



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

<b>Power Position 27-Feb-19</b>	<b>Point No.</b>
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**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -FEB.- 2019**

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
Feb-19										
01-Feb-19	2627.96	2008.01	2364.93	2081.33	26.72	56.58	12650	10255	49.98	239.98
02-Feb-19	2540.91	2052.78	2339.80	2122.51	-19.01	45.24	12062	11449	49.98	204.04
03-Feb-19	2632.07	2105.08	2351.22	2127.65	-3.94	53.52	12525	11342	49.98	201.81
04-Feb-19	2536.79	2166.72	2298.97	2058.49	-6.46	6.28	12089	11191	50.01	178.20
05-Feb-19	2584.22	2149.39	2393.31	2099.17	8.01	33.41	12543	11350	49.99	60.07
06-Feb-19	2711.15	2213.60	2335.22	2071.52	7.45	12.14	12332	11267	49.99	106.82
07-Feb-19	2636.82	2059.61	2258.30	2065.91	-6.45	15.33	11728	11173	50.02	160.77
08-Feb-19	2597.22	1997.16	2341.15	2029.23	-5.20	53.51	12370	10601	50.02	118.67
09-Feb-19	2563.23	1992.00	2293.79	2073.29	-11.08	41.36	11581	10966	50.03	96.58
10-Feb-19	2590.63	2074.08	2278.08	2085.48	-0.05	26.12	11918	11081	50.02	81.63
11-Feb-19	2540.65	2137.26	2332.29	2040.75	-15.81	6.47	12400	11111	50.02	188.12
12-Feb-19	2637.40	2118.77	2364.90	2061.82	-22.84	21.49	12213	11220	49.99	245.98
13-Feb-19	2520.23	2163.37	2364.97	2045.89	-20.89	-1.49	12303	10853	49.98	238.76
14-Feb-19	2506.81	2048.54	2274.79	2064.09	-15.98	40.84	11515	11192	49.98	130.90
15-Feb-19	2490.31	2081.06	2304.80	2021.67	-21.49	30.12	11909	11336	49.98	68.53
16-Feb-19	2416.98	2027.10	2333.27	2085.84	-7.85	35.82	11886	11351	49.99	78.83
17-Feb-19	2481.69	2102.07	2278.26	2071.24	-3.12	52.24	11969	11275	50.01	190.57
18-Feb-19	2187.42	2067.13	2177.44	2048.51	-9.98	42.77	11516	11019	49.99	305.40
19-Feb-19	2349.22	1895.13	2326.27	2035.34	11.85	32.96	11868	10114	49.99	140.43
20-Feb-19	2383.30	2071.03	2310.61	2058.58	8.76	24.76	11922	10436	50.00	149.05
21-Feb-19	2305.14	2027.75	2332.75	2068.97	-5.17	29.06	11837	10365	49.96	83.51
22-Feb-19	2415.07	2092.56	2349.87	2092.55	-10.66	25.09	11787	11131	49.99	74.72
23-Feb-19	2397.91	2105.30	2352.12	2120.63	-7.03	32.47	11915	10497	50.00	114.33
24-Feb-19	2440.70	2014.61	2314.19	2113.73	-0.80	15.48	11977	11301	50.01	90.79
25-Feb-19	2358.20	2157.79	2323.70	2020.34	10.97	8.02	11748	10649	50.02	78.54
26-Feb-19	2436.42	2112.33	2287.96	2060.22	13.82	16.81	11930	10764	49.99	151.35
27-Feb-19	2327.43	2081.23								
28-Feb-19										
MAXIMUM OF THE MONTH	<b>2711.15</b>	<b>2213.60</b>	<b>2393.31</b>	<b>2127.65</b>	<b>26.72</b>	<b>56.58</b>	<b>12650.00</b>	<b>11449.00</b>	<b>50.03</b>	<b>305.40</b>
MIN OF THE MONTH	<b>2187.42</b>	<b>1895.13</b>	<b>2177.44</b>	<b>2020.34</b>	<b>-22.84</b>	<b>-1.49</b>	<b>11515.00</b>	<b>10114.00</b>	<b>49.96</b>	<b>60.07</b>
AVERAGE	<b>2489.48</b>	<b>2078.57</b>	<b>2318.58</b>	<b>2070.18</b>	<b>-4.09</b>	<b>29.09</b>	<b>12018.96</b>	<b>10972.65</b>	<b>50.00</b>	<b>145.32</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX. PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

13276

(09.30-09.45Hrs.)

