



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

Power Position 28-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	2064.09	2004.61	40.84	55.20	11192.00	10052.00	49.99	127.01
15-Feb-18	2081.06	1964.08	2021.67	2016.78	30.12	55.83	11336.00	9605.00	49.97	48.50
16-Feb-18	2027.10	2164.07	2085.84	2106.72	35.82	28.29	11351.00	10322.00	49.97	14.68
17-Feb-18	2102.07	2159.83	2071.25	2104.46	52.24	38.26	11275.00	10096.00	49.97	30.25
18-Feb-18	2067.13	2142.36	2048.52	2111.19	42.77	32.82	11019.00	10015.00	49.98	45.71
19-Feb-18	1895.13	2163.57	2035.34	2068.64	32.96	15.93	10114.00	9911.00	49.95	18.51
20-Feb-18	2071.03	2274.70	2058.58	2014.31	24.76	23.02	10436.00	9666.00	49.95	35.68
21-Feb-18	2027.75	2208.74	2068.97	2027.43	29.06	42.59	10365.00	9915.00	49.95	51.69
22-Feb-18	2092.56	2175.57	2092.55	2102.04	25.09	23.51	11131.00	9996.00	49.95	33.66
23-Feb-18	2105.30	2201.10	2120.63	2077.93	32.47	15.47	10497.00	9844.00	49.92	101.42
24-Feb-18	2014.61	2246.78	2113.73	2069.69	15.48	26.96	11301.00	9794.00	49.96	146.65
25-Feb-18	2157.79	2063.14	2020.34	2053.02	8.02	26.89	10649.00	9842.00	49.99	215.08
26-Feb-18	2112.33	2195.29	2060.22	1960.04	16.81	23.92	10764.00	9447.00	49.98	120.19
27-Feb-18	2081.23	2163.06	2065.79	2010.15	34.34	21.19	10931.00	9558.00	49.96	18.30
28-Feb-18	2059.46	2193.80								
MAXIMUM OF THE MONTH	2213.60	2274.70	2127.65	2111.19	56.58	55.83	11449.00	10322.00	50.00	215.08
MIN OF THE MONTH	1895.13	1921.16	2020.34	1936.44	-1.49	15.47	10114.00	9388.00	49.92	11.51
AVERAGE	2073.90	2072.69	2070.58	2024.48	29.58	34.14	10981.00	9837.20	49.97	81.88
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
		27-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	216.29
2	STPS (1500/1500)	220.00	218.00	186.85
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	42.00	40.71
5	RAPP-A(200/200)	43.00	43.00	44.52
6	MAHI (140/140)	0.00	0.00	8.45
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	33.93
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	273.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	250.16
11	WIND FARM (3980.40/4119.15)	25.00	29.50	18.30
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	30.92	24.64	25.07
16	BIOMASS – (101.95/119.25)	6.00	7.00	6.41
17	BARSINGHAR LTPS(250/250)	52.00	50.00	49.34
18	RAJWEST (1080/1080)	229.00	201.00	208.34
	TOTAL (A) : 1-18	1423.54	1390.76	1361.89
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.58	27.44	28.05
b)	DEHAR (198/ 990)	5.49	5.49	5.80
c)	PONG (231.66/396)	30.58	34.17	32.70
	TOTAL : a TO c	63.65	67.09	66.56
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	93.06	93.10	93.10
e)	RIHAND (310.24/3000)	127.20	127.87	127.91
f)	UNCHAHAHAR-I(20/420)	7.51	6.01	4.83
g)	UNCHAHAHAR-II& III(61/630)	26.75	22.68	13.82
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.37	11.27	7.61
j)	DADRI GAS (77/830)	7.06	7.56	4.79
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)	9.77	9.67	9.67
n)	RAPP-B (125/440)	33.75	33.75	33.75
o)	RAPP-C (88/440)	9.57	9.57	9.57
p)	SALAL (20.36/690)	0.63	0.59	0.67
q)	URI (70.37/720)	4.78	4.35	4.73
r)	TANAKPUR (10.86/94)	0.24	0.24	0.27
s)	CHAMERA –I (105.84/540)	3.53	3.53	3.53
t)	CHAMERA-II (29.01/300)	1.06	1.16	1.16
u)	CHAMERA-III (25.21/231)	0.75	0.75	0.75
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.94	2.72	2.94
x)	SEWA (13/120)	3.09	2.17	2.32
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.78	5.78	5.78
z)	TEHRI (75/1000)	5.56	5.55	5.54
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.50
ab)	TALA	0.13	0.10	0.10
ac)	MUNDRA UMPP (380/4000)	71.48	73.39	73.21
ad)	SASAN (372/3960)	75.72	89.34	89.34
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.13	28.21	22.91
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	599.86	609.82	591.16
	LOSSES	-33.94	-34.53	-36.34
	NET SCHEDULED	565.92	575.30	554.82
21	BILATERAL (REG.) EXCL. BANKING	4.68	4.57	4.57
22	BANKING	15.64	15.64	15.64
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.41	92.14	113.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-30.92	-24.64	-25.07
25	INDIAN ENERGY EXCHANGE	-32.81	6.20	6.20
	TOTAL(B): (19 TO 25)	635.92	690.47	669.56
	TOTAL GENERATION (A +B) : 1 TO 25			2031.46
	OVER DRAWAL (+)/UNDER DRAWAL (-)			34.34
	GRAND TOTAL	2059.46	2081.23	2065.80
	LAST YEAR	2193.80	2163.06	2010.14

