



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

Power Position 14-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	2071.52	1978.22	12.14	31.44	11267.00	9511.00	49.96	126.26
07-Feb-18	2059.61	2072.74	2065.91	2043.06	15.33	26.97	11173.00	9979.00	49.96	60.45
08-Feb-18	1997.16	2050.40	2029.23	2053.28	53.51	48.37	10601.00	9955.00	49.96	11.51
09-Feb-18	1992.00	1941.95	2073.29	1999.59	41.36	42.41	10966.00	9916.00	49.94	18.71
10-Feb-18	2074.08	2047.09	2085.48	2014.18	26.12	30.73	11081.00	10003.00	49.96	53.76
11-Feb-18	2137.26	2037.76	2040.75	1995.19	6.47	32.31	11111.00	9592.00	50.00	128.34
12-Feb-18	2118.77	2019.27	2061.83	1962.72	21.49	29.12	11220.00	9881.00	49.98	71.46
13-Feb-18	2163.37	2028.41	2045.89	1977.49	-1.49	45.52	10853.00	9852.00	49.98	81.86
14-Feb-18	2048.54	1974.24								
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	2053.28	56.58	48.37	11449.00	10003.00	50.00	187.93
MIN OF THE MONTH	1992.00	1921.16	2029.23	1936.44	-1.49	26.97	10255.00	9388.00	49.94	11.51
AVERAGE	2086.96	2019.37	2074.08	1988.86	28.46	36.05	11066.08	9759.38	49.97	90.62
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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		12-Feb-18			13-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	211.97	246.00	246.00	201.82
2	STPS (1500/1500)	218.00	218.00	186.51	218.00	218.00	179.61
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	43.00	42.48	42.00	42.00	41.80
5	RAPP-A(200/200)	43.00	46.00	44.34	43.00	43.00	44.16
6	MAHI (140/140)	0.00	0.00	6.94	0.00	0.00	8.96
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	36.51	38.62	38.62	34.58
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	219.00	271.74	218.00	218.00	257.88
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	232.87	273.00	273.00	222.62
11	WIND FARM (3980.40/4119.15)	42.50	73.00	71.46	86.50	42.50	81.86
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.93	0.00	0.00	3.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	11.35	19.38	20.32	5.76	11.35	12.02
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.87	5.00	5.00	4.57
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	49.56	52.00	52.00	48.99
18	RAJWEST (1080/1080)	201.00	172.00	153.61	229.00	201.00	176.80
	TOTAL (A) : 1-18	1390.47	1403.00	1334.11	1456.88	1390.47	1318.67
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	21.92	24.62	23.24	24.86	21.92	23.58
b)	DEHAR (198/ 990)	4.85	5.25	4.85	5.17	4.85	5.17
c)	PONG (231.66/396)	28.33	33.66	30.63	28.14	28.33	27.23
	TOTAL : a TO c	55.11	63.53	58.73	58.18	55.11	55.98
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)	98.22	91.95	92.28	89.97	98.22	98.06
e)	RIHAND (310.24/3000)	146.30	115.02	120.06	98.00	146.30	129.03
f)	UNCHAHAAR-I(20/420)	5.84	6.36	8.28	6.28	5.84	3.35
g)	UNCHAHAAR-II& III(61/630)	21.70	23.30	20.45	23.07	21.70	12.94
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.79	8.33	3.70	8.43	7.79	1.80
j)	DADRI GAS (77/830)	3.52	3.77	2.72	3.70	3.52	1.32
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.96	9.96	9.96	9.89	9.96	9.96
n)	RAPP-B (125/440)	34.01	34.27	34.27	34.01	34.01	34.01
o)	RAPP-C (88/440)	9.57	9.57	9.57	9.57	9.57	9.57
p)	SALAL (20.36/690)	0.52	0.49	0.73	0.58	0.52	0.66
q)	URI (70.37/720)	2.70	2.62	2.55	2.73	2.70	2.86
r)	TANAKPUR (10.86/94)	0.23	0.26	0.26	0.25	0.23	0.23
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.87	0.87	0.87	0.87	0.87
u)	CHAMERA-III (25.21/231)	0.50	0.50	0.72	0.50	0.50	0.58
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.18	2.07	2.07	2.39	2.18	2.39
x)	SEWA (13/120)	0.39	0.39	0.39	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.58	5.58	5.58	5.58	5.58	5.58
z)	TEHRI (75/1000)	5.51	5.51	5.51	5.51	5.51	5.51
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	5.38	5.38	5.38	2.55	5.38
ab)	TALA	0.13	0.13	0.13	0.17	0.13	0.13
ac)	MUNDRA UMPP (380/4000)	88.73	74.10	74.10	67.45	88.73	83.50
ad)	SASAN (372/3960)	86.79	71.70	72.96	63.45	86.79	86.79
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.04	24.55	19.96	22.60	26.04	20.31
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	618.68	564.16	555.16	522.90	618.68	575.14
	LOSSES	-36.95	-36.00	-35.61	-33.37	-36.95	-36.92
	NET SCHEDULED	581.73	528.16	519.55	489.53	581.73	538.22
21	BILATERAL (REG.) EXCL. BANKING	4.43	4.43	4.43	4.43	4.43	4.43
22	BANKING	15.64	15.64	15.64	15.64	15.64	15.64
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.61	91.98	113.61	59.38	92.50	113.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-11.35	-19.38	-20.32	-5.76	-11.35	-12.02
25	INDIAN ENERGY EXCHANGE	68.83	73.31	73.31	28.44	68.83	68.83
	TOTAL(B): (19 TO 25)	772.89	715.76	706.22	591.66	772.89	728.71
	TOTAL GENERATION (A +B) : 1 TO 25			2040.33			2047.38
	OVER DRAWAL (+)/UNDER DRAWAL (-)			21.49			-1.49
	GRAND TOTAL	2163.37	2118.77	2061.82	2048.54	2163.37	2045.89
	LAST YEAR	2028.41	2019.27	1962.72	1974.24	2028.41	1977.49

