



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

Power Position 05-Jan-18	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. --JAN- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Jan-18	2181.15	2071.32	2034.76	1948.21	24.27	19.58	10247	9137	49.99	2018
01-Jan-18	2181.15	2071.32	2034.76	1948.21	24.27	19.58	10247	9137	49.99	38.48
02-Jan-18	2157.73	2066.95	2043.75	1952.14	33.30	13.89	10318	9557	49.97	21.68
03-Jan-18	2066.22	1855.03	2043.96	1882.58	34.42	41.74	10454	9288	49.95	37.37
04-Jan-18	2166.85	1875.30	2117.18	1909.10	14.98	63.95	10520	9146	49.96	56.94
05-Jan-18	2158.12	2036.41								
06-Jan-18										
07-Jan-18										
08-Jan-18										
09-Jan-18										
10-Jan-18										
11-Jan-18										
12-Jan-18										
13-Jan-18										
14-Jan-18										
15-Jan-18										
16-Jan-18										
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22-Jan-18										
23-Jan-18										
24-Jan-18										
25-Jan-18										
26-Jan-18										
27-Jan-18										
28-Jan-18										
29-Jan-18										
30-Jan-18										
31-Jan-18										
MAXIMUM OF THE MONTH	2181.15	2071.32	2117.18	1952.14	34.42	63.95	10520.00	9557.00	49.99	56.94
MIN OF THE MONTH	2066.22	1855.03	2034.76	1882.58	14.98	13.89	10247.00	9137.00	49.95	21.68
AVERAGE	2124.68	1987.00	2059.91	1923.01	26.74	34.79	10384.75	9282.00	49.97	38.62

MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)

11290

(07.45-08.00 Hrs.)

21-Dec-17

MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)

2138.32

20-Sep-16

MAX.PEAK LOAD DURING THE FY 2016-17 (MW)

10348

(8.15-8.30 Hrs.)

25/1/2017

MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

MAX.WIND DURING THE YEAR 2016-17 (L.U.)

413.67

06-Jul-16

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		4-Jan-18		
1	KTPS (1240/1240)	247.00	244.00	227.29
2	STPS (1500/1500)	165.00	165.00	143.98
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	11.00	11.00	10.94
5	RAPP-A(200/200)	43.00	43.00	44.30
6	MAHI (140/140)	0.00	0.00	8.51
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	39.35
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	160.83
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	513.00	505.00	488.89
11	WIND FARM (3980.40/4119.15)	40.00	41.00	56.94
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.89
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	-1.70	-3.38	-3.38
16	BIOMASS – (101.95/119.25)	4.00	3.00	3.63
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.47
18	RAJWEST (1080/1080)	201.00	201.00	187.62
	TOTAL (A) : 1-18	1478.92	1466.24	1424.26
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.86	30.10	28.87
b)	DEHAR (198/ 990)	5.41	5.88	6.04
c)	PONG (231.66/396)	34.83	37.02	34.74
	TOTAL : a TO c	69.10	73.00	69.65
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.48	89.80	90.24
e)	RIHAND (310.24/3000)	110.23	128.41	121.11
f)	UNCHAHAHAR-I(20/420)	5.87	5.98	6.00
g)	UNCHAHAHAR-II& III(61/630)	23.37	23.76	19.64
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.82	17.53	11.35
j)	DADRI GAS (77/830)	0.00	0.58	0.57
k)	ANTA (83.07/419)	11.13	1.54	0.05
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.94	9.89	9.89
n)	RAPP-B (125/440)	16.75	16.75	16.75
o)	RAPP-C (88/440)	20.10	20.10	20.10
p)	SALAL (20.36/690)	0.71	0.71	0.71
q)	URI (70.37/720)	3.39	3.32	3.35
r)	TANAKPUR (10.86/94)	0.38	0.35	0.35
s)	CHAMERA –I (105.84/540)	2.94	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.02	1.02	0.97
u)	CHAMERA-III (25.21/231)	0.71	0.71	0.71
v)	DHAULIGANGA (27/280)	0.88	0.89	0.89
w)	DULHASTI (42.42/390)	2.39	2.90	2.61
x)	SEWA (13/120)	0.43	0.43	0.43
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.25	6.93	6.64
z)	TEHRI (75/1000)	7.01	7.01	7.01
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.74
ab)	TALA	0.16	0.22	0.22
ac)	MUNDRA UMPP (380/4000)	66.85	67.43	67.43
ad)	SASAN (372/3960)	88.56	88.56	88.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.93	26.07	24.49
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	583.96	599.58	578.59
	LOSSES	-37.01	-38.10	-39.67
	NET SCHEDULED	546.95	561.48	538.92
21	BILATERAL (REG.) EXCL. BANKING	3.34	3.46	3.35
22	BANKING	15.74	15.74	15.74
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.16	115.26	113.16
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	1.70	3.38	3.38
25	INDIAN ENERGY EXCHANGE	-1.70	3.40	3.40
	TOTAL(B): (19 TO 25)	679.19	700.61	677.94
	TOTAL GENERATION (A +B) : 1 TO 25			2102.21
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.98
	GRAND TOTAL	2158.12	2166.85	2117.19
	LAST YEAR	2036.41	1875.30	1909.10

