



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

Power Position 17-Jan-19	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	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								
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	2439.40	2175.42	19.42	51.41	12873.00	11564.00	50.01	215.41
MIN OF THE MONTH	2420.31	1980.93	2308.81	2034.77	-27.26	-0.55	11615.00	10247.00	49.96	42.33
AVERAGE	2565.09	2154.77	2380.70	2098.86	-3.71	27.24	12412.81	10927.00	49.99	109.60
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
		16-Jan-19		
1	KTPS (1240/1240)	270.00	270.00	242.33
2	STPS (1500/1500)	273.00	273.00	244.93
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	15.00	15.00	13.57
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	7.47
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	37.35
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	350.00	306.00	293.67
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	388.24
11	WIND FARM (4139.20/4292.95)	83.00	59.25	42.33
12	SOLAR POWER(1661.70/2250.16)	154.61	155.82	105.79
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.56
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.47
17	BARSINGHSAR LTPS(250/250)	26.00	25.00	26.21
18	RAJWEST (1080/1080)	201.00	201.00	180.97
	TOTAL (A) : 1-18	1837.61	1770.07	1611.88
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.05	26.46	26.18
b)	DEHAR (198/ 990)	5.79	5.79	5.79
c)	PONG (231.66/396)	33.91	33.91	33.91
	TOTAL : a TO c	66.75	66.16	65.88
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	91.37	96.11	96.11
e)	RIHAND (310.24/3000)	90.39	116.41	98.28
f)	UNCHAHAHAR-I(20/420)	5.47	5.91	6.06
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	44.31	44.14	32.09
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.77	16.22	10.93
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	8.37	8.52	7.30
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.61	4.58	4.58
n)	RAPP-B (125/440)	29.27	29.27	29.27
o)	RAPP-C (88/440)	19.11	19.11	19.11
p)	SALAL (20.36/690)	0.76	0.72	0.71
q)	URI (70.37/720)	5.71	5.22	5.49
r)	TANAKPUR (10.86/94)	0.41	0.37	0.46
s)	CHAMERA –I (105.84/540)	3.52	3.52	3.52
t)	CHAMERA-II (29.01/300)	1.08	1.45	1.34
u)	CHAMERA-III (25.21/231)	0.61	0.72	0.72
v)	DHAULIGANGA (27/280)	0.87	0.87	0.87
w)	DULHASTI (42.42/390)	2.99	2.78	2.78
x)	SEWA (13/120)	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.15	5.97	6.25
z)	TEHRI (75/1000)	6.81	6.81	6.81
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.45	5.45	5.45
ab)	TALA	0.03	0.03	0.11
ac)	MUNDRA UMPP (380/4000)	76.40	79.07	79.06
ad)	SASAN (372/3960)	84.09	84.01	84.01
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.95	26.40	25.84
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	594.62	630.21	593.42
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	594.62	630.21	593.42
21	BILATERAL (REG.) EXCL. BANKING	16.47	16.47	16.47
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	71.15	71.15	71.15
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-28.45
25	INDIAN ENERGY EXCHANGE	36.61	143.40	143.40
	TOTAL(B): (19 TO 25)	718.85	861.24	796.00
	TOTAL GENERATION (A +B) : 1 TO 25			2407.88
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.13
	GRAND TOTAL	2556.46	2631.31	2408.01
	LAST YEAR	2097.67	2111.39	2088.11

3. SYSTEM PARAMETERS AS ON 16-Jan-19

MAXIMUM DRAWL ON 16-Jan-19	12440 MW at 12.15-12.30 HRS 49.95 HZ
MINIMUM DRAWL ON 16-Jan-19	7022 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	669 MW at 13.45-14.00 Hrs 50.04 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
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	29
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	15
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	7
No. of Blocks in which Freq. >= 50.10	3
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	3

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	17-Jan-19	17-Jan-18		
Gandhi Sagar (Fl.)	1312	1250	1273.81	1288.39	NIL	103
R.P.Sagar (Fl.)	1157.5	1128	1139.39	#REF!	13796	11979
Jawahar Sagar (Fl.)	980	970.4	975.00	975.20	6954	12833
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1200	
Bhakra(Fl.)	1690	1462	1647.68	NA	16441	5538
Dehar (Fl.)	2941	2900	2923.09	NA	1720	1902
Pong(Fl.)	1421	1260	1356.09	NA	13722	2665
Mahi-I (Mts.)	281.5	259	276.30	276.80	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	217.20	NIL	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	16-Jan-19	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	1059 MW at 17.00-17.15 Hrs 49.96 HZ		17/Jan/19	KTPS	228650 MT	11.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	8.80					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	66.20			STPS	190948 MT	7.5 days
ABOVE 50.05 HZ	25.00					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			CHHABRA	130459 MT	17.5 days
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0		KALISINDH	161443 MT	11.5 days	

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

17/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		RED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)	
DCPP	HRSG2	55.00	50	12.00	50	8-Oct-18	12.08		BOXED UP	
DCPP	HRSG1	55.00	50	12.00	50	8-Oct-18	12.08		BOXED UP	
DCPP	GT2	110.00	100	24.00	100	8-Oct-18	12.28		BOXED UP	
DCPP	GT1	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 6912/12/17 DT:07.12.2018)	
CTPP	1	250.00	225	0.00	0	17-Dec-18	18.57	17-Jan-19	3.47	EMERGENCY TRIPPED DUE TO IPH 5 LEVEL VERY HIGH (UNDER AS VIDE 6912/284 W.E.F. 00.00 HRS:19.12.18 FOR 21 DAYS)
Total(A)-STATE SECTOR-PLANNED OUTAGE		955.00	814.00	141.40	589.00					

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

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	STG2	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
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
RAIWEST	4	135.00	120	28.67	120	14-Jan-19	2.56		HEAVY RED MATERIAL LEAKAGE
KALISINDH	2	600.00	565	135.60	565	14-Jan-19	9.47		BOILER TUBE LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		1382.50	1165.00	280.07	1165.00				

CENTRAL SECTOR

DADRI GPS	1	130.19	22	5.30	22	2-Dec-18	6.11		RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
SINGRAULI	4	200.00	34	8.20	34	9-Jan-19	12.10		BOILER TUBE LEAKAGE
ANTA GPS	3	88.71	31	7.50	31	10-Jan-19	10.00		NON AVAILABILITY OF CHEAP GAS
DADRI GPS	2	130.19	22	5.30	22	10-Jan-19	10.27		NON AVAILABILITY OF CHEAP GAS
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		549.09	109.00	26.30	109.00				
G.TOTAL				306.37	1274.00				

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 (\$).