



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

<b>Power Position 02-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	2018	2018
Jan-18										
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								
03-Jan-18										
04-Jan-18										
05-Jan-18										
06-Jan-18										
07-Jan-18										
08-Jan-18										
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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	2034.76	1948.21	24.27	19.58	10247.00	9137.00	49.99	38.48
MIN OF THE MONTH	2157.73	2066.95	2034.76	1948.21	24.27	19.58	10247.00	9137.00	49.99	38.48
AVERAGE	2118.96	2051.76	2034.76	1948.21	24.27	19.58	10247.00	9137.00	49.99	38.48
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
		1-Jan-18		
1	KTPS (1240/1240)	244.00	267.00	253.35
2	STPS (1500/1500)	55.00	110.00	63.71
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	12.00	12.00	10.93
5	RAPP-A(200/200)	43.00	43.00	44.44
6	MAHI (140/140)	0.00	0.00	8.93
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	37.04
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	155.99
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	417.00	561.00	452.09
11	WIND FARM (3980.40/4119.15)	73.50	47.00	38.48
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	7.66	6.01	6.01
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.84
17	BARSINGHAR LTPS(250/250)	54.00	53.00	52.47
18	RAJWEST (1080/1080)	229.00	201.00	177.52
	<b>TOTAL (A) : 1-18</b>	<b>1342.78</b>	<b>1507.63</b>	<b>1305.80</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	29.60	29.81	29.62
b)	DEHAR (198/ 990)	5.01	4.69	4.69
c)	PONG (231.66/396)	35.59	35.12	34.91
	<b>TOTAL : a TO c</b>	<b>70.21</b>	<b>69.63</b>	<b>69.22</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	220.06	93.88	110.87
e)	RIHAND (310.24/3000)	129.71	125.97	129.22
f)	UNCHAHAHAR-I(20/420)	5.90	5.88	11.23
g)	UNCHAHAHAR-II& III(61/630)	23.50	23.28	31.49
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	16.63	17.24	14.38
j)	DADRI GAS (77/830)	14.25	3.70	9.23
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.89	9.89	9.89
n)	RAPP-B (125/440)	16.66	16.66	16.66
o)	RAPP-C (88/440)	19.96	19.86	19.86
p)	SALAL (20.36/690)	0.72	0.81	0.74
q)	URI (70.37/720)	3.72	2.71	1.86
r)	TANAKPUR (10.86/94)	0.38	0.36	0.38
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.06	1.06	1.06
u)	CHAMERA-III (25.21/231)	0.75	0.75	0.75
v)	DHAULIGANGA (27/280)	0.88	0.88	0.88
w)	DULHASTI (42.42/390)	2.94	2.72	2.94
x)	SEWA (13/120)	0.43	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.92	6.93	6.93
z)	TEHRI (75/1000)	7.01	7.35	7.35
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	2.55	5.86	5.86
ab)	TALA	0.34	0.28	0.28
ac)	MUNDRA UMPP (380/4000)	72.96	59.19	58.80
ad)	SASAN (372/3960)	88.68	84.06	84.06
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.75	23.93	22.60
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	745.99	586.42	620.07
	LOSSES	-49.32	-40.35	-42.82
	NET SCHEDULED	<b>696.67</b>	<b>546.07</b>	<b>577.25</b>
21	BILATERAL (REG.) EXCL. BANKING	3.69	3.69	3.69
22	BANKING	15.74	15.74	15.74
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.16	110.71	113.16
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-7.66	-6.01	-6.01
25	INDIAN ENERGY EXCHANGE	-6.65	0.88	0.88
	<b>TOTAL(B): (19 TO 25)</b>	<b>814.95</b>	<b>673.52</b>	<b>704.70</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2010.50</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.27
	<b>GRAND TOTAL</b>	<b>2157.73</b>	<b>2181.15</b>	<b>2034.77</b>
	LAST YEAR	2066.95	2071.32	1948.23

