



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

Power Position 27-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								
28-Feb-18										
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
		26-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	210.56
2	STPS (1500/1500)	218.00	218.00	177.14
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	42.00	43.11
5	RAPP-A(200/200)	43.00	43.00	44.45
6	MAHI (140/140)	0.00	0.00	6.64
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	39.16
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	268.22
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	236.10
11	WIND FARM (3980.40/4119.15)	29.50	108.00	120.19
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.71
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	24.64	23.62	23.91
16	BIOMASS – (101.95/119.25)	7.00	5.00	6.67
17	BARSINGHAR LTPS(250/250)	50.00	50.00	49.41
18	RAJWEST (1080/1080)	201.00	201.00	184.62
	TOTAL (A) : 1-18	1390.76	1466.24	1412.89
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.44	26.57	27.50
b)	DEHAR (198/ 990)	5.49	4.85	5.65
c)	PONG (231.66/396)	34.17	34.26	34.29
	TOTAL : a TO c	67.09	65.68	67.44
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	93.10	92.87	93.13
e)	RIHAND (310.24/3000)	127.87	116.36	116.61
f)	UNCHAHAHAR-I(20/420)	6.01	5.39	3.05
g)	UNCHAHAHAR-II& III(61/630)	22.68	20.47	12.18
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.27	7.41	4.20
j)	DADRI GAS (77/830)	7.56	3.17	1.85
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)	9.67	9.65	9.65
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)	0.59	0.69	0.83
q)	URI (70.37/720)	4.35	4.04	5.03
r)	TANAKPUR (10.86/94)	0.24	0.24	0.29
s)	CHAMERA –I (105.84/540)	3.53	3.14	3.53
t)	CHAMERA-II (29.01/300)	1.16	1.02	1.09
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)	2.72	2.50	2.72
x)	SEWA (13/120)	2.17	1.90	1.90
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.78	5.68	5.68
z)	TEHRI (75/1000)	5.55	5.55	5.55
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.29
ab)	TALA	0.10	0.13	0.13
ac)	MUNDRA UMPP (380/4000)	73.39	72.78	70.53
ad)	SASAN (372/3960)	89.34	85.61	85.61
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.21	24.04	21.20
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	609.82	575.75	562.36
	LOSSES	-34.53	-32.73	-34.63
	NET SCHEDULED	575.30	543.02	527.73
21	BILATERAL (REG.) EXCL. BANKING	4.57	4.45	4.45
22	BANKING	15.64	15.64	15.64
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.41	92.54	113.41
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-24.64	-23.62	-23.91
25	INDIAN ENERGY EXCHANGE	6.20	-6.80	-6.80
	TOTAL(B): (19 TO 25)	690.47	646.09	630.52
	TOTAL GENERATION (A +B) : 1 TO 25			2043.41
	OVER DRAWAL (+)/UNDER DRAWAL (-)			16.81
	GRAND TOTAL	2081.23	2112.33	2060.22
	LAST YEAR	2163.06	2195.29	1960.04

3. SYSTEM PARAMETERS AS ON 26-Feb-18

MAXIMUM DRAWL ON 26-Feb-18	10764 MW at 08.45-09.00 Hrs 50.02Hz
MINIMUM DRAWL ON 26-Feb-18	6786 MW at 04.00-04.15Hrs 50.02 Hz
Max U/D of the day	686 MW at 05.45-06.00HRS 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	1
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	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	18
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	36
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	8
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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 26-Feb-18	49.98 Hz
Max O/D of the day	631 MW at 22.15-22.30 HRS 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.94
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.75
ABOVE 50.05 HZ	12.31
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	27-Feb-18	27-Feb-17	26-Feb-18	26-Feb-18
Gandhi Sagar (Ft.)	1312	1250	NA	1300.99	9317	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.26	1136.52	8431	13796
Jawahar Sagar (Ft.)	980	970.4	974.80	975.80	7679	13353
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1590.46	1558.44	19069	6340
Dehar (Ft.)	2941	2900	2922.57	2917.97	1470	1522
Pong(Ft.)	1421	1260	1316.59	1315.51	15096	1779
Mahi-I (Mts.)	281.5	259	273.35	274.65	2890	NIL
Mahi-II (Mts.)	220.5	217	218.75	218.00	NA	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
27-Feb-18	KTPS	56355	3 days
	STPS	43313	2 days
	CHHABRA	63092	8.5 days
	KALISINDH	46351	3.5 days

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

27-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 INCREASED(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/02/543 DATED 26.02.18
Total(A) STATE SECTOR- PLANNED OUTAGE			455.00	370.00	88.80	370.00				
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI 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	20.86			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
DADRI-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 BUCHILOZ 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
RAIWEST	4	135.00	120	28.67	120	22-Feb-18	22.02			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE			1977.50	1747.50	418.47	1747.50				
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
DADRI 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				424.97	1774.50					

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).