



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

<b>Power Position 10-Jan-18</b>	<b>Point No.</b>
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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										
1-Jan-18	2181.15	2071.32	2034.76	1948.21	24.27	19.58	10247	9137	49.99	38.48
2-Jan-18	2157.73	2066.95	2043.75	1952.14	33.30	13.89	10318	9557	49.97	21.68
3-Jan-18	2066.22	1855.03	2043.96	1882.58	34.42	41.74	10454	9288	49.95	37.37
4-Jan-18	2166.85	1875.30	2117.18	1909.10	14.98	63.95	10520	9146	49.96	56.94
5-Jan-18	2158.12	2036.41	2135.66	2058.01	10.61	22.60	10861	9611	49.95	63.02
6-Jan-18	2241.69	2121.59	2099.72	2073.72	27.82	26.40	10826	9791	49.94	55.13
7-Jan-18	2199.48	2084.02	2063.98	2027.18	14.74	22.45	10686	9446	49.97	27.37
8-Jan-18	2195.81	2057.41	2099.65	1970.41	20.95	-1.88	10848	9443	49.98	37.08
9-Jan-18	2178.85	1988.24	2102.77	1986.45	19.70	21.45	11128	9586	49.97	81.18
10-Jan-18	2234.36	1908.71								
11-Jan-18										
12-Jan-18										
13-Jan-18										
14-Jan-18										
15-Jan-18										
16-Jan-18										
17-Jan-18										
18-Jan-18										
19-Jan-18										
20-Jan-18										
21-Jan-18										
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	2241.69	2121.59	2135.66	2073.72	34.42	63.95	11128.00	9791.00	49.99	81.18
MIN OF THE MONTH	2066.22	1855.03	2034.76	1882.58	10.61	-1.88	10247.00	9137.00	49.94	21.68
AVERAGE	2163.48	2007.45	2082.38	1978.64	22.31	25.58	10654.22	9445.00	49.96	46.47

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

4-Jul-17

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

413.67

6-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
		9-Jan-18		
1	KTPS (1240/1240)	245.00	247.00	231.79
2	STPS (1500/1500)	218.00	224.00	192.41
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	19.00	11.00	11.72
5	RAPP-A(200/200)	43.00	43.00	44.61
6	MAHI (140/140)	0.00	0.00	9.05
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	29.82
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	163.00	150.77
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	421.00	421.00	383.74
11	WIND FARM (3980.40/4119.15)	74.00	57.50	81.18
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	1.97	10.56	10.56
16	BIOMASS – (101.95/119.25)	5.00	4.00	4.80
17	BARSINGHAR LTPS(250/250)	54.00	54.00	51.95
18	RAJWEST (1080/1080)	201.00	201.00	183.72
	<b>TOTAL (A) : 1-18</b>	<b>1484.59</b>	<b>1474.68</b>	<b>1386.12</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.50	28.26	27.42
b)	DEHAR (198/ 990)	4.93	5.73	5.01
c)	PONG (231.66/396)	28.47	27.25	28.57
	<b>TOTAL : a TO c</b>	<b>60.90</b>	<b>61.24</b>	<b>61.00</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	82.22	84.40	84.40
e)	RIHAND (310.24/3000)	129.84	129.90	129.90
f)	UNCHAHAHAR-I(20/420)	16.10	5.63	5.02
g)	UNCHAHAHAR-II& III(61/630)	38.64	22.58	20.06
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	17.34	15.79	13.46
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	16.11	10.62	10.32
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	10.97	10.06	10.06
n)	RAPP-B (125/440)	16.66	16.66	16.66
o)	RAPP-C (88/440)	20.10	20.10	20.10
p)	SALAL (20.36/690)	0.63	0.79	0.66
q)	URI (70.37/720)	3.15	3.08	2.98
r)	TANAKPUR (10.86/94)	0.61	0.33	0.33
s)	CHAMERA –I (105.84/540)	2.94	2.94	2.94
t)	CHAMERA-II (29.01/300)	0.92	0.87	0.87
u)	CHAMERA-III (25.21/231)	0.71	0.71	0.71
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.39	2.94	2.69
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.15	6.24	6.24
z)	TEHRI (75/1000)	7.57	7.57	7.57
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.98
ab)	TALA	0.25	0.25	0.25
ac)	MUNDRA UMPP (380/4000)	82.04	82.65	82.65
ad)	SASAN (372/3960)	88.80	88.80	88.80
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	20.86	20.67	19.42
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	629.65	598.59	594.27
	LOSSES	-42.67	-40.47	-43.39
	NET SCHEDULED	<b>586.98</b>	<b>558.12</b>	<b>550.88</b>
21	BILATERAL (REG.) EXCL. BANKING	3.10	3.10	3.10
22	BANKING	15.69	15.69	15.69
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	112.87	114.60	112.87
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-1.97	-10.56	-10.56
25	INDIAN ENERGY EXCHANGE	33.10	24.95	24.95
	<b>TOTAL(B): (19 TO 25)</b>	<b>749.77</b>	<b>704.18</b>	<b>696.95</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2083.06</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			19.70
	<b>GRAND TOTAL</b>	<b>2234.36</b>	<b>2178.85</b>	<b>2102.77</b>
	LAST YEAR	1908.71	1988.24	1986.45

