



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

Power Position 11-Dec-18		Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -DEC.- 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		
Dec-18										
01-Dec-18	2340.39	2075.44	2287.25	2014.88	9.69	21.81	11804	11008	49.98	29.43
02-Dec-18	2376.61	2124.01	2266.12	2024.18	-4.82	16.65	11622	10534	50.00	69.01
03-Dec-18	2521.73	2073.93	2293.41	1960.75	6.85	30.24	12225	10391	49.97	60.02
04-Dec-18	2566.31	2061.26	2306.63	2071.16	10.94	5.66	11989	10325	49.96	70.35
05-Dec-18	2437.16	2112.90	2339.65	1911.82	0.41	5.03	12373	10380	49.95	39.71
06-Dec-18	2492.73	1947.37	2343.74	1820.63	-10.59	22.27	12401	9851	49.95	34.65
07-Dec-18	2482.58	1909.86	2178.19	1875.03	-3.52	20.02	11682	9836	49.97	70.10
08-Dec-18	2398.01	2026.08	2287.76	1912.45	2.85	15.41	12063	10336	49.97	58.43
09-Dec-18	2417.65	1912.77	2305.20	1939.64	15.45	52.10	12335	10309	49.97	50.08
10-Dec-18	2437.87	1948.81	2319.44	2006.63	27.27	27.73	12130	10680	49.94	70.19
11-Dec-18	2415.27	1934.93								
12-Dec-18										
13-Dec-18										
14-Dec-18										
15-Dec-18										
16-Dec-18										
17-Dec-18										
18-Dec-18										
19-Dec-18										
20-Dec-18										
21-Dec-18										
22-Dec-18										
23-Dec-18										
24-Dec-18										
25-Dec-18										
26-Dec-18										
27-Dec-18										
28-Dec-18										
29-Dec-18										
30-Dec-18										
31-Dec-18										
MAXIMUM OF THE MONTH	2566.31	2124.01	2343.74	2071.16	27.27	52.10	12401.00	11008.00	50.00	70.35
MIN OF THE MONTH	2340.39	1909.86	2178.19	1820.63	-10.59	5.03	11622.00	9836.00	49.94	29.43
AVERAGE	2444.21	2011.58	2292.74	1953.72	5.45	21.69	12062.40	10365.00	49.97	55.20

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)	2549.75	05-Jun-18
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)	12401	(09.45-10.00Hrs.) 06-Dec-18
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)	2222.22	18-Aug-17
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)	11564	(08.00-8.15Hrs.) 13-Jan-18
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)	565.54	13-Jun-18
MAX.WIND DURING THE YEAR 2017-18 (L.U.)	482.76	04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received
		10-Dec-18		
1	KTPS (1240/1240)	224.00	224.00	203.22
2	STPS (1500/1500)	55.00	61.00	50.77
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.61
5	RAPP-A(200/200)	43.00	43.00	37.32
6	MAHI (140/140)	0.00	0.00	7.35
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	35.11
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	357.00	357.00	425.39
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	481.23
11	WIND FARM (4139.20/4292.95)	125.00	73.00	70.19
12	SOLAR POWER(1661.70/2250.16)	138.35	140.74	70.78
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.39
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	7.00	4.73
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	21.40
18	RAJWEST (1080/1080)	172.00	172.00	142.15
	TOTAL (A) : 1-18	1764.35	1722.74	1593.64
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	17.81	17.54	17.51
b)	DEHAR (198/ 990)	7.19	6.66	7.34
c)	PONG (231.66/396)	35.90	35.90	35.90
	TOTAL : a TO c	60.90	60.10	60.75
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	84.76	97.06	97.06
e)	RIHAND (310.24/3000)	91.21	99.69	99.36
f)	UNCHAHAHAR-I(20/420)	4.80	5.75	13.10
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	18.57	22.08	18.18
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.88	15.46	17.83
j)	DADRI GAS (77/830)	2.79	2.35	8.94
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)	9.38	9.36	9.36
n)	RAPP-B (125/440)	31.04	31.04	31.04
o)	RAPP-C (88/440)	19.09	18.87	18.87
p)	SALAL (20.36/690)	0.81	0.88	0.79
q)	URI (70.37/720)	6.17	5.90	5.92
r)	TANAKPUR (10.86/94)	0.86	0.89	0.80
s)	CHAMERA –I (105.84/540)	4.31	4.31	4.31
t)	CHAMERA-II (29.01/300)	1.29	1.29	1.46
u)	CHAMERA-III (25.21/231)	0.83	0.83	0.94
v)	DHAULIGANGA (27/280)	1.19	1.19	1.12
w)	DULHASTI (42.42/390)	3.70	3.75	3.70
x)	SEWA (13/120)	0.29	0.29	0.29
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.04	7.22	7.22
z)	TEHRI (75/1000)	5.48	5.48	5.48
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.33	5.57	5.57
ab)	TALA	0.37	0.37	0.31
ac)	MUNDRA UMPP (380/4000)	58.14	76.16	75.80
ad)	SASAN (372/3960)	84.07	84.07	84.07
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.33	25.87	24.30
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	541.65	585.83	596.57
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	541.65	585.83	596.57
21	BILATERAL (REG.) EXCL. BANKING	3.97	3.75	3.75
22	BANKING	44.57	44.57	44.57
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	78.47	124.45	79.88
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-27.33
25	INDIAN ENERGY EXCHANGE	-17.74	1.10	1.10
	TOTAL(B): (19 TO 25)	650.92	715.13	698.53
	TOTAL GENERATION (A +B) : 1 TO 25			2292.17
	OVER DRAWAL (+)/UNDER DRAWAL (-)			27.27
	GRAND TOTAL	2415.27	2437.87	2319.44
	LAST YEAR	1934.93	1948.81	2006.64

