



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

Power Position 07-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								
8-Jan-19										
9-Jan-19										
10-Jan-19										
11-Jan-19										
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	2627.31	2241.69	2409.42	2135.66	19.42	34.42	12873.00	10861.00	50.01	215.41
MIN OF THE MONTH	2420.31	2066.22	2341.46	2034.77	-10.14	10.61	11974.00	10247.00	49.96	70.02
AVERAGE	2533.93	2167.08	2372.36	2079.17	2.07	24.23	12524.67	10537.67	49.98	119.19
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	
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	4-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	246.00	246.00	231.52	246.00	246.00	216.32	246.00	246.00	205.45
2	STPS (1500/1500)	273.00	273.00	253.36	273.00	273.00	231.00	273.00	273.00	224.41
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	14.00	14.00	14.62	14.00	14.00	15.04	14.00	14.00	14.35
5	RAPP-A(200/200)	43.00	43.00	29.09	32.00	43.00	29.11	32.00	32.00	29.58
6	MAHI (140/140)	0.00	0.00	7.44	0.00	0.00	8.89	0.00	0.00	7.67
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	30.92	39.00	39.00	36.21	39.00	39.00	39.99
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	300.00	300.00	287.47	300.00	300.00	282.32	300.00	300.00	274.53
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	524.03	560.00	560.00	487.31	560.00	560.00	462.69
11	WIND FARM (4139.20/4292.95)	120.50	98.50	88.43	109.00	120.50	115.22	60.50	109.00	215.41
12	SOLAR POWER(1661.70/2250.16)	141.37	125.81	76.38	76.38	141.37	111.86	111.86	76.38	131.88
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.59	0.00	0.00	24.92	0.00	0.00	24.87
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	3.00	3.10	3.00	3.00	2.66	4.00	3.00	4.32
17	BARSINGH SAR LTPS(250/250)	0.00	0.00	0.00	22.00	0.00	11.95	22.00	22.00	22.29
18	RAJWEST (1080/1080)	201.00	201.00	183.16	201.00	201.00	161.14	201.00	201.00	128.78
	TOTAL (A) : 1-18	1940.87	1903.31	1753.11	1875.38	1940.87	1733.95	1863.36	1875.38	1786.23
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	24.95	24.65	24.65	22.30	24.95	23.75	21.95	22.30	21.87
b)	DEHAR (198/ 990)	5.93	6.15	5.93	5.82	5.93	5.79	5.95	5.82	5.85
c)	PONG (231.66/396)	29.36	34.50	33.33	29.45	29.36	29.27	31.76	29.45	30.62
	TOTAL : a TO c	60.24	65.30	63.90	57.56	60.24	58.81	59.66	57.56	58.34
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	44.72	48.60	48.20	52.68	44.72	53.54	84.98	52.68	57.63
e)	RIHAND (310.24/3000)	96.35	98.38	97.43	76.68	96.35	98.83	104.10	76.68	73.64
f)	UNCHAHAAR-I(20/420)	5.36	5.64	5.17	5.71	5.36	1.98	5.85	5.71	3.02
g)	UNCHAHAAR-II& III & IV(135.09/1130)	41.34	40.33	38.19	42.27	41.34	21.57	41.77	42.27	23.38
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.93	15.39	13.51	13.89	15.93	7.85	14.95	13.89	5.82
j)	DADRI GAS (77/830)	4.73	4.63	6.34	4.52	4.73	3.18	4.71	4.52	3.55
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	4.60	4.63	4.63	4.67	4.60	4.60	4.65	4.67	4.67
n)	RAPP-B (125/440)	31.00	30.92	30.92	31.08	31.00	31.00	30.88	31.08	31.08
o)	RAPP-C (88/440)	19.20	19.20	19.20	19.20	19.20	19.20	19.13	19.20	19.20
p)	SALAL (20.36/690)	0.62	0.70	0.84	0.87	0.62	0.81	0.89	0.87	1.21
q)	URI (70.37/720)	4.49	4.82	4.67	4.76	4.49	4.62	4.70	4.76	4.83
r)	TANAKPUR (10.86/94)	0.69	0.69	0.71	0.69	0.69	0.68	0.68	0.69	0.53
s)	CHAMERA –I (105.84/540)	3.37	3.37	3.37	3.37	3.37	3.37	3.94	3.37	3.37
t)	CHAMERA-II (29.01/300)	1.13	1.31	1.32	1.36	1.13	1.23	1.42	1.36	1.52
u)	CHAMERA-III (25.21/231)	0.71	0.71	0.78	0.41	0.71	0.71	0.00	0.41	0.75
v)	DHAULIGANGA (27/280)	0.95	0.95	0.95	0.94	0.95	0.95	0.94	0.94	0.94
w)	DULHASTI (42.42/390)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x)	SEWA (13/120)	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.87	5.85	5.85	5.38	5.87	5.87	5.72	5.38	6.08
z)	TEHRI (75/1000)	7.02	7.10	7.10	6.56	7.02	7.02	6.96	6.56	6.38
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.47	5.45	5.59	5.59	5.47	5.47	5.45	5.59	5.40
ab)	TALA	0.23	0.23	0.20	0.23	0.23	0.23	0.23	0.23	0.23
ac)	MUNDRA UMPP (380/4000)	82.07	78.23	77.58	65.31	82.07	76.81	68.48	65.31	59.00
ad)	SASAN (372/3960)	84.17	84.17	84.17	68.38	84.17	84.17	73.12	68.38	67.50
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.87	24.58	23.62	23.59	23.87	20.18	24.82	23.59	17.72
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	544.53	551.58	544.67	496.12	544.53	513.08	568.45	496.12	456.19
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	544.53	551.58	544.67	496.12	544.53	513.08	568.45	496.12	456.19
21	BILATERAL (REG.) EXCL. BANKING	3.38	3.50	3.50	3.38	3.38	3.38	3.60	3.38	3.55
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	70.81	71.29	71.29	63.53	70.81	64.73	62.92	63.53	62.93
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-24.29	0.00	0.00	-28.82	0.00	0.00	-22.57
25	INDIAN ENERGY EXCHANGE	67.72	21.98	21.98	75.51	67.72	67.72	9.44	75.51	75.51
	TOTAL(B): (19 TO 25)	686.44	648.34	617.14	638.54	686.44	620.09	657.46	638.54	575.61
	TOTAL GENERATION (A+B) : 1 TO 25			2370.25			2354.03			2361.84
	OVER DRAWAL (+)/UNDER DRAWAL (-)			2.75			-12.57			-10.14
	GRAND TOTAL	2627.31	2551.65	2373.00	2513.92	2627.31	2341.46	2520.82	2513.92	2351.70
	LAST YEAR	2158.12	2166.85	2117.18	2241.69	2158.12	2135.65	2197.41	2241.69	2099.71