3. SYSTEM PARAMETERS AS ON 04-Jan-18

MAXIMUM DRAWL ON 04-Jan-18	10520 MW at 07.15-07.30Hrs 49.86 Hz
MINIMUM DRAWL ON 04-Jan-18	6715 MW at 04.00-04.15Hrs 49.95 Hz
Max U/D of the day	373 MW at 17.30-17.45 HRS 49.95 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	66
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	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
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	2
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
AVERAGE FREQ. FOR THE DAY 4-Jan-18	49.96 Hz
Max O/D of the day	412 MW at 15.00-15.15 HRS 50.01Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	16.82
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.63
ABOVE 50.05 HZ	5.55
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	39
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.	5-Jan-18	5-Jan-17	4-Jan-18	4-Jan-18
Gandhi Sagar (Ft.)	1312	1250	1290.70	1307.27	8722	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.16	1139.92	8600	10491
Jawahar Sagar (Ft.)	980	970.4	975.30	976.70	7903	12014
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1634.88	1599.14	18943	6048
Dehar (Ft.)	2941	2900	2923.68	2917.91	1448	1723
Pong(Ft.)	1421	1260	1344.30	1337.09	14013	2636
Mahi-I (Mts.)	281.5	259	277.95	278.35	2980	NIL
Mahi-II (Mts.)	220.5	217	217.35	217.50	230	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
5-Jan-18	KTPS	77405	4 DAYS
	STPS	63770	2.5 DAYS
	CHHABRA	125385	16.5 DAYS
	KALISINDH	53069	3.5 DAYS

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

5-Jan-18

(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	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
STPS	2*	250.00	229	55.00	229	08-Dec-17	14.36			BOXED UP	
STPS	3*	250.00	229	55.00	229	24-Dec-17	20.03			BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED(permission not granted by rvnl end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)	
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by rvnl end id msg no OP/12/730 dt 27.12.17 and op/12/790 dt 30.12.17)	
Total(A) STATE SECTOR- PLANNED OUTAGE		955.00	828.00	198.80	828.00						
CENTRAL SECTOR											
DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN	
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN	
DADRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.20			RESERVE SHUTDOWN	
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN	
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN	
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN	
AURAIYA GPS	1	111.19	18	4.40	18	10-Nov-17	21.13			LESS DEMAND	
ANTA GPS	2	88.71	31	0.00	0	10-Nov-17	21.50	04-Jan-18	7.17	LESS DEMAND	
ANTA GPS	3	88.71	31	7.50	31	18-Dec-17	11.16			RESERVE SHUTDOWN	
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE	
AURAIYA GPS	5	109.00	18	4.40	18	19-Dec-17	19.42			RESERVE SHUTDOWN	
AURAIYA GPS	2	111.19	18	4.40	18	19-Dec-17	19.53			RESERVE SHUTDOWN	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1473.99	298.80	64.87	267.80						
(B) FORCE OUTAGE											
STATE SECTOR											
STATE SECTOR											

(A) STATE SECTOR- PLANNED OUTAGE

(B) CENTRAL SECTOR- PLANNED OUTAGE

(C) STATE SECTOR- FORCED OUTAGE

(D) CENTRAL SECTOR- FORCED OUTAGE

(E) TOTAL

(F) STATE SECTOR- FORCED OUTAGE

(G) CENTRAL SECTOR- FORCED OUTAGE

(H) TOTAL

(I) STATE SECTOR- FORCED OUTAGE

(J) CENTRAL SECTOR- FORCED OUTAGE

(K) TOTAL

(L) STATE SECTOR- FORCED OUTAGE

(M) CENTRAL SECTOR- FORCED OUTAGE

(N) TOTAL

(O) STATE SECTOR- FORCED OUTAGE

(P) CENTRAL SECTOR- FORCED OUTAGE

(Q) TOTAL

(R) STATE SECTOR- FORCED OUTAGE

(S) CENTRAL SECTOR- FORCED OUTAGE

(T) TOTAL

(U) STATE SECTOR- FORCED OUTAGE

(V) CENTRAL SECTOR- FORCED OUTAGE

(W) TOTAL

(X) STATE SECTOR- FORCED OUTAGE

(Y) CENTRAL SECTOR- FORCED OUTAGE

(Z) TOTAL

(AA) STATE SECTOR- FORCED OUTAGE

(AB) CENTRAL SECTOR- FORCED OUTAGE

(AC) TOTAL

(AD) STATE SECTOR- FORCED OUTAGE

(AE) CENTRAL SECTOR- FORCED OUTAGE

(AF) TOTAL

(AG) STATE SECTOR- FORCED OUTAGE

(AH) CENTRAL SECTOR- FORCED OUTAGE

(AI) TOTAL

(AJ) STATE SECTOR- FORCED OUTAGE

(AK) CENTRAL SECTOR- FORCED OUTAGE

(AL) TOTAL

(AM) STATE SECTOR- FORCED OUTAGE

(AN) CENTRAL SECTOR- FORCED OUTAGE

(AO) TOTAL

(AP) STATE SECTOR- FORCED OUTAGE

(AQ) CENTRAL SECTOR- FORCED OUTAGE

(AR) TOTAL

(AS) STATE SECTOR- FORCED OUTAGE

(AT) CENTRAL SECTOR- FORCED OUTAGE

(AU) TOTAL

(AV) STATE SECTOR- FORCED OUTAGE

(AW) CENTRAL SECTOR- FORCED OUTAGE

(AX) TOTAL

(AY) STATE SECTOR- FORCED OUTAGE

(AZ) CENTRAL SECTOR- FORCED OUTAGE

(BA) TOTAL

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 (\$) .