3. SYSTEM PARAMETERS AS ON 13-Feb-18

MAXIMUM DRAWL ON 13-Feb-18	10853 MW at 8.45 Hrs 49.96 Hz
MINIMUM DRAWL ON 13-Feb-18	6435 MW at 04.00-04.15Hrs 50.01 Hz
Max U/D of the day	620 MW at 7.30HRS 49.92 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	57
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	11
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 13-Feb-18	49.98 Hz
Max O/D of the day	645 MW at 13.15 HRS 50.06 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.77
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.09
ABOVE 50.05 HZ	11.14
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 (cumecs)	Inflow (cumecs)
	Max.	Min.	14-Feb-18	14-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1302.68	9100	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.99	1137.29	7001	8149
Jawahar Sagar (Ft.)	980	970.4	974.70	976.90	7884	6710
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1603.16	1571.45	15448	6332
Dehar (Ft.)	2941	2900	2921.80	2917.06	1398	1669
Pong(Ft.)	1421	1260	1324.62	1322.68	12002	2703
Mahi-I (Mts.)	281.5	259	274.65	275.75	2850	NIL
Mahi-II (Mts.)	220.5	217	217.35	217.60	435	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
14-Feb-18	KTPS	29733	1.5 DAYS
	STPS	35004	1.5 DAYS
	CHHABRA	101373	13.5 DAYS
	KALISINDH	13783	1 DAY

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

14-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									
GRAL	1	125.00	70	16.80	70	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RV/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP/PERMISSION GIVEN BY RV/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	HRS01*	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASED/permissions not granted by rural end id msg no OP12/730 dt 27.12.17 and op12/790dt 30.12.17
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.24		ELECTICAL PROTECTION(SD 08.01.2015)
Total A I STATE SECTOR- PLANNED OUTAGE									
CENTRAL SECTOR									
DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00		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	23.09		RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12		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	3.50	15	03-Feb-18	1.33		ANNUAL MAINTENANCE
RAPP-C	6	220.00	44	10.50	44	05-Feb-18	23.59		SHUT DOWN
Total B CENTRAL SECTOR- PLANNED OUTAGE									

(B) FORCE OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
STATE SECTOR										
GRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	15-Feb-18	GT PROTECTION BUCHELOZ ALARM	
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	
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28		LEAKAGE IN BOILER DUCT	
RAMGARHI	GT02	37.50	29	7.00	29	06-Feb-18	3.04		DUE TO HIGH SPREAD	
RAMWEST	8	135.00	120	0.00	0	07-Feb-18	2.32	13-Feb-18	6.23	DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE
STPS	6	250.00	229	55.00	229	08-Feb-18	8.44		BED MATERIAL LEAKAGE	
RAJWEST	8	135.00	120	0.00	0	13-Feb-18	12.28	13-Feb-18	20.25	D MATERIAL LEAKAGE
Total B I STATE SECTOR-FORCED OUTAGE										
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
Total B II CENTRAL SECTOR- FORCED OUTAGE										
G.TOTAL			444.80	1857.00						

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 (\$).