941	2900	NA	2917.71	NA	NA
Pong(Ft.)	1421	1260	NA	1326.44	NA	NA
Mahi-I (Mts.)	281.5	259	275.25	276.25	3025	NIL
Mahi-II (Mts.)	220.5	217	218.45	217.00	485	NIL

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
6-Feb-18	KTPS	16549	1 day
	STPS	29971	1 day
	CHHABRA	108211	14.5 days
	KALISINDH	22109	1.5 days

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

6-Feb-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 (S/D W.E.F.15.87.14)
DCPP	HRSg2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.88.17 BUT PROBLEM IN DCPP END.)
DCPP	GT2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.88.17 BUT PROBLEM IN DCPP END.)
DCPP	HRSg1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
DCPP	GT1	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		455.00	370.00	88.80	370.00					
CENTRAL SECTOR										
DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.80			RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.89			RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.87			GENERAL MAINTENANCE
AURAIYA GPS	2	111.19	18	0.00	0	19-Dec-17	19.53	31-Jan-18	23.30	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
DABRI GPS	1	130.19	22	5.30	22	02-Feb-18	19.34			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	02-Feb-18	19.39			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	02-Feb-18	20.18			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	02-Feb-18	20.42			RESERVE SHUTDOWN
DABRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33			ANNUAL MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2336.09	400.80	92.56	383.00					

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			DATE	TIME	REASON OF OUTAGE		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS-I		
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	ELECTICAL PROTECTIONS(D 0110.01.2018)		
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	GT PROTECTION BUCBLOZALARM.		
ADANI	1	660.00	600	144.00	600	06-Jan-18	8.31	LOW COAL STOCK		
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52	LOW COAL STOCK		
RAMGARH	GT1	37.50	29	7.00	29	20-Jan-18	19.19	NON AVAILABILITY OF GAS		
CHHABRA	2	250.00	210	54.00	210	31-Jan-18	14.00	HIGH AXIAL SHIFT		
RAJWEST	2	135.00	120	28.68	120	01-Feb-18	4.37	BED MATERIAL LEAKAGE		
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28	LEAKAGE IN BOILER DUCT		
RAMGARH	GT2	37.50	29	0.20	0	05-Feb-18	22.19	DUE TO HIGH SPREAD		
RAMGARH	STG1	37.50	10	0.28	0	05-Feb-18	22.19	DUE TO HIGH SPREAD		
RAMGARH	STG1	37.50	10	2.65	10	06-Feb-18	2.46	DUE TO LP MAIN VALVE NOT WORKING PROPERLY SO LP DRUM LEVEL VERY HIGH		
RAMGARH	GT2	37.50	29	6.10	29	06-Feb-18	3.84	DUE TO HIGH SPREAD		
Total(B) STATE SECTOR-FORCED OUTAGE		2627.50	2246.00	535.71	2286.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH		
DABRI GPS	5	154.51	16	0.00	0	28-Jan-18	18.19	21.46	problem in gas valve	
UNCHAHAR	1	210.00	11	2.70	11	01-Feb-18	10.38		AIR PRE HEATER PROBLEM	
Total(B) CENTRAL SECTOR- FORCED OUTAGE		864.51	27.00	2.70	11.00					
G.TOTAL			538.41	2217.50						

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).