



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

Power Position 15-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								
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	55.20	11449.00	10052.00	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	2086.59	2015.91	2073.37	1989.98	29.34	37.42	11075.07	9780.29	49.98	93.22
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
		14-Feb-18		
1	KTPS (1240/1240)	246.00	246.00	215.91
2	STPS (1500/1500)	218.00	218.00	189.71
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	42.00	41.19
5	RAPP-A(200/200)	45.00	43.00	44.67
6	MAHI (140/140)	0.00	0.00	6.91
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	36.38
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	218.00	218.00	269.65
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	240.60
11	WIND FARM (3980.40/4119.15)	55.75	86.50	127.01
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.40
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	-6.08	5.76	5.46
16	BIOMASS – (101.95/119.25)	5.00	5.00	3.32
17	BARSINGHSAR LTPS(250/250)	50.00	52.00	48.87
18	RAJWEST (1080/1080)	204.00	229.00	203.73
	TOTAL (A) : 1-18	1388.29	1456.88	1434.81
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	25.94	24.86	25.48
	b) DEHAR (198/ 990)	5.41	5.17	5.17
	c) PONG (231.66/396)	28.05	28.14	28.14
	TOTAL : a TO c	59.40	58.18	58.79
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	90.84	89.97	88.94
	e) RIHAND (310.24/3000)	126.07	98.00	98.00
	f) UNCHAHAR-I(20/420)	11.17	6.28	8.38
	g) UNCHAHAR-II& III(61/630)	27.51	23.07	21.27
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	8.60	8.43	4.64
	j) DADRI GAS (77/830)	6.36	3.70	3.92
	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	9.89	9.89
	n) RAPP-B (125/440)	33.93	34.01	34.01
	o) RAPP-C (88/440)	9.81	9.57	9.57
	p) SALAL (20.36/690)	0.56	0.58	0.68
	q) URI (70.37/720)	2.84	2.73	2.93
	r) TANAKPUR (10.86/94)	0.23	0.25	0.23
	s) CHAMERA –I (105.84/540)	3.14	3.14	3.14
	t) CHAMERA-II (29.01/300)	0.87	0.87	0.87
	u) CHAMERA-III (25.21/231)	0.50	0.50	0.67
	v) DHAULIGANGA (27/280)	0.81	0.81	0.81
	w) DULHASTI (42.42/390)	2.18	2.39	2.39
	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)	5.51	5.51	5.51
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.17	5.38	5.38
	ab) TALA	0.17	0.17	0.17
	ac) MUNDRA UMPP (380/4000)	88.16	67.45	67.45
	ad) SASAN (372/3960)	74.04	63.45	63.01
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	24.90	22.60	22.54
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	598.61	522.90	519.16
	LOSSES	-38.05	-33.37	-33.15
	NET SCHEDULED	560.56	489.53	486.01
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	38.39	59.38
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	6.08	-5.76	-5.46
25	INDIAN ENERGY EXCHANGE	49.04	28.44	28.44
	TOTAL(B): (19 TO 25)	692.78	591.66	588.44
	TOTAL GENERATION (A +B) : 1 TO 25			2023.25
	OVER DRAWAL (+)/UNDER DRAWAL (-)			40.84
	GRAND TOTAL	2081.06	2048.54	2064.09
	LAST YEAR	1964.08	1974.24	2004.61

3. SYSTEM PARAMETERS AS ON 14-Feb-18

MAXIMUM DRAWL ON 14-Feb-18	11192 MW at 7.45 Hrs 49.98 Hz
MINIMUM DRAWL ON 14-Feb-18	6527 MW at 04.00-04.15Hrs 50.00 Hz
Max U/D of the day	437 MW at 18.30HRS 49.97 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	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
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	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	17
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	7
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 14-Feb-18	49.99 Hz
Max O/D of the day	699 MW at 2.00 HRS 50.03 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	0.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	0.00
ABOVE 50.05 HZ	0.00
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.	15-Feb-18	15-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	NA	1302.55	9100	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.99	1137.24	7001	8149
Jawahar Sagar (Ft.)	980	970.4	974.70	977.30	7884	6710
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1602.32	1570.33	16897	4932
Dehar (Ft.)	2941	2900	2921.71	2918.43	1417	1489
Pong(Ft.)	1421	1260	1324.12	1322.06	12007	2708
Mahi-I (Mts.)	281.5	259	274.50	275.75	2850	NIL
Mahi-II (Mts.)	220.5	217	218.00	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
15-Feb-18	KTPS	29844	1.5 days
	STPS	40320	1.5 days
	CHHABRA	92032	12.5 days
	KALISINDH	11227	1 day

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

15-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	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 raval end id msg no 09/12/2018 at 27.12.17 and sp12/790/08.20.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34				ELECTICAL PROTECTIONS SD 08/10/01/2018)
Total(A) STATE SECTOR- PLANNED OUTAGE		455.00	370.00	88.80	370.00						

CENTRAL SECTOR

DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00				RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22				RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30				RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43				RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09				RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12				RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	28-Jun-18	5.51				RESERVE SHUTDOWN
AURAIYA GFS	5	109.00	18	4.40	18	02-Feb-18	19.28				RESERVE SHUTDOWN
DADRI GFS	1	130.19	22	5.30	22	02-Feb-18	19.34				RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	02-Feb-18	19.39				RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	02-Feb-18	20.06				RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	02-Feb-18	20.18				RESERVE SHUTDOWN
ANTA GFS	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(B) CENTRAL SECTOR- PLANNED OUTAGE		2224.90	364.00	87.99	364.00						

(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	15-Feb-18			GT PROTECTION BUCBLOZ 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
STPS	6	250.00	229	55.00	229	08-Feb-18	8.44				BED MATERIAL LEAKAGE
RAJWEST	3	135.00	120	25.68	108	15-Feb-18	2.30				BAD MATERIALS LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2227.50	1977.00	470.48	1965.00						

CENTRAL SECTOR

UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNISH PRESSURE HIGH
Total(B) CENTRAL SECTOR- FORCED OUTAGE		500.00	0.00	0.00	0.00						
G.TOTAL			470.48	1965.00							

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 (\$).