



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

Power Position 11-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	2019	2019
Jan-19										
1-Jan-19	2420.31	2181.55	2361.40	2034.77	19.42	24.27	12746	10247	49.99	106.15
2-Jan-19	2532.49	2157.73	2409.42	2043.75	-5.83	33.30	12825	10318	49.98	70.02
3-Jan-19	2571.00	2066.22	2397.15	2043.96	-6.34	34.42	12873	10454	49.96	119.93
4-Jan-19	2551.65	2166.85	2373.00	2117.18	2.75	14.98	12409	10520	49.96	88.43
5-Jan-19	2627.31	2158.12	2341.46	2135.66	12.57	10.61	11974	10861	50.00	115.22
6-Jan-19	2513.92	2241.69	2351.70	2099.71	-10.14	27.82	12321	10826	50.01	215.41
7-Jan-19	2520.82	2197.41	2398.83	2063.97	-14.88	14.74	12788	10686	50.00	136.50
8-Jan-19	2546.21	2195.81	2421.86	2099.65	3.38	20.95	12568	10848	49.99	80.09
9-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								
12-Jan-19										
13-Jan-19										
14-Jan-19										
15-Jan-19										
16-Jan-19										
17-Jan-19										
18-Jan-19										
19-Jan-19										
20-Jan-19										
21-Jan-19										
22-Jan-19										
23-Jan-19										
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	2661.39	2241.69	2433.95	2148.67	19.42	47.11	12873.00	11243.00	50.01	215.41
MIN OF THE MONTH	2420.31	2066.22	2341.46	2034.77	-14.88	10.61	11974.00	10247.00	49.96	50.86
AVERAGE	2556.92	2175.01	2387.08	2089.01	0.36	24.79	12497.00	10713.10	49.98	106.88
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)					2549.75		5-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
		10-Jan-19		
1	KTPS (1240/1240)	203.00	246.00	198.53
2	STPS (1500/1500)	272.00	273.00	242.08
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	15.00	14.00	14.37
5	RAPP-A(200/200)	43.00	25.00	29.79
6	MAHI (140/140)	0.00	0.00	7.41
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	29.18
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	301.00	300.00	292.55
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	509.02
11	WIND FARM (4139.20/4292.95)	83.00	103.00	86.18
12	SOLAR POWER(1661.70/2250.16)	138.86	145.56	127.06
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.64
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	6.00	4.16
17	BARSINGHSAR LTPS(250/250)	51.00	50.00	50.13
18	RAJWEST (1080/1080)	229.00	201.00	175.40
	TOTAL (A) : 1-18	1938.86	1962.56	1790.50
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.69	23.49	23.82
b)	DEHAR (198/ 990)	5.97	5.97	5.97
c)	PONG (231.66/396)	31.31	32.93	33.11
	TOTAL : a TO c	60.97	62.38	62.89
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	85.01	82.39	82.15
e)	RIHAND (310.24/3000)	116.22	115.61	114.91
f)	UNCHAHAHAR-I(20/420)	5.08	5.94	3.97
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	18.68	41.22	17.33
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.06	16.11	10.13
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	10.41	10.63	6.86
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)	31.04	30.96	30.96
o)	RAPP-C (88/440)	19.13	19.13	19.13
p)	SALAL (20.36/690)	0.53	0.71	0.68
q)	URI (70.37/720)	4.90	5.05	4.95
r)	TANAKPUR (10.86/94)	0.45	0.47	0.44
s)	CHAMERA –I (105.84/540)	3.73	3.73	3.73
t)	CHAMERA-II (29.01/300)	1.41	1.29	1.11
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	0.87	0.87	0.87
w)	DULHASTI (42.42/390)	3.42	3.21	3.43
x)	SEWA (13/120)	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.01	5.82	6.19
z)	TEHRI (75/1000)	6.99	6.94	6.94
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.47	5.43	5.43
ab)	TALA	0.23	0.23	0.21
ac)	MUNDRA UMPP (380/4000)	61.26	60.75	60.71
ad)	SASAN (372/3960)	69.85	55.06	57.01
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.79	25.82	24.99
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	556.50	564.74	530.01
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	556.50	564.74	530.01
21	BILATERAL (REG.) EXCL. BANKING	16.76	16.53	16.53
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	69.15	71.30	71.30
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-29.55
25	INDIAN ENERGY EXCHANGE	80.11	-0.34	-0.34
	TOTAL(B): (19 TO 25)	722.53	652.23	587.94
	TOTAL GENERATION (A +B) : 1 TO 25			2378.44
	OVER DRAWAL (+)/UNDER DRAWAL (-)			3.54
	GRAND TOTAL	2661.39	2614.79	2381.98
	LAST YEAR	2146.48	2234.36	2148.68

