



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

Power Position 19-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										
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	2135.66	2058.01	10.61	22.60	10861	9611	49.95	63.02
06-Jan-18	2241.69	2121.59	2099.72	2073.72	27.82	26.40	10826	9791	49.94	55.13
07-Jan-18	2199.48	2084.02	2063.98	2027.18	14.74	22.45	10686	9446	49.97	27.37
08-Jan-18	2195.81	2057.41	2099.65	1970.41	20.95	-1.88	10848	9443	49.98	37.08
09-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	2137.23	2050.75	34.40	36.28	11405	9697	49.98	138.40
19-Jan-18	2146.82	2053.71								
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	138.40
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	2146.51	2021.41	2102.62	1990.10	29.04	28.95	10977.61	9534.61	49.97	58.83
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		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
		18-Jan-18		
1	KTPS (1240/1240)	270.00	270.00	263.48
2	STPS (1500/1500)	273.00	273.00	255.21
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.75
5	RAPP-A(200/200)	43.00	45.00	44.92
6	MAHI (140/140)	0.00	0.00	8.59
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.59
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	157.52
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	254.25
11	WIND FARM (3980.40/4119.15)	75.00	123.00	138.40
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	19.97	18.31	18.31
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.91
17	BARSINGHAR LTPS(250/250)	53.00	53.00	52.43
18	RAJWEST (1080/1080)	201.00	203.00	194.57
	TOTAL (A) : 1-18	1436.59	1486.93	1448.93
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.87	28.17	27.58
b)	DEHAR (198/ 990)	5.01	5.65	5.57
c)	PONG (231.66/396)	24.68	28.10	24.48
	TOTAL : a TO c	57.55	61.92	57.64
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	83.68	67.58	67.58
e)	RIHAND (310.24/3000)	126.47	127.50	127.16
f)	UNCHAHAHAR-I(20/420)	5.95	5.78	8.59
g)	UNCHAHAHAR-II& III(61/630)	23.46	22.99	26.02
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.55	20.03	20.90
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)	3.16	2.81	2.81
m)	NAPP (44/440)	9.86	9.86	9.86
n)	RAPP-B (125/440)	16.58	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)	3.05	3.02	2.94
r)	TANAKPUR (10.86/94)	0.35	0.35	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)	0.60	0.65	0.65
v)	DHAULIGANGA (27/280)	0.81	0.81	0.81
w)	DULHASTI (42.42/390)	2.72	2.39	2.61
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.26	6.44	6.44
z)	TEHRI (75/1000)	5.81	6.82	6.82
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	1.91	5.06	5.07
ab)	TALA	0.26	0.27	0.27
ac)	MUNDRA UMPP (380/4000)	85.19	68.40	74.97
ad)	SASAN (372/3960)	89.04	88.80	88.80
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.05	23.18	23.18
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	589.20	566.23	575.03
	LOSSES	-44.87	-45.73	-46.31
	NET SCHEDULED	544.33	520.50	528.71
21	BILATERAL (REG.) EXCL. BANKING	3.29	3.29	3.29
22	BANKING	15.61	15.61	15.61
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	112.35	90.90	112.35
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-19.97	-18.31	-18.31
25	INDIAN ENERGY EXCHANGE	54.62	12.25	12.25
	TOTAL(B): (19 TO 25)	710.22	645.68	653.90
	TOTAL GENERATION (A +B) : 1 TO 25			2102.83
	OVER DRAWAL (+)/UNDER DRAWAL (-)			34.40
	GRAND TOTAL	2146.82	2132.62	2137.23
	LAST YEAR	2053.71	2065.12	2050.75

