



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

Power Position 18-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	2018	2018
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	2148.67	1955.10	47.11	31.68	11243	9058	49.98	74.68
11-Jan-18	2146.48	1934.87	2144.93	1969.72	33.31	40.34	11267	9464	49.95	30.41
12-Jan-18	2190.31	1957.32	2175.43	1949.96	33.89	54.00	11210	9791	49.95	22.55
13-Jan-18	2213.90	1985.90	2143.79	2058.34	33.17	40.07	11564	9910	49.97	16.40
14-Jan-18	2111.78	2097.92	2057.66	1998.05	27.15	20.47	11382	9763	49.98	21.88
15-Jan-18	1980.93	2080.04	2081.79	1959.74	51.41	33.96	11336	9434	49.98	86.87
16-Jan-18	2111.39	2078.81	2088.11	2013.74	36.71	25.50	10942	9689	49.97	112.82
17-Jan-18	2097.68	2092.46	2128.16	2058.55	24.76	8.55	11360	9812	49.95	136.69
18-Jan-18	2132.62	2065.12								
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	2175.43	2073.72	51.41	63.95	11564.00	9910.00	49.99	136.69
MIN OF THE MONTH	1980.93	1855.03	2034.76	1882.58	10.61	-1.88	10247.00	9058.00	49.94	16.40
AVERAGE	2146.49	2019.71	2100.59	1986.53	28.72	28.51	10952.47	9525.06	49.97	54.15
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)							11564	(08.00-8.15Hrs.)	13-Jan-18	
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
		17-Jan-18		
1	KTPS (1240/1240)	270.00	245.00	245.86
2	STPS (1500/1500)	273.00	273.00	253.90
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	20.00	20.73
5	RAPP-A(200/200)	45.00	45.00	44.77
6	MAHI (140/140)	0.00	0.00	7.03
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.82
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	162.00	159.10
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	254.02
11	WIND FARM (3980.40/4119.15)	123.00	71.50	136.69
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	18.31	-5.97	-5.97
16	BIOMASS – (101.95/119.25)	5.00	5.00	3.25
17	BARSINGHAR LTPS(250/250)	53.00	53.00	50.39
18	RAJWEST (1080/1080)	203.00	201.00	197.52
	<b>TOTAL (A) : 1-18</b>	<b>1486.93</b>	<b>1381.15</b>	<b>1406.11</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	28.17	28.77	28.64
b)	DEHAR (198/ 990)	5.65	5.72	5.25
c)	PONG (231.66/396)	28.10	29.89	26.11
	<b>TOTAL : a TO c</b>	<b>61.92</b>	<b>64.38</b>	<b>60.00</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	67.58	94.21	79.08
e)	RIHAND (310.24/3000)	127.50	127.09	127.09
f)	UNCHAHAHAR-I(20/420)	5.78	5.78	5.15
g)	UNCHAHAHAR-II& III(61/630)	22.99	23.01	19.56
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-I ( 43.22/980) + DADRI-TH	20.03	17.33	20.95
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	2.81	3.54	3.33
m)	NAPP (44/440)	9.86	9.86	9.86
n)	RAPP-B (125/440)	16.66	16.66	16.66
o)	RAPP-C (88/440)	20.00	20.00	20.00
p)	SALAL (20.36/690)	0.49	0.49	0.49
q)	URI (70.37/720)	3.02	2.94	2.89
r)	TANAKPUR (10.86/94)	0.35	0.34	0.34
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	0.87	0.87	0.87
u)	CHAMERA-III (25.21/231)	0.65	0.65	0.65
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.39	2.18	2.18
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.44	6.25	6.25
z)	TEHRI (75/1000)	6.82	6.82	6.82
aa)	KOTESHWAR (33.44/400 ) + PARBATI3 (56.73/520)	5.06	5.38	5.07
ab)	TALA	0.27	0.27	0.27
ac)	MUNDRA UMPP (380/4000)	68.40	65.09	65.09
ad)	SASAN (372/3960)	88.80	88.80	88.80
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.18	22.54	21.94
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	566.23	588.83	567.68
	LOSSES	-45.73	-48.00	-46.09
	NET SCHEDULED	<b>520.50</b>	<b>540.83</b>	<b>521.59</b>
21	BILATERAL (REG.) EXCL. BANKING	3.29	3.40	3.40
22	BANKING	15.61	15.61	15.61
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	112.35	113.45	112.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-18.31	5.97	5.97
25	INDIAN ENERGY EXCHANGE	12.25	38.36	38.36
	<b>TOTAL(B): (19 TO 25)</b>	<b>645.68</b>	<b>716.53</b>	<b>697.29</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2103.40</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.76
	<b>GRAND TOTAL</b>	<b>2132.62</b>	<b>2097.67</b>	<b>2128.16</b>
	LAST YEAR	2065.12	2092.46	2058.55