3.SYSTEM PARAMETERS AS ON 06-Jan-19

MAXIMUM DRAWL ON 06-Jan-19	12321 MW at 12.30-12.45 HRS 50.04 HZ
MINIMUM DRAWL ON 06-Jan-19	6356 MW at 04.00-04.15 Hrs 50.00 HZ
Max U/D of the day	876 MW at 18.30-18.45 Hrs 50.02 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	4
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	22
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
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	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	16
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	20
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	14
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 6-Jan-19	50.01 Hz
Max O/D of the day	889 MW at 07.45-08.00 Hrs 49.95 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.40
ABOVE 50.05 HZ	28.20
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.	7-Jan-19	7-Jan-18		
Gandhi Sagar (Ft.)	1312	1250	1276.95	1289.90	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1139.80	#REF!	13512	13512
Jawahar Sagar (Ft.)	980	970.4	975.60	975.60	6970	11974
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1400	
Bhakra(Ft.)	1690	1462	1652.63	1631.82	12584	5970
Dehar (Ft.)	2941	2900	2922.44	2922.17	1766	2178
Pong(Ft.)	1421	1260	1360.26	1342.33	12517	2270
Mahi-I (Mts.)	281.5	259	276.95	277.70	3080	NIL
Mahi-II (Mts.)	220.5	217	218.05	217.10	NIL	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
7/Jan/19	KTPS	251386	12.5 DAYS
	STPS	289153	11.5 DAYS
	CHHABRA	152070	20 DAYS
	KALISINDH	101100	7 DAYS

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

7/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 OP/12/127 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 A/S 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-I)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
ANTA GPS	4	153.20	34	8.20	34	22-Dec-18	10.44			RESERVE SHUTDOWN
DADRI GPS	6	154.51	16	3.90	16	22-Dec-18	11.18			RESERVE SHUTDOWN
Total(A-I)CENTRAL SECTOR-PLANNED OUTAGE		639.39	92.00	22.30	92.00					

(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
BTPP	2	125.00	110	26.40	110	31-Dec-18	22.15			due to Refractory Breakage
RAJWEST	5	135.00	120	0.00	0	3-Jan-19	12.00	7-Jan-19	1.28	HEAVY BED MATERIAL LEAKAGE
RAJWEST	6	135.00	120	28.68	120	6-Jan-19	14.08			HEAVY BED MATERIAL LEAKAGE
Total(B I)STATE SECTOR-FORCED OUTAGE		717.50	570.00	108.48	450.00					

CENTRAL SECTOR

DADRI GPS	1	130.19	22	5.30	22	2-Dec-18	6.11			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
SINGROLI	7	500.00	85	0.00	0	4-Jan-19	2.55	6-Jan-19	11.00	BOILER TUBE LEAKAGE
Total(B II)CENTRAL SECTOR-FORCED OUTAGE		630.19	107.00	5.30	22.00					
G.TOTAL			113.78	472.00						

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 (\$).