3. SYSTEM PARAMETERS AS ON 10-Jan-19

MAXIMUM DRAWL ON 10-Jan-19	12108 MW at 12.45-13.00 HRS 49.95 HZ
MINIMUM DRAWL ON 10-Jan-19	6910 MW at 04.00-04.15 Hrs 50.0 HZ
Max U/D of the day	648 MW at 05.30-05.45 Hrs 50.00 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	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	51
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	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Jan-19	11-Jan-18		
Gandhi Sagar (Fl.)	1312	1250	1275.36	1289.44	8914	96
R.P.Sagar (Fl.)	1157.5	1128	1139.41	#REF!	6033	7940
Jawahar Sagar (Fl.)	980	970.4	975.50	974.60	7998	7058
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1200	
Bhakra(Fl.)	1690	1462	1650.93	1628.89	13780	5916
Dehar (Fl.)	2941	2900	2922.50	2921.25	1866	1941
Pong(Fl.)	1421	1260	1358.65	1340.65	12502	2407
Mahi-I (Mts.)	281.5	259	276.50	277.35	3120	NIL
Mahi-II (Mts.)	220.5	217	218.75	217.35	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	10-Jan-19	49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	745 MW at 02.15-02.30 Hrs 49.94 HZ		11/Jan/19	KTPS	248199	12.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	12.30					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.70					
ABOVE 50.05 HZ	10.00					
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	40					
No. of 132 KV Feeders Disconnected	0			STPS	253697	10 DAYS
				CHHABRA	145276	19.5 DAYS
				KALISINDH	125772	9 DAYS

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

11/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	8-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	8-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	8-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	8-Oct-18	12.29			BOXED UP
STPS	4	250.00	229	55.00	229	7-Dec-18	12.45			SHUTDOWN ANNUAL MAINTENANCE. (VIDE RVUNL MSG. NO. 7679 AND 69/12/17 DT.07.12.2018)
CTPP	1	250.00	225	54.00	225	17-Dec-18	18.57			EMERGENCY TRIPPED DUE TO HPH 5 LEVEL VERY HIGH (UNDER AS VIDE OP/12/284 W.E.F. 00.00 HRS./19.12.18 FOR 21 DAYS)
KTPS	2	110.00	100	23.00	100	28-Dec-18	23.49			SHUTDOWN FOR ANNUAL MAINTENANCE
Total(A)-STATE SECTOR-PLANNED OUTAGE		1065.00	914.00	218.40	914.00					

CENTRAL SECTOR

AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57			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		486.19	58.00	14.10	58.00					

(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	7-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	5-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAMGARH	STG1	37.50	10	3.00	10	28-Dec-18	0.37			MANUALLY DESYNCHRONISED DUE TO GRID FOR CONDENSER TUBE REPLACEMENT
RAJWEST	6	135.00	120	0.00	0	6-Jan-19	14.08	11-Jan-19	2.49	HEAVY BED MATERIAL LEAKAGE
KTPS	7	195.00	175	42.00	175	10-Jan-19	9.11			BOILER TUBE LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		652.50	515.00	95.40	395.00					

CENTRAL SECTOR

DADRI GPS	1	130.19	22	5.30	22	2-Dec-18	6.11			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
DADRI GPS	3	130.19	22	5.30	22	8-Jan-19	10.08			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
AURAIYA GPS	2	111.19	12	2.90	12	8-Jan-19	10.14			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
ENCHAHAR	6	500.00	NA	NA	NA	8-Jan-19	18.29			TRIPPED DUE TO DRUM LEVEL HIGH
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		871.57	56.00	13.50	56.00					
G.TOTAL			108.90	451.00						

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 (\$).