



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

<b>Power Position 25-Jan-18</b>	<b>Point No.</b>
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**1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. --JAN- 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
Jan-18										
01-Jan-18	2181.15	2071.32	2034.76	1948.21	24.27	19.58	10247	9137	49.99	38.48
02-Jan-18	2157.73	2066.95	2043.75	1952.14	33.30	13.89	10318	9557	49.97	21.68
03-Jan-18	2066.22	1855.03	2043.96	1882.58	34.42	41.74	10454	9288	49.95	37.37
04-Jan-18	2166.85	1875.30	2117.18	1909.10	14.98	<b>63.95</b>	10520	9146	49.96	56.94
05-Jan-18	2158.12	2036.41	2135.66	2058.01	10.61	22.60	10861	9611	49.95	63.02
06-Jan-18	<b>2241.69</b>	<b>2121.59</b>	2099.72	2073.72	27.82	26.40	10826	9791	49.94	55.13
07-Jan-18	2199.48	2084.02	2063.98	2027.18	14.74	22.45	10686	9446	49.97	27.37
08-Jan-18	2195.81	2057.41	2099.65	1970.41	20.95	-1.88	10848	9443	49.98	37.08
09-Jan-18	2178.85	1988.24	2102.77	1986.45	19.70	21.45	11128	9586	49.97	81.18
10-Jan-18	2234.36	1908.71	2148.67	1955.10	47.11	31.68	11243	9058	49.98	74.68
11-Jan-18	2146.48	1934.87	2144.93	1969.72	33.31	40.34	11267	9464	49.95	30.41
12-Jan-18	2190.31	1957.32	<b>2175.43</b>	1949.96	33.89	54.00	11210	9791	49.95	22.55
13-Jan-18	2213.90	1985.90	2143.79	2058.34	33.17	40.07	<b>11564</b>	9910	49.97	16.40
14-Jan-18	2111.78	2097.92	2057.66	1998.05	27.15	20.47	11382	9763	49.98	21.88
15-Jan-18	1980.93	2080.04	2081.79	1959.74	51.41	33.96	11336	9434	49.98	86.87
16-Jan-18	2111.39	2078.81	2088.11	2013.74	36.71	25.50	10942	9689	49.97	112.82
17-Jan-18	2097.68	2092.46	2128.16	2058.55	24.76	8.55	11360	9812	49.95	136.69
18-Jan-18	2132.62	2065.12	2137.23	2050.75	34.40	36.28	11405	9697	49.98	<b>138.40</b>
19-Jan-18	2146.82	2053.71	2140.20	2014.94	48.69	15.54	10890	9856	49.98	70.08
20-Jan-18	2145.69	2038.25	2118.18	2066.16	54.17	20.82	11457	9979	49.98	31.40
21-Jan-18	2115.44	2045.69	2115.18	2083.79	43.32	43.35	11389	9963	<b>50.00</b>	20.59
22-Jan-18	2099.46	2100.83	2085.04	2055.18	27.31	30.43	10567	<b>10104</b>	49.96	85.29
23-Jan-18	2167.43	2063.42	2091.18	2058.22	18.52	29.56	10452	9940	49.96	94.39
24-Jan-18	2067.51	2094.64	2116.82	<b>2125.90</b>	<b>60.26</b>	56.72	10784	9976	49.95	30.98
25-Jan-18	2164.05	2082.19								
26-Jan-18										
27-Jan-18										
28-Jan-18										
29-Jan-18										
30-Jan-18										
31-Jan-18										
MAXIMUM OF THE MONTH	<b>2241.69</b>	<b>2121.59</b>	<b>2175.43</b>	<b>2125.90</b>	<b>60.26</b>	<b>63.95</b>	<b>11564.00</b>	<b>10104.00</b>	<b>50.00</b>	<b>138.40</b>
MIN OF THE MONTH	<b>1980.93</b>	<b>1855.03</b>	<b>2034.76</b>	<b>1882.58</b>	<b>10.61</b>	<b>-1.88</b>	<b>10247.00</b>	<b>9058.00</b>	<b>49.94</b>	<b>16.40</b>
AVERAGE	<b>2144.09</b>	<b>2028.18</b>	<b>2104.74</b>	<b>2009.41</b>	<b>32.29</b>	<b>29.89</b>	<b>10964.00</b>	<b>9643.38</b>	<b>49.97</b>	<b>57.99</b>