3.SYSTEM PARAMETERS AS ON 18-Jan-18

MAXIMUM DRAWL ON 18-Jan-18	11405 MW at 08.15-08.30 Hrs 49.90 Hz
MINIMUM DRAWL ON 18-Jan-18	6868 MW at 04.00-04.15Hrs 49.97 Hz
Max U/D of the day	621 MW at 05.45-06.00 HRS 49.96 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	27
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
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	12
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	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	1
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.	19-Jan-18	19-Jan-17		
Gandhi Sagar (Fl.)	1312	1250	1287.83	1305.62	8937	385
R.P.Sagar (Fl.)	1157.5	1128	1137.19	1139.09	3402	14005
Jawahar Sagar (FL.)	980	970.4	975.50	977.90	8304	8097
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1450	
Bhakra(Fl.)	1690	1462	1622.70	1590.12	17400	3541
Dehar (Fl.)	2941	2900	2918.56	2917.97	1566	1511
Pong(Fl.)	1421	1260	1337.19	1332.47	10268	2110
Mahi-I (Mts.)	281.5	259	276.65	277.20	3000	NIL
Mahi-II (Mts.)	220.5	217	218.10	219.35	329	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 18-Jan-18		49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	548 MW at 07.45-08.00 HRS 49.96 Hz					
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	3.94					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.85		STPS	44301	1.5 Days	
ABOVE 50.05 HZ	13.21					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0		CHHABRA	65418	8.5 Days	
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	34					
No. of 132 KV Feeders Disconnected	0		KALISINDH	40931	2.5 Days	

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

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
STATE SECTOR										
GRAL	1	125.00	70	16.30	70	11-Jun-14	8.20			RED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCPP	HRS02*	55.00	50	12.00	50	13-Jun-16	16.35			BOXED I/P PERMISSION GIVEN BY RUNNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	GT02*	110.00	100	24.00	100	13-Jun-16	16.40			BOXED I/P PERMISSION GIVEN BY RUNNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED permission not granted by runnl end M msg no OP12730 dt: 27.12.17 and op12790 dt: 30.12.17
DCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH permission not granted by runnl end M msg no OP12730 dt: 27.12.17 and op12790 dt: 30.12.17
Total(A) STATE SECTOR- PLANNED OUTAGE			455.00	370.00	88.80	370.00				
CENTRAL SECTOR										
DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GFS	6	154.00	23	5.30	22	25-Oct-17	23.22			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
ANTA GFS	1	88.71	31	7.50	31	17-Dec-17	19.15			RESERVE SHUTDOWN
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
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	03-Jan-18	4.07			RESERVE SHUTDOWN
DADRI GFS	5	154.51	16	3.90	16	04-Jan-18	5.23			RESERVE SHUTDOWN
DADRI GFS	2	130.19	22	5.30	22	04-Jan-18	5.50			RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			1579.98	291.80	70.57	291.80				
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GRAL	2	125.00	70	16.30	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	20-Jan-18		ELECTRICAL PROTECTION(SD IR 10/01/2018)
RANGARI	STG02	50.00	40	9.60	40	23-Dec-17	0.01			SD FOR HGFS & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
RANGARI	GT03	110.00	100	24.00	100	23-Dec-17	0.05			SD FOR HGFS & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39			GT PROTECTION BUCHLOZ ALARM.
ADANI	1	600.00	600	144.00	600	06-Jan-18	8.21			LOW COAL STOCK
ADANI	2	600.00	600	144.00	600	13-Jan-18	18.52			LOW COAL STOCK
RAJWEST	5	135.00	120	28.60	120	18-Jan-18	1.31			RED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE			2240.00	1969.00	476.08	1968.50				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ANTA GFS	4	153.20	34	0.00	0	18-Dec-17	0.00	04-Jan-18	12.39	ROTOR JAM
STPP(RAJAR)	1	500.00	5	1.20	5	08-Jan-18	0.32			FUEL SHORTAGE
SINGRAULI	7	500.00	85	0.00	0	10-Jan-18	14.17	11-Jan-18	21.17	BOILER TUBE LEAKAGE
ANTA GFS	4	153.20	34	8.20	34	15-Jan-18	11.15			NON AVAILABILITY OF APM GAS
ANTA GFS	3	88.71	31	7.50	31	15-Jan-18	11.44			NON AVAILABILITY OF APM GAS
ANTA GFS	2	88.71	31	7.50	31	15-Jan-18	13.16			NON AVAILABILITY OF APM GAS
SINGRAULI	7	500.00	85	20.50	85	17-Jan-18	10.05			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE			2483.82	305.00	44.90	186.00				
G.TOTAL				520.98	2154.50					

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 (\$).