



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

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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								
24-Jan-19										
25-Jan-19										
26-Jan-19										
27-Jan-19										
28-Jan-19										
29-Jan-19										
30-Jan-19										
31-Jan-19										
MAXIMUM OF THE MONTH	2704.60	2241.69	2461.93	2175.42	19.42	54.17	12873.00	11564.00	50.01	215.41
MIN OF THE MONTH	2420.31	1980.93	2081.17	2034.77	-43.01	-0.55	11525.00	10247.00	49.95	30.68
AVERAGE	2560.81	2149.50	2368.03	2104.81	-6.82	30.39	12362.73	10995.45	49.99	108.42
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
1	KTPS (1240/1240)	270.00	270.00	237.65
2	STPS (1500/1500)	275.00	180.00	174.24
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.60
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	7.35
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	37.37
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	355.00	315.00	294.69
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	419.00	419.00	360.61
11	WIND FARM (4139.20/4292.95)	68.50	47.00	30.68
12	SOLAR POWER(1661.70/2250.16)	63.51	128.97	82.19
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.05
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	3.00	6.25
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	201.00	201.00	157.17
	TOTAL (A) : 1-18	1717.01	1622.97	1432.85
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.50	25.45	24.40
b)	DEHAR (198/ 990)	6.38	5.23	5.23
c)	PONG (231.66/396)	29.77	34.25	33.45
	TOTAL : a TO c	59.65	64.93	63.07
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	94.45	57.09	64.99
e)	RIHAND (310.24/3000)	112.72	98.08	95.10
f)	UNCHAHAR-I(20/420)	5.63	5.47	5.27
g)	UNCHAHAR-II& III & IV(135.09/1130)	43.68	41.11	36.41
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.16	13.39	9.00
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	9.63	9.34	7.07
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.59	4.59	4.59
n)	RAPP-B (125/440)	28.94	29.10	29.10
o)	RAPP-C (88/440)	19.07	19.07	19.07
p)	SALAL (20.36/690)	2.02	2.82	2.59
q)	URI (70.37/720)	6.25	6.14	6.91
r)	TANAKPUR (10.86/94)	0.45	0.44	0.45
s)	CHAMERA –I (105.84/540)	4.45	2.94	4.44
t)	CHAMERA-II (29.01/300)	1.21	1.17	1.34
u)	CHAMERA-III (25.21/231)	0.79	0.79	0.79
v)	DHAULIGANGA (27/280)	0.80	0.66	0.77
w)	DULHASTI (42.42/390)	3.10	3.10	3.05
x)	SEWA (13/120)	2.97	2.47	2.47
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.42	5.17	5.67
z)	TEHRI (75/1000)	6.14	5.02	5.89
aa)	KOTESHWAR (33.44/400) + PARBATIS (56.73/520)+KOLDAM (85.73/800)	5.17	4.73	5.31
ab)	TALA	0.04	0.01	0.04
ac)	MUNDRA UMPP (380/4000)	71.93	56.17	56.35
ad)	SASAN (372/3960)	70.38	48.92	51.85
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.65	18.14	18.14
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	599.28	500.85	499.73
	LOSSES	19.77	120.84	0.00
	NET SCHEDULED	619.05	621.69	499.73
21	BILATERAL (REG.) EXCL. BANKING	3.18	3.18	3.18
22	BANKING	13.02	13.02	13.02
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	71.10	115.80	115.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-24.00
25	INDIAN ENERGY EXCHANGE	23.75	84.04	84.04
	TOTAL(B): (19 TO 25)	730.11	837.73	691.33
	TOTAL GENERATION (A +B) : 1 TO 25			2124.18
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-43.01
	GRAND TOTAL	2447.11	2460.69	2081.17
	LAST YEAR	2167.43	2099.46	2085.05

3. SYSTEM PARAMETERS AS ON 22-Jan-19

MAXIMUM DRAWL ON 22-Jan-19	11525 MW at 16.45-17.00 HRS 49.99 HZ
MINIMUM DRAWL ON 22-Jan-19	4619 MW at 04.00-04.15 Hrs 49.88 HZ
Max U/D of the day	1520 MW at 04.00-04.15 Hrs 49.88 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	35
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	8
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	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	21
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	12
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	8
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	3
AVERAGE FREQ. FOR THE DAY 22-Jan-19	49.99 Hz
Max O/D of the day	856 MW at 06.45-07.00 Hrs 49.93 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	11.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	64.60
ABOVE 50.05 HZ	23.50
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	23-Jan-19	23-Jan-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1287.07	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1139.35	#REF!	8414	10734
Jawahar Sagar (Ft.)	980	970.4	975.30	973.50	7979	3350
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6150	
LMC					1300	
Bhakra(Ft.)	1690	1462	1644.11	1619.34	14371	7937
Dehar (Ft.)	2941	2900	2926.11	2919.42	1642	2509
Pong(Ft.)	1421	1260	1354.02	1335.71	12011	13694
Mahi-I (Mts.)	281.5	259	276.30	276.40	2960	NIL
Mahi-II (Mts.)	220.5	217	217.40	218.05	574	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
23-Jan-19	KTPS	191288 MT	9.5 days
	STPS	123131 MT	5 days
	CHHABRA	93853 MT	12.5 days
	KALISINDH	197724 MT	14 days

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

23-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-Jul-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	2	250.00	229	0.00	0	22-Jan-19	2.48	23-Jan-19	15.47		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	6	250.00	229	0.00	0	22-Jan-19	1.30	23-Jan-19	16.49		BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			1205.00	1047.00	141.40	589.00					
CENTRAL SECTOR											
AURAYA GFS	6	109.30	12	2.90	12	30-Nov-18	5.47				RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
DADRI GFS	6	154.51	16	3.90	16	22-Dec-18	11.18				RESERVE SHUTDOWN
DADRI-I TPS	4	210.00	NA	NA	NA	29-Jan-19	0.03				RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			263.81	28.00	6.80	28.00					
(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
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
ADANI	1	660.00	600	144.00	600	19-Jan-19	13.13				FRS 100%-VALVE HEAVY GLAND LEAKAGE
BTPP	2	125.00	110	26.40	110	20-Jan-19	11.30				REFRACTORY FAILURE
CHHABRA	1	250.00	225	0.00	0	22-Jan-19	6.11	22-Jan-19	13.42		SPS
Total(B) STATE SECTOR-FORCED OUTAGE			1780.00	1525.00	311.87	1300.00					
CENTRAL SECTOR											
SINGRAULI STPS	7	500.00	85	0.00	0	20-Jan-19	12.14	22-Jan-19	14.39		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE			500.00	85.00	0.00	0.00					
G.TOTAL			311.87	1300.00							

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 (\$).