



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

<b>Power Position 16-Feb-18</b>	<b>Point No.</b>
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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								
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	2164.07	2127.65	2053.28	56.58	55.83	11449.00	10052.00	50.00	187.93
MIN OF THE MONTH	1992.00	1921.16	2021.67	1936.44	-1.49	26.97	10255.00	9388.00	49.94	11.51
AVERAGE	2083.09	2024.63	2069.92	1991.77	29.39	38.64	11092.47	9768.60	49.98	90.24
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
		15-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	216.77
2	STPS (1500/1500)	218.00	218.00	185.72
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	41.00	42.26
5	RAPP-A(200/200)	43.00	45.00	44.83
6	MAHI (140/140)	0.00	0.00	6.73
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.03
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	273.03
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	233.68
11	WIND FARM (3980.40/4119.15)	23.50	55.75	48.50
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	-9.74	-6.08	-5.48
16	BIOMASS – (101.95/119.25)	5.00	5.00	3.15
17	BARSINGHSAR LTPS(250/250)	52.00	50.00	49.40
18	RAJWEST (1080/1080)	201.00	204.00	187.18
	<b>TOTAL (A) : 1-18</b>	<b>1350.38</b>	<b>1388.29</b>	<b>1323.79</b>
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	27.28	25.94	26.65
	b) DEHAR (198/ 990)	5.41	5.41	5.09
	c) PONG (231.66/396)	26.30	28.05	27.68
	<b>TOTAL : a TO c</b>	<b>58.98</b>	<b>59.40</b>	<b>59.42</b>
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	90.84	90.84	90.92
	e) RIHAND (310.24/3000)	125.07	126.07	126.07
	f) UNCHAHAR-I(20/420)	6.39	11.17	7.89
	g) UNCHAHAR-II& III(61/630)	24.47	27.51	17.51
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	9.05	8.60	3.25
	j) DADRI GAS (77/830)	4.36	6.36	4.40
	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)	9.86	9.89	9.89
	n) RAPP-B (125/440)	34.18	33.93	33.93
	o) RAPP-C (88/440)	9.81	9.81	9.81
	p) SALAL (20.36/690)	0.56	0.56	0.57
	q) URI (70.37/720)	2.80	2.84	3.18
	r) TANAKPUR (10.86/94)	0.25	0.23	0.23
	s) CHAMERA –I (105.84/540)	3.14	3.14	3.14
	t) CHAMERA-II (29.01/300)	0.87	0.87	1.14
	u) CHAMERA-III (25.21/231)	0.60	0.50	0.72
	v) DHAULIGANGA (27/280)	0.81	0.81	0.81
	w) DULHASTI (42.42/390)	2.18	2.18	2.18
	x) SEWA (13/120)	0.39	0.39	0.39
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.58	5.58	5.58
	z) TEHRI (75/1000)	5.45	5.51	5.51
	aa) KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	5.17	5.17	5.17
	ab) TALA	0.17	0.17	0.17
	ac) MUNDRA UMPP (380/4000)	90.83	88.16	88.16
	ad) SASAN (372/3960)	74.04	74.04	73.81
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	27.64	24.90	18.91
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	593.48	598.61	572.74
	LOSSES	-37.71	-38.05	-36.61
	NET SCHEDULED	<b>555.77</b>	<b>560.56</b>	<b>536.13</b>
21	BILATERAL (REG.) EXCL. BANKING	4.43	4.43	4.43
22	BANKING	15.64	15.64	15.64
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	57.02	35.84	57.02
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	9.74	6.08	5.48
25	INDIAN ENERGY EXCHANGE	34.71	49.04	49.04
	<b>TOTAL(B): (19 TO 25)</b>	<b>677.32</b>	<b>692.78</b>	<b>667.75</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1991.54</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			30.12
	<b>GRAND TOTAL</b>	<b>2027.70</b>	<b>2081.06</b>	<b>2021.66</b>
	LAST YEAR	2164.07	1964.08	2016.78

## 3.SYSTEM PARAMETERS AS ON 15-Feb-18

MAXIMUM DRAWL ON 15-Feb-18	11336 MW at 7.30-7.45Hrs 50.03 Hz
MINIMUM DRAWL ON 15-Feb-18	6505 MW at 04.00-04.15Hrs 50.00 Hz
Max U/D of the day	407 MW at 18.45 HRS 49.90 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	61
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	33
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0
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

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	16-Feb-18	16-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1302.55	9094	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.02	1137.18	8047	9440
Jawahar Sagar (Ft.)	980	970.4	974.10	978.00	8161	11075
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1601.42	1569.16	17600	4781
Dehar (Ft.)	2941	2900	2921.78	2920.01	1348	1354
Pong(Ft.)	1421	1260	1323.60	1321.44	12002	2332
Mahi-I (Mts.)	281.5	259	274.40	275.60	2974	NIL
Mahi-II (Mts.)	220.5	217	218.60	217.00	435	NIL

## 5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 15-Feb-18		49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	569 MW at 6.30 HRS 49.91 Hz		16-Feb-18	KTPS	25189	1 DAY
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00			STPS	48657	2 DAYS
LESS THAN 49.90 HZ	9.72					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.85			CHHABRA	87598	11.5 DAYS
ABOVE 50.05 HZ	11.43					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KALISINDH	23889	1.5 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					

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

16-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											
GERAL	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 RVNL 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 RVNL 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(permission not granted by rvnl end id msg no OP12/730 dt 27.12.17 and op12/790 dt 30.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34				ELECTICAL PROTECTION(SD 08/10/01/2018)
Total A I 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	23.22				RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.30	22	25-Oct-17	23.30				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
DADRI GPS	1	130.19	22	0.00	0	02-Feb-18	19.34	16-Feb-18	9.16		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
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		2224.90	364.00	82.69	342.00						

## (B) FORCE OUTAGE

## STATE SECTOR

STATE SECTOR											
GERAL	2	125.00	70	16.80	70	27-Jan-16	15.27				DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS
STPS	1	250.00	229	55.00	229	01-Jun-18	6.39	15-Feb-18			GT PROTECTION BUCHLOZ ALARM
ADANI	1	660.00	600	144.00	600	06-Jun-18	8.31				LOW COAL STOCK
ADANI	2	660.00	600	144.00	600	13-Jun-18	18.52				LOW COAL STOCK
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28				LEAKAGE IN BOILER DUCT
RAMGARH	GT02	37.50	29	7.00	29	06-Feb-18	3.04				DUE TO HIGH SPREAD
STPS	6	250.00	229	55.00	229	08-Feb-18	8.44				BED MATERIAL LEAKAGE
RAJWEST	3	135.00	120	28.67	120	15-Feb-18	2.30				BAD MATERIALS LEAKAGE
CHHABRA	3	250.00	225	0.00	0	15-Feb-18	16.15	15-Feb-18	19.49		DMCPW TRIPPED
Total B I STATE SECTOR-FORCED OUTAGE		2477.50	2202.00	473.47	1977.00						

## CENTRAL SECTOR

UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
Total B II CENTRAL SECTOR-FORCED OUTAGE		500.00	0.00	0.00	0.00						
G.TOTAL			473.47	1977.00							

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 (\$).