



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

Power Position 29-Jan-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -JAN.- 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		
Jan-19										
01-Jan-19	2420.31	2181.55	2361.40	2034.77	19.42	24.27	12746	10247	49.99	106.15
02-Jan-19	2532.49	2157.73	2409.42	2043.75	-5.83	33.30	12825	10318	49.98	70.02
03-Jan-19	2571.00	2066.22	2397.15	2043.96	-6.34	34.42	12873	10454	49.96	119.93
04-Jan-19	2551.65	2166.85	2373.00	2117.18	2.75	14.98	12409	10520	49.96	88.43
05-Jan-19	2627.31	2158.12	2341.46	2135.66	12.57	10.61	11974	10861	50.00	115.22
06-Jan-19	2513.92	2241.69	2351.70	2099.71	-10.14	27.82	12321	10826	50.01	215.41
07-Jan-19	2520.82	2197.41	2398.83	2063.97	-14.88	14.74	12788	10686	50.00	136.50
08-Jan-19	2546.21	2195.81	2421.86	2099.65	3.38	20.95	12568	10848	49.99	80.09
09-Jan-19	2566.18	2178.85	2433.95	2102.77	-0.92	19.70	12358	11128	49.98	50.86
10-Jan-19	2614.79	2234.36	2381.98	2148.67	3.54	47.11	12108	11243	49.97	86.18
11-Jan-19	2661.39	2146.48	2439.40	2144.93	-9.45	33.31	12729	11267	49.96	70.43
12-Jan-19	2586.25	2190.31	2341.41	2175.42	1.22	33.89	11615	11210	49.97	112.36
13-Jan-19	2624.08	2213.90	2339.46	2143.79	-27.26	33.17	12323	11564	50.00	183.25
14-Jan-19	2523.81	2111.78	2308.81	2057.66	-23.62	-0.55	12086	11382	50.01	207.66
15-Jan-19	2558.56	1980.93	2383.31	2081.79	-3.86	51.41	12442	11336	50.01	68.83
16-Jan-19	2631.31	2111.39	2408.01	2088.11	0.13	36.71	12440	10942	50.01	42.33
17-Jan-19	2556.46	2097.67	2461.93	2128.16	-11.61	24.76	12405	11360	49.99	149.64
18-Jan-19	2505.65	2132.62	2411.46	2137.23	-10.19	34.40	12272	11405	49.95	116.67
19-Jan-19	2704.60	2146.82	2420.23	2140.20	-0.93	48.69	12440	10890	49.99	57.83
20-Jan-19	2650.37	2145.69	2379.70	2118.18	-3.76	54.17	12667	11457	50.01	114.71
21-Jan-19	2523.71	2115.44	2250.97	2115.18	-21.32	43.32	12066	11389	49.99	162.01
22-Jan-19	2460.69	2099.46	2081.17	2085.04	-43.01	27.31	11525	10567	49.99	30.68
23-Jan-19	2447.11	2167.43	2268.99	2091.18	-13.47	18.52	11337	10452	49.99	86.19
24-Jan-19	2536.90	2067.51	2246.99	2116.82	-33.92	60.26	11757	10784	49.99	205.79
25-Jan-19	2465.94	2164.05	2191.67	2132.04	36.94	25.88	11440	10609	49.98	62.37
26-Jan-19	2560.54	2143.59	2215.27	2102.42	-18.46	32.88	11503	11470	50.00	112.08
27-Jan-19	2455.37	2133.52	2232.43	2121.86	-21.45	31.45	12181	11236	50.00	112.75
28-Jan-19	2536.14	2121.77	2327.68	2104.75	-2.66	32.17	12147	11032	49.98	47.99
29-Jan-19	2581.30	2109.80								
30-Jan-19										
31-Jan-19										
MAXIMUM OF THE MONTH	<b>2704.60</b>	<b>2241.69</b>	<b>2461.93</b>	<b>2175.42</b>	<b>36.94</b>	<b>60.26</b>	<b>12873.00</b>	<b>11564.00</b>	<b>50.01</b>	<b>215.41</b>
MIN OF THE MONTH	<b>2420.31</b>	<b>1980.93</b>	<b>2081.17</b>	<b>2034.77</b>	<b>-43.01</b>	<b>-0.55</b>	<b>11337.00</b>	<b>10247.00</b>	<b>49.95</b>	<b>30.68</b>
AVERAGE	<b>2552.93</b>	<b>2144.09</b>	<b>2342.13</b>	<b>2106.24</b>	<b>-7.25</b>	<b>31.06</b>	<b>12226.61</b>	<b>10981.54</b>	<b>49.99</b>	<b>107.58</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	