28-Dec-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX. PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		26-Feb-19		
1	KTPS (1240/1240)	270.00	270.00	246.96
2	STPS (1500/1500)	0.00	55.00	50.12
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.21
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	6.42
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	37.80
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	229.00	288.00	268.01
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	458.00	430.44
11	WIND FARM (4139.20/4292.95)	57.00	213.00	151.35
12	SOLAR POWER(1661.70/2250.16)	173.82	183.94	115.33
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	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	10.00	5.00	10.17
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	51.43
18	RAJWEST (1080/1080)	172.00	172.00	142.81
	<b>TOTAL (A) : 1-18</b>	<b>1583.82</b>	<b>1756.94</b>	<b>1530.05</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.22	24.11	24.26
b)	DEHAR (198/ 990)	12.23	12.50	12.50
c)	PONG (231.66/396)	32.02	31.07	30.88
	<b>TOTAL : a TO c</b>	<b>68.46</b>	<b>67.68</b>	<b>67.63</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	83.30	97.12	96.41
e)	RIHAND (310.24/3000)	101.49	121.18	121.18
f)	UNCHAHAH-I(20/420)	5.82	5.88	17.45
g)	UNCHAHAH-II& III & IV(135.09/1130)	44.47	44.51	53.72
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	0.00	7.62	2.15
j)	DADRI GAS (77/830)	6.74	6.50	12.10
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)	7.39	7.34	7.34
n)	RAPP-B (125/440)	29.76	29.67	29.67
o)	RAPP-C (88/440)	19.25	19.25	19.25
p)	SALAL (20.36/690)	1.46	2.74	1.63
q)	URI (70.37/720)	16.16	16.22	16.18
r)	TANAKPUR (10.86/94)	0.57	0.57	0.62
s)	CHAMERA –I (105.84/540)	16.36	16.36	16.35
t)	CHAMERA-II (29.01/300)	2.05	2.52	2.09
u)	CHAMERA-III (25.21/231)	0.84	1.32	1.05
v)	DHAULIGANGA (27/280)	0.87	0.87	1.05
w)	DULHASTI (42.42/390)	3.56	3.98	4.02
x)	SEWA (13/120)	3.26	3.26	3.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.55	5.55	5.54
z)	TEHRI (75/1000)	6.17	6.17	6.17
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.66	7.08	6.68
ab)	TALA	0.02	0.06	0.06
ac)	MUNDRA UMPP (380/4000)	68.69	74.97	75.55
ad)	SASAN (372/3960)	79.81	85.67	85.67
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.76	25.51	24.22
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	602.48	659.61	677.04
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>602.48</b>	<b>659.61</b>	<b>677.04</b>
21	BILATERAL (REG.) EXCL. BANKING	3.07	3.18	3.18
22	BANKING	13.13	13.13	13.13
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.64	117.02	108.56
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	7.65
25	INDIAN ENERGY EXCHANGE	9.29	-65.47	-65.47
	<b>TOTAL(B): (19 TO 25)</b>	<b>743.61</b>	<b>727.48</b>	<b>744.09</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2274.14</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			13.82
	<b>GRAND TOTAL</b>	<b>2327.43</b>	<b>2484.42</b>	<b>2287.96</b>
	LAST YEAR	2081.23	2112.33	2060.22