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
		24-Jan-18		
1	KTPS (1240/1240)	270.00	270.00	259.58
2	STPS (1500/1500)	273.00	273.00	252.01
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	43.00	43.00	43.72
5	RAPP-A(200/200)	43.00	43.00	44.40
6	MAHI (140/140)	0.00	0.00	7.06
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.89
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	162.47
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	253.17
11	WIND FARM (3980.40/4119.15)	79.50	20.50	30.98
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	15.61	17.29	17.29
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.73
17	BARSINGHAR LTPS(250/250)	53.00	53.00	50.92
18	RAJWEST (1080/1080)	201.00	172.00	181.88
	<b>TOTAL (A) : 1-18</b>	<b>1458.73</b>	<b>1372.41</b>	<b>1348.10</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.50	23.70	23.26
b)	DEHAR (198/ 990)	4.77	5.01	5.81
c)	PONG (231.66/396)	24.97	23.92	24.68
	<b>TOTAL : a TO c</b>	<b>53.24</b>	<b>52.63</b>	<b>53.75</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	94.17	95.70	95.58
e)	RIHAND (310.24/3000)	127.75	129.84	130.77
f)	UNCHAHAHAR-I(20/420)	11.29	12.53	14.58
g)	UNCHAHAHAR-II& III(61/630)	31.42	31.51	33.06
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	23.62	19.88	24.73
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	3.84	3.80	4.94
m)	NAPP (44/440)	10.01	10.01	10.01
n)	RAPP-B (125/440)	16.66	16.33	16.33
o)	RAPP-C (88/440)	20.00	20.02	20.02
p)	SALAL (20.36/690)	0.49	0.49	0.49
q)	URI (70.37/720)	2.68	2.73	2.66
r)	TANAKPUR (10.86/94)	0.37	0.34	0.34
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.87	0.97
u)	CHAMERA-III (25.21/231)	0.60	0.60	0.68
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.72	2.72	2.83
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.77	5.77	5.77
z)	TEHRI (75/1000)	5.75	5.78	5.78
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	5.17	2.55	5.27
ab)	TALA	0.30	0.30	0.30
ac)	MUNDRA UMPP (380/4000)	89.07	88.84	88.84
ad)	SASAN (372/3960)	89.04	89.04	89.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.25	28.32	28.32
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	627.40	624.92	639.37
	LOSSES	-45.86	-43.22	-46.77
	NET SCHEDULED	<b>581.54</b>	<b>581.70</b>	<b>592.60</b>
21	BILATERAL (REG.) EXCL. BANKING	2.98	2.98	2.98
22	BANKING	15.69	15.69	15.69
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	97.37	69.70	91.36
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.61	-17.29	-17.29
25	INDIAN ENERGY EXCHANGE	23.36	23.13	23.13
	<b>TOTAL(B): (19 TO 25)</b>	<b>705.32</b>	<b>695.10</b>	<b>708.46</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2056.56</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			60.26
	<b>GRAND TOTAL</b>	<b>2164.05</b>	<b>2067.51</b>	<b>2116.82</b>
	LAST YEAR	2082.19	2094.64	2125.89