3. SYSTEM PARAMETERS AS ON 27-Feb-18

MAXIMUM DRAWL ON 27-Feb-18	10931 MW at 07.15-07.30 Hrs 49.90Hz
MINIMUM DRAWL ON 27-Feb-18	6895 MW at 04.00-04.15Hrs 49.99 Hz
Max U/D of the day	323 MW at 08.15-08.30HRS 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	6
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	74
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	19
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 27-Feb-18	49.96 Hz
Max O/D of the day	795 MW at 07.30-07.45 HRS 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	10.61
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	83.02
ABOVE 50.05 HZ	6.37
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	19
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.	28-Feb-18	28-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1300.85	9407	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.26	1136.65	8036	13796
Jawahar Sagar (Ft.)	980	970.4	974.80	974.30	6939	13353
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1589.37	1556.19	19363	5760
Dehar (Ft.)	2941	2900	2922.37	2918.11	1418	1665
Pong(Ft.)	1421	1260	1315.92	1314.32	13507	1920
Mahi-I (Mts.)	281.5	259	273.25	274.55	3001	NIL
Mahi-II (Mts.)	220.5	217	217.40	217.00	609	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
28-Feb-18	KTPS	62718	3 DAYS
	STPS	42298	1.5 DAYS
	CHHABRA	59696	8 DAYS
	KALISINDH	46634	3 DAYS

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

28-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 (SD W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASE(D)permission not granted by ruvnl end Id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34		AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruvnl end Id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)
STPS	2	250.00	229	55.00	229	23-Feb-18	15.07		LOSS OF ALL FUEL(PERMISSION NOT GRANTED BY RUVNL END L.D. MESSAGE NO. OP/02543 DATED 26.02.18
Total(A)STATE SECTOR-PLANNED OUTAGE		705.00	599.00	143.80	599.00				

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
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
RAPP-C	6	220.00	44	10.50	44	05-Feb-18	23.59		SHUT DOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		2094.71	342.00	82.69	342.00				

(B) FORCE OUTAGE

STATE SECTOR

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	
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39		GT PROTECTION BUCHHILOZ 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	
RAMGARH	GT#2	37.50	29	7.00	29	06-Feb-18	3.04		DUE TO HIGH SPREAD	
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28		LEAKAGE IN BOILER DUCT	
RAJWEST	4	135.00	120	0.00	0	22-Feb-18	22.02	27-Feb-18	9.11	BED MATERIAL LEAKAGE
Total(B)STATE SECTOR-FORCED OUTAGE		1977.50	1747.50	389.80	1628.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH	
DABRI GPS	2	130.19	22	5.30	22	15-Feb-18	12.09		UNIT TAKEN UNDER RESERVE SHUTDOWN	
ISTPP(JHAJJAR)	1	500.00	5	1.20	5	17-Feb-18	0.25		HYDROGEN COOLER LEAKAGE	
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1130.19	27.00	6.50	27.00					
G.TOTAL				396.30	1655.00					

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 (\$).