## 3. SYSTEM PARAMETERS AS ON 17-Jan-18

MAXIMUM DRAWL ON 17-Jan-18	11360 MW at 7.30-7.45 Hrs 49.90 Hz
MINIMUM DRAWL ON 17-Jan-18	6836 MW at 04.00-04.15Hrs 49.98 Hz
Max U/D of the day	477 MW at 22.00 HRS 50.03 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	8
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	75
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	27
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	12
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	0
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 17-Jan-18	49.95 Hz
Max O/D of the day	677 MW at 10.15 HRS 49.91 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.91
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.56
ABOVE 50.05 HZ	5.53
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	41
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.	18-Jan-18	18-Jan-17	17-Jan-18	17-Jan-18
Gandhi Sagar (Ft.)	1312	1250	1288.01	1305.74	NA	343
R.P.Sagar (Ft.)	1157.5	1128	1137.18	1139.10	1142	18587
Jawahar Sagar (Ft.)	980	970.4	975.30	978.80	8180	8353
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1400	
Bhakra(Ft.)	1690	1462	1623.56	1590.88	18181	4642
Dehar (Ft.)	2941	2900	2919.81	2920.53	1407	1615
Pong(Ft.)	1421	1260	1337.57	1332.75	11106	1944
Mahi-I (Mts.)	281.5	259	276.75	277.25	3085	NIL
Mahi-II (Mts.)	220.5	217	217.85	218.90	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
18/Jan/18	KTPS	45352	2 DAYS
	STPS	42757	1.5 DAYS
	CHHABRA	68287	9 DAYS
	KALISINDH	37000	2.5 DAYS

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

18/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 RVNLI 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 RVNLI 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 raval 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 raval 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		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
ANTA GPS	1	88.71	31	7.50	31	17-Dec-17	19.15			RESERVE SHUTDOWN
RAFP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
DADRI GPS	1	130.19	22	5.30	22	3-Jan-18	4.07			RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	19-Dec-17	19.53			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1295.28	253.00	61.37	253.00					

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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 PROTECTION(S/D 08/10/2018)
RANGARI	STG#2	50.00	40	9.60	40	23-Dec-17	0.01			SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
RANGARI	GT#3	110.00	100	24.00	100	23-Dec-17	0.05			SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
STPS	1	250.00	229	55.00	229	1-Jan-18	6.39			GT PROTECTION BUCHHLOZ ALARM
KTPS	2	110.00	100	0.00	0	1-Jan-18	23.51	17-Jan-18	12.41	DESYNCHRONIZED TO ATTEND BOILER TUBE LEAKAGE
ADANI	1	660.00	600	144.00	600	6-Jan-18	8.31			LOW COAL STOCK
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52			LOW COAL STOCK
RAIWEST	3	135.00	120	0.00	0	13-Jan-18	19.15	17-Jan-18	10.09	BED MATERIAL LEAKAGE
RAIWEST	5	135.00	120	1.80	8	18-Jan-18	1.31			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2485.00	2189.00	449.20	1856.50					
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
STPP(JHAIHAR)	1	500.00	5	1.20	5	8-Jan-18	0.32			FUEL SHORTAGE
SINGRAULI	7	500.00	85	20.50	85	10-Jan-18	14.17			BOILER TUBE LEAKAGE
ANTA GPS	3	88.71	31	7.50	31	15-Jan-18	11.44			NON AVAILIBTY OF GAS
ANTA GPS	2	88.71	31	7.50	31	15-Jan-18	13.16			NON AVAILIBTY OF GAS
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1830.62	186.00	44.90	186.00					
G.TOTAL				494.10	2042.50					

(B) FORCE OUTAGE										
STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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 PROTECTION(S/D 08/10/2018)
RANGARI	STG#2	50.00	40	9.60	40	23-Dec-17	0.01			SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
RANGARI	GT#3	110.00	100	24.00	100	23-Dec-17	0.05			SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
STPS	1	250.00	229	55.00	229	1-Jan-18	6.39			GT PROTECTION BUCHHLOZ ALARM
KTPS	2	110.00	100	0.00	0	1-Jan-18	23.51	17-Jan-18	12.41	DESYNCHRONIZED TO ATTEND BOILER TUBE LEAKAGE
ADANI	1	660.00	600	144.00	600	6-Jan-18	8.31			LOW COAL STOCK
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52			LOW COAL STOCK
RAIWEST	3	135.00	120	0.00	0	13-Jan-18	19.15	17-Jan-18	10.09	BED MATERIAL LEAKAGE
RAIWEST	5	135.00	120	1.80	8	18-Jan-18	1.31			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2485.00	2189.00	449.20	1856.50					
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
STPP(JHAIHAR)	1	500.00	5	1.20	5	8-Jan-18	0.32			FUEL SHORTAGE
SINGRAULI	7	500.00	85	20.50	85	10-Jan-18	14.17			BOILER TUBE LEAKAGE
ANTA GPS	3	88.71	31	7.50	31	15-Jan-18	11.44			NON AVAILIBTY OF GAS
ANTA GPS	2	88.71	31	7.50	31	15-Jan-18	13.16			NON AVAILIBTY OF GAS
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1830.62	186.00	44.90	186.00					
G.TOTAL				494.10	2042.50					

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 (\$).