## 3. SYSTEM PARAMETERS AS ON 09-Jan-18

MAXIMUM DRAWL ON 09-Jan-18	11128 MW at 08.15-08.30 Hrs 49.87 Hz
MINIMUM DRAWL ON 09-Jan-18	6325 MW at 04.00-04.15Hrs 49.99 Hz
Max U/D of the day	601 MW at 04.00-04.15 HRS 49.99 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	60
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	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	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 9-Jan-18	49.97 Hz
Max O/D of the day	640 MW at 21.15-21.30 HRS 50.01 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.15
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	81.02
ABOVE 50.05 HZ	12.83
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.	10-Jan-18	10-Jan-17		
Gandhi Sagar (Ft.)	1312	1250	1289.44	1306.69	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.14	1139.82	3535	NA
Jawahar Sagar (Ft.)	980	970.4	974.60	975.30	8326	NA
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
L.MC					1500	
Bhakra(Ft.)	1690	1462	1629.64	1596.06	17013	5791
Dehar (Ft.)	2941	2900	2921.58	2919.02	1345	1720
Pong(Ft.)	1421	1260	1341.04	1335.60	11507	1905
Mahi-I (Mts.)	281.5	259	277.35	278.25	3010	NIL
Mahi-II (Mts.)	220.5	217	217.35	217.00	368	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
10/Jan/18	KTPS	63909	3 DAYS
	STPS	52798	2 DAYS
	CHHABRA	121047	16 DAYS
	KALISINDH	46176	3 DAYS

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

10/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 RUVNL 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 RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASED (permission not granted by ruval end id msg no OP/12/790 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 ruval end id msg no OP/12/790 dt 27.12.17 and op/12/790 dt 30.12.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		455.00	370.00	88.80	370.00				

## 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	22.30		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	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		1385.28	267.80	64.87	267.80				

## (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-4
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	20-Jan-18	ELECTICAL PROTECTIONS(D till 10.01.2018)
RAMGARH	STG#2	50.00	40	9.60	40	23-Dec-17	0.01	12-Jan-18	SD FOR HPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTS (21 DAYS)
RAMGARH	GT#3	110.00	100	24.00	100	23-Dec-17	0.05	12-Jan-18	SD FOR HPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTS (21 DAYS)
RAMGARH	GT#2	37.50	29	0.00	0	31-Dec-17	20.18	9-Jan-18	19.40 shutdown of FOCUS energy limited
STPS	1	250.00	229	55.00	229	1-Jan-18	6.39	15-Jan-18	GT PROTECTION BUCHHLOZ ALARM
KTPS	2	110.00	100	23.00	100	1-Jan-18	23.51	11-Jan-18	DESYNCHRONIZED TO ATTEND BOILER TUBE LEAKAGE
ADANI	1	660.00	600	144.00	600	6-Jan-18	8.31	10-Jan-18	LOW COAL STOCK
RAJWEST	8	135.00	120	28.68	120	7-Jan-18	12.31	10-Jan-18	BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	9-Jan-18	1.48	12-Jan-18	FURNACE PRESSURE VERY HIGH
Total(B) STATE SECTOR-FORCED OUTAGE		1977.50	1726.50	410.08	1698.00				

## CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH
ANTA GPS	4	153.20	34	8.20	34	18-Dec-17	0.00		ROTOR JAM
DADRI GPS	1	130.19	22	5.30	22	3-Jan-18	4.07		UNIT KEPT OUT DUE TO LOW GAS
ISTP(JHAIJAR)	1	500.00	5	1.20	5	8-Jan-18	0.32		FUEL SHORTAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1283.39	61.00	14.70	61.00				

G.TOTAL 424.78 1759.00

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 (\$).