## 3. SYSTEM PARAMETERS AS ON 01-Jan-18

MAXIMUM DRAWL ON 01-Jan-18	10247 MW at 08.15-08.30Hrs 49.85 Hz
MINIMUM DRAWL ON 01-Jan-18	6274 MW at 04.00-04.15Hrs 50Hz
Max O/D of the day	518 MW at 08.30 HRS 49.85 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	12
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	24
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
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	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	2
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.	2-Jan-18	2-Jan-17		
Gandhi Sagar (FL)	1312	1250	NA	1307.63	8400	NA
R.P.Sagar (FL)	1157.5	1128	1137.25	1140.21	6629	NA
Jawahar Sagar (FL)	980	970.4	974.00	974.90	8018	NA
Kota Barrage(FL)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(FL)	1690	1462	1636.47	1601.36	18480	6391
Dehar (FL)	2941	2900	2922.11	2920.01	1431	1720
Pong(FL)	1421	1260	1345.31	1338.31	14210	2833
Mahi-I (Mts.)	281.5	259	278.10	278.65	3015	NIL
Mahi-II (Mts.)	220.5	217	217.90	217.85	333	NIL

## 5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	1-Jan-18	49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day		515 MW at 20.15 HRS 50.02 Hz	2-Jan-18	KTPS	82236	4 DAYS
Frequency Profile		% of Time				
LESS THAN 49.7 HZ		0.00		STPS	58383	2.5 DAYS
LESS THAN 49.90 HZ		13.66				
OPERATING RANGE (49.90 HZ TO 50.05 HZ)		66.63		CHHABRA	159163	21 DAYS
ABOVE 50.05 HZ		19.71				
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders		0		KALISINDH	58595	4 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders		14				
No. of 132 KV Feeders Disconnected		0				

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

2-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	HRSIG2*	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	GT92*	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	6*	250.00	229	55.00	229	21-Dec-17	22.12		BOXED UP
STPS	5*	250.00	229	55.00	229	22-Dec-17	6.30		BOXED UP
STPS	3*	250.00	229	55.00	229	24-Dec-17	20.03		BOXED UP
DCCPP	HRSIG1	55.00	50	12.00	50	11-Dec-17	21.12		SYSTEM LINE VOLTAGE INCREASED
DCCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34		AIR INLET DIFFERENTIAL PRESSURE HIGH
Total(A) STATE SECTOR-PLANNED OUTAGE		1455.00	1286.00	308.80	1286.00				

## CENTRAL SECTOR

DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	10-Nov-17	23.13		LESS DEMAND
ANTA GFS	2	88.71	31	7.50	31	10-Nov-17	21.50		LESS DEMAND
ANTA GFS	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	6.07		GENERAL MAINTENANCE
AURAIYA GFS	5	109.00	18	4.40	18	19-Dec-17	19.42		RESERVE SHUTDOWN
AURAIYA GFS	2	111.19	18	4.40	18	19-Dec-17	19.53		RESERVE SHUTDOWN
DADRI GFS	1	130.19	22	5.30	22	19-Dec-17	19.58		RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR-PLANNED OUTAGE		1604.18	320.80	77.67	320.80				

## (B) FORCED 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 COOLING	
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	10-Jan-18	ELECTICAL PROTECTION(SD on 10.01.2018)	
BANGARH	STG2	50.00	40	9.60	40	23-Dec-17	0.01	12-Jan-18	SD FOR HGP & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTD (21 DAYS)	
BANGARH	GT93	110.00	100	24.00	100	23-Dec-17	0.05	12-Jan-18	SD FOR HGP & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTD (21 DAYS)	
RAJWEST	2	135.00	120	0.00	0	29-Dec-17	12.31	01-Jan-18	19.40	HEAVY BED MATERIAL LEAKAGE
BANGARH	GT92	37.50	29	7.00	29	31-Dec-17	20.18		shutdown of FOCUS energy limited	
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39		GT PROTECTION BUCHELOZ ALARM	
ADANI	2	600.00	600	144.00	600	01-Jan-18	13.08		LHS HOT SEC. AIR EXPANSION BELLOW DAMAGED	
KTPS	2	110.00	100	23.00	100	01-Jan-18	23.51		DESYNCHRONIZED TO ATTEND BOILER TUBE LEAKAGE	
KTPS	4	110.00	192	28.71	192	02-Jan-18	7.22		DRUM LEVEL LOW	
Total(B) STATE SECTOR-FORCED OUTAGE		1977.50	1609.50	363.11	1570.00					

## CENTRAL SECTOR

UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
ANTA GFS	4	153.20	34	8.20	34	18-Dec-17	6.00		ROTOR JAM
Total(B) CENTRAL SECTOR-FORCED OUTAGE		653.20	34.00	8.20	34.00				
G.TOTAL			371.31	1604.00					

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 (\$).