## 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
		28-Jan-19		
1	KTPS (1240/1240)	270.00	270.00	243.46
2	STPS (1500/1500)	220.00	220.00	187.53
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	20.69
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	7.19
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	42.35
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	360.00	301.00	281.10
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	558.00	556.00	497.98
11	WIND FARM (4139.20/4292.95)	64.00	46.90	47.99
12	SOLAR POWER(1661.70/2250.16)	157.05	169.44	167.72
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.00
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.29
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.06
18	RAJWEST (1080/1080)	201.00	201.00	167.34
	<b>TOTAL (A) : 1-18</b>	<b>1918.05</b>	<b>1852.34</b>	<b>1717.70</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	32.03	30.96	31.81
b)	DEHAR (198/ 990)	5.42	5.52	5.54
c)	PONG (231.66/396)	28.02	34.34	29.09
	<b>TOTAL : a TO c</b>	<b>65.47</b>	<b>70.82</b>	<b>66.44</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	93.67	82.23	70.18
e)	RIHAND (310.24/3000)	89.09	102.25	102.26
f)	UNCHAHAHAR-I(20/420)	5.94	5.99	5.10
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	21.64	44.74	30.92
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	16.14	13.91	5.59
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	9.98	9.91	5.75
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.69	4.64	4.64
n)	RAPP-B (125/440)	29.65	29.57	29.57
o)	RAPP-C (88/440)	19.26	19.26	19.26
p)	SALAL (20.36/690)	0.84	0.99	1.31
q)	URI (70.37/720)	8.16	8.57	8.96
r)	TANAKPUR (10.86/94)	0.63	0.54	0.47
s)	CHAMERA –I (105.84/540)	4.50	4.50	4.50
t)	CHAMERA-II (29.01/300)	1.18	0.85	1.17
u)	CHAMERA-III (25.21/231)	0.78	0.78	0.86
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.72	3.34	2.91
x)	SEWA (13/120)	0.78	0.78	0.78
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.46	5.32	5.32
z)	TEHRI (75/1000)	5.56	5.56	5.56
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	4.97	4.97	4.97
ab)	TALA	0.02	0.02	0.02
ac)	MUNDRA UMPP (380/4000)	65.68	69.86	68.61
ad)	SASAN (372/3960)	85.03	76.08	76.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.84	23.14	20.98
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	565.50	589.43	543.01
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>565.50</b>	<b>589.43</b>	<b>543.01</b>
21	BILATERAL (REG.) EXCL. BANKING	3.39	3.21	3.21
22	BANKING	13.09	13.09	13.09
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	71.20	71.20	71.20
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-24.74
25	INDIAN ENERGY EXCHANGE	10.06	6.87	6.87
	<b>TOTAL(B): (19 TO 25)</b>	<b>663.25</b>	<b>683.80</b>	<b>612.64</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2330.34</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-2.66
	<b>GRAND TOTAL</b>	<b>2581.30</b>	<b>2536.14</b>	<b>2327.68</b>
	LAST YEAR	2109.80	2121.77	2104.75

## 3. SYSTEM PARAMETERS AS ON 28-Jan-19

MAXIMUM DRAWL ON 28-Jan-19	12147 MW at 12.30-12.45 HRS 50.00 HZ
MINIMUM DRAWL ON 28-Jan-19	6420 MW at 04.00-04.15 Hrs 50.05 HZ
Max U/D of the day	549 MW at 18.00-18.15 Hrs 49.96 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	9
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	42
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
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	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	10
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

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	29-Jan-19	29-Jan-18		
Gandhi Sagar (Fl.)	1312	1250	NA	1285.83	NA	0
R.P.Sagar (Fl.)	1157.5	1128	1139.30	#REF!	4748	14018
Jawahar Sagar (Fl.)	980	970.4	976.20	973.40	8447	11665
Kota Barrage(Fl.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1300	
Bhakra(Fl.)	1690	1462	1640.67	1615.61	21328	5243
Dehar (Fl.)	2941	2900	2921.49	2920.07	1606	1945
Pong(Fl.)	1421	1260	1351.79	1333.20	10975	2321
Mahi-I (Mts.)	281.5	259	276.30	275.95	2960	NIL
Mahi-II (Mts.)	220.5	217	217.40	217.35	574	NIL

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

AVERAGE FREQ. FOR THE DAY		28-Jan-19	49.98 Hz
Max O/D of the day		416 MW at 02.00-02.15 Hrs 49.99 HZ	
Frequency Profile		% of Time	
LESS THAN 49.7 HZ		0.00	
LESS THAN 49.90 HZ		13.40	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		67.60	
ABOVE 50.05 HZ		19.00	
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	

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
29-Jan-19	KTPS	129297 MT	6.5 DAYS
	STPS	105542 MT	4 DAYS
	CHHABRA	165987 MT	22 DAYS
	KALISINDH	209155 MT	15 DAYS

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

29-Jan-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-Jan-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	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	23-Jan-19	1.30			BOXED UP (ANNUAL SHUT DOWN VIDE OP/01/077 Dated 22.01.19 FOR 21 DAYS)
STPS	6	250.00	229	55.00	229	24-Jan-19	3.26			BOXED UP (AS PER OP/01/746 Dated 24.01.19 DUE TO LOW DEMAND)
Total(A)-STATE SECTOR-PLANNED OUTAGE		955.00	818.00	196.40	818.00					
CENTRAL SECTOR										
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
DADRI GPS	6	154.51	16	3.90	16	22-Dec-18	11.18			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		263.81	28.00	6.80	28.00					

## (B) FORCED OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	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
BTPP	1	125.00	110	26.40	110	12-Jan-19	23.41			REFRACTORY FAILURE
RAJWEST	4	135.00	120	28.67	120	14-Jan-19	2.56			HEVY BED MATERIAL LEAKAGE
CTPP	1	250.00	225	0.00	0	27-Jan-19	11.29	28-Jan-19	20.27	BOILER TUBE LEAKAGE
RAJWEST	8	135.00	120	28.67	120	28-Jan-19	7.24			BED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		1130.00	935.00	170.14	710.00					
CENTRAL SECTOR										
DADRI-II TPS	2	490.00	NA	NA	NA	25-Jan-19	11.01	28-Jan-19	6.39	BOILER TUBE LEAKAGE
SINGRAULI	6	500.00	85	0.00	0	28-Jan-19	12.40	28-Jan-19	23.29	LEAKAGE IN IMPULSE LINE
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		990.00	85.00	0.00	0.00					
<b>G.TOTAL</b>			<b>170.14</b>	<b>710.00</b>						

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 (\$).