## 3. SYSTEM PARAMETERS AS ON 26-Feb-19

MAXIMUM DRAWL ON 26-Feb-19	11930 MW at 12.15-12.30 HRS 50.02 HZ
MINIMUM DRAWL ON 26-Feb-19	6794 MW at 04.00-04.15 Hrs 50.03 HZ
Max U/D of the day	845 MW at 23.15-23.30 Hrs 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	4
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	40
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	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	38
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	12
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	12
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 26-Feb-19	49.99 Hz
Max O/D of the day	651 MW at 14.00-14.15 Hrs 50.00 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	2.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	63.80
ABOVE 50.05 HZ	33.60
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	67
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-19	27-Feb-18	26-Feb-19	26-Feb-19
Gandhi Sagar (Ft.)	1312	1250	1261.05	NA	8205	430
R.P.Sagar (Ft.)	1157.5	1128	1139.33	#REF!	9070	13907
Jawahar Sagar (Ft.)	980	970.4	975.50	974.80	7010	13344
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1631.44	1590.46	14600	9604
Dehar (Ft.)	2941	2900	2920.47	2922.57	3430	3284
Pong(Ft.)	1421	1260	1345.17	1316.59	13509	7040
Mahi-I (Mts.)	281.5	259	272.15	273.35	3720	NIL
Mahi-II (Mts.)	220.5	217	219.20	218.75	NIL	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-19	KTPS	73452 MT	4 days
	STPS	192951 MT	7.5 days
	CHHABRA	67077 MT	9 days
	KALISINDH	170293 MT	12 days

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

27-Feb-19

## (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	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG02	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG01	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	3	250.00	229	55.00	229	22-Jan-19	1.30			BOXED UP (ANNUAL SHUT DOWN VIDE OP#01/677 Dated 22.01.19 FOR 21 DAYS)
STPS	1	250.00	229	55.00	229	14-Feb-19	0.05			ANNUAL MAINTENANCE
STPS	5	250.00	229	55.00	229	15-Feb-19	15.43			BOXED UP
STPS	6	250.00	229	55.00	229	16-Feb-19	13.48			BOXED UP
STPS	4	250.00	229	55.00	229	17-Feb-19	14.31			BOXED UP
CHABRA	3	250.00	225	54.00	225	26-Feb-19	20.00			MT DUE TO BOILER TUBE
Total(A) STATE SECTOR- PLANNED OUTAGE		1955.00	1730.00	415.40	1730.00					

## CENTRAL SECTOR

AURAIYA GFS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
DABRI GFS	4	130.19	22	5.30	22	22-Dec-18	9.35			RESERVE SHUTDOWN
DABRI GFS	5	154.51	16	3.90	16	05-Jan-19	10.18			RESERVE SHUTDOWN
DABRI-I TFS	2	210.00	NA	NA	NA	01-Feb-19	0.05			RESERVE SHUTDOWN
AURAIYA GFS	1	88.71	31	7.50	31	05-Feb-19	9.10			RESERVE SHUTDOWN
AURAIYA GFS	2	88.71	31	7.50	31	05-Feb-19	10.44			RESERVE SHUTDOWN
AURAIYA GFS	4	153.20	34	8.20	34	05-Feb-19	11.20			RESERVE SHUTDOWN
AURAIYA GFS	5	109.30	12	2.90	12	08-Feb-19	5.54			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	12-Jan-19	9.56			RESERVE SHUTDOWN
DABRI GFS	3	130.19	22	5.30	22	12-Jan-19	10.05			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	05-Feb-19	9.10			RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	05-Feb-19	10.44			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	05-Feb-19	11.20			RESERVE SHUTDOWN
AURAIYA GFS	3	111.19	18	4.40	18	11-Feb-19	20.45			RESERVE SHUTDOWN
DABRI-I TFS	3	210.00	NA	NA	NA	18-Feb-19	14.24			RESERVE SHUTDOWN
SINGROLI	4	200.00	34	8.20	34	18-Feb-19	21.47			FOR BOILER LICENSE RENEWAL
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2114.63	359.00	86.80	359.00					

## (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
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARHI	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAPP-A	2	200.00	150	36.00	150	11-Jan-19	14.43			TECHNICAL PROBLEM
RAJWEST	7	135.00	120	28.67	120	30-Jan-19	22.00			BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	28.67	120	24-Feb-19	23.01			BED MATERIAL LEAKAGE
KALISINDH	1	600.00	565	0.00	0	26-Feb-19	5.59	26-Feb-19	17.33	API
STPS	2	250.00	229	55.00	229	27-Feb-19	3.13			GENERATOR PROTECTION OPERATED
Total(B) STATE SECTOR-FORCED OUTAGE		1605.00	1394.00	198.74	829.00					
CENTRAL SECTOR										
DABRI-II TFS	2	490.00	15	3.59	15	06-Feb-19	17.37			ROTOR EARTH FAULT
Total(B) CENTRAL SECTOR-FORCED OUTAGE		490.00	15.00	3.59	15.00					
G.TOTAL			202.33	844.00						

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 (\$).