3.SYSTEM PARAMETERS AS ON 24-Jan-18

MAXIMUM DRAWL ON 24-Jan-18	10784 MW at 07.00-7.15 Hrs 49.97 Hz
MINIMUM DRAWL ON 24-Jan-18	6777 MW at 04.00-04.15Hrs 49.99 Hz
Max U/D of the day	153 MW at 11.00-11.15 HRS 49.95 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	7
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	73
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	39
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 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	8
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	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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cuses)	Inflow (cuses)
	Max.	Min.	25-Jan-18	25-Jan-17		
Gandhi Sagar (Fl.)	1312	1250	1286.66	1304.87	8661	343
R.P.Sagar (Fl.)	1157.5	1128	1136.96	973.70	8315	18248
Jawahar Sagar (Fl.)	980	970.4	975.60	276.90	8082	14152
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Fl.)	1690	1462	1618.11	2919.22	14592	6187
Dehar (Fl.)	2941	2900	2920.21	1330.22	1529	1655
Pong(Fl.)	1421	1260	1334.96	1330.61	10400	2304
Mahi-I (Mts.)	281.5	259	276.25	217.30	3100	NIL
Mahi-II (Mts.)	220.5	217	217.80	1585.31	339	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 24-Jan-18		49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	612 MW at 10.00-10.15 HRS 49.96 Hz		25-Jan-18	KTPS		
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	14.76					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.87			STPS		
ABOVE 50.05 HZ	7.37					
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	107					
No. of 132 KV Feeders Disconnected	0		CHHABRA			
			KALISINDH			

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

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-Jun-14	8.20			BED MATERIAL LEAKAGE (SD W.F.15.07.14)
DCPP	HRS02*	55.00	50	12.80	50	13-Jun-16	16.35			BOXED I/P PERMISSION GIVEN BY RU.NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	GT02*	110.00	100	24.00	100	13-Jun-16	16.40			BOXED I/P PERMISSION GIVEN BY RU.NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	HRS01	55.00	50	12.80	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED permission not granted by ruval end M mg on 09/12/2018 at 27.12.17 and 09/12/2018 at 30.12.17
DCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.24			AIR INLET DIFFERENTIAL PRESSURE HIGH permission not granted by ruval end M mg on 09/12/2018 at 27.12.17 and 09/12/2018 at 30.12.17
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	22.20			RESERVE SHUTDOWN
AURAYVA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAYVA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYVA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	17-Dec-17	19.15			RESERVE SHUTDOWN
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
AURAYVA GFS	2	111.19	18	4.40	18	19-Dec-17	19.53			RESERVE SHUTDOWN
DADRI GFS	1	130.19	22	5.30	22	03-Jan-18	4.07			RESERVE SHUTDOWN
DADRI GFS	5	154.51	16	3.90	16	04-Jan-18	5.23			RESERVE SHUTDOWN
DADRI GFS	2	130.19	22	5.30	22	04-Jan-18	5.50			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			1579.98	291.80	70.57	291.80				
(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 COOL-4
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	27-Jan-18		ELECTRICAL PROTECTION(S/D @ 10.01.2018)
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	31-Jan-18		GT PROTECTION BUCHHOLZ ALARM.
ADANI	1	600.00	600	144.00	600	06-Jan-18	8.31			LOW COAL STOCK
ADANI	2	600.00	600	144.00	600	13-Jan-18	18.52			LOW COAL STOCK
RAJWEST	5	135.00	120	28.68	120	18-Jan-18	1.31	26-Jan-18		BED MATERIAL LEAKAGE
RAJWEST	2	135.00	120	8.00	0	19-Jan-18	23.08	24-Jan-18	11.09	BED MATERIAL LEAKAGE
RAMGARH	GT01	37.50	29	7.00	29	28-Jan-18	19.19			NON AVAILIBTY OF GAS
Total(B) STATE SECTOR-FORCED OUTAGE			2252.50	1978.00	449.48	1857.50				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ISTPP(HAJIAB)	1	500.00	5	1.20	5	08-Jan-18	0.32			FUEL SHORTAGE
ANTA GFS	4	153.20	34	8.20	34	15-Jan-18	11.15			NON AVAILIBTY OF APM GAS
ANTA GFS	3	88.71	31	7.50	31	15-Jan-18	11.44			NON AVAILIBTY OF APM GAS
ANTA GFS	2	88.71	31	7.50	31	15-Jan-18	13.16			NON AVAILIBTY OF APM GAS
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1330.62	101.00	24.40	101.00				
G.TOTAL			473.88	1958.50						

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 (\$).