3. SYSTEM PARAMETERS AS ON 10-Dec-18

MAXIMUM DRAWL ON 10-Dec-18	12130 MW at 09.00-09.15 Hrs 49.86 HZ
MINIMUM DRAWL ON 10-Dec-18	6856 MW at 04.00-04.15 Hrs 50.00 HZ
Max U/D of the day	490 MW at 07.15-07.30 Hrs 49.86 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	7
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	73
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	26
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	7
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	10
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	2
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	1
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cumecs)	Inflow (cumecs)
	Max.	Min.	11-Dec-18	11-Dec-17		
Gandhi Sagar (Ft.)	1312	1250	1282.24	1294.96	8240	158
R.P.Sagar (Ft.)	1157.5	1128	1140.99	#REF!	12654	6749
Jawahar Sagar (Ft.)	980	970.4	975.00	975.50	8184	6425
Kota Barrage(Ft.)	854.5	852.3	854.30	854.50		
RMC					5700	
LMC					850	
Bhakra(Ft.)	1690	1462	1664.91	1649.10	10581	7079
Dehar (Ft.)	2941	2900	2923.88	2920.80	2171	2281
Pong(Ft.)	1421	1260	1371.81	1354.80	13520	1899
Mahi-I (Mts.)	281.5	259	278.80	279.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.50	217.95	NIL	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
11-Dec-18	KTPS	374299	19 DAYS
	STPS	215974	8.5 DAYS
	CHHABRA	205916	27.5 DAYS
	KALISINDH	98361	7 DAYS

AVERAGE FREQ. FOR THE DAY	10-Dec-18	49.94 Hz
Max O/D of the day	851 MW at 08.45-09.00 Hrs 49.95 HZ	
Frequency Profile	% of Time	
LESS THAN 49.7 HZ	0.00	
LESS THAN 49.90 HZ	23.40	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	73.00	
ABOVE 50.05 HZ	3.60	
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	20	
No. of 132 KV Feeders Disconnected	0	

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

11-Dec-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	60	14.40	60	11-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.87.14)
RAMGARH	STG2	50.00	40	9.60	40	05-Oct-18	10.58	NON AVAILABILITY OF SUFFICIENT GAS
DCPP	HRSG2	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	HRSG1	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	GT2	110.00	100	24.00	100	08-Oct-18	12.28	BOXED UP
DCPP	GT1	110.00	100	24.00	100	08-Oct-18	12.29	BOXED UP
STPS	2	250.00	229	55.00	229	19-Nov-18	12.33	BOXED UP (IT UP AS PER RVUNL MESSAGE NO. 0P11/415 DT25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG. NO.422 DT 25.11.18 DUE TO DATA COMMUNICATION ERROR IN DDC PANEL
STPS	6	250.00	229	6.11	229	02-Dec-18	21.55	10-Dec-18 2.40 BOXED UP
STPS	3	250.00	229	55.00	229	04-Dec-18	13.12	BOXED UP
STPS	5	250.00	229	55.00	229	05-Dec-18	19.10	BOXED UP (VIDE RVUNL MSG. NO. 7426 AND 0P12/96 DT05.12.2018)
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45	BOXED UP (VIDE RVUNL MSG. NO. 7479 AND 0P12/127 DT.07.12.2018)
Total(A)STATE SECTOR-PLANNED OUTAGE		1755.00	1545.00	322.11	1545.00			

CENTRAL SECTOR

DABRI GPS	4	130.19	22	5.30	22	12-Nov-18	23.06	RESERVE SHUTDOWN
AURAYIA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28	RESERVE SHUTDOWN
AURAYIA GPS	3	111.19	12	2.90	12	13-Nov-18	10.28	RESERVE SHUTDOWN
DABRI GPS	6	154.51	16	3.90	16	13-Nov-18	10.38	RESERVE SHUTDOWN
DABRI GPS	3	130.19	16	3.90	16	13-Nov-18	11.10	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	23-Nov-18	21.43	RESERVE SHUTDOWN
AURAYIA GPS	4	111.19	18	4.40	18	30-Nov-18	5.33	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAYIA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAYIA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
JHAJJHAR	1	500.00	5	0.00	0	09-Dec-18	0.00	10-Dec-18 6.13 RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1557.66	162.00	38.10	157.00			

(B) FORCED OUTAGE

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57	BED MATERIAL LEAKAGE
RAJWEST	1	135.00	120	28.68	120	25-Nov-18	6.00	HEAVY BED MATERIAL LEAKAGE
BTPP	2	125.00	110	26.40	110	04-Dec-18	0.50	ID AN PROBLEM
KTPS	5	210.00	192	46.00	192	07-Dec-18	12.22	API PROBLEM
RAMGARH	GT3	110.00	100	9.60	100	07-Dec-18	20.45	INSUFFICIENT AVAILABILITY OF GAS
STPS	1	250.00	229	42.40	229	10-Dec-18	5.30	TRIPPED WITH GRID
Total(B)STATE SECTOR-FORCED OUTAGE		1090.00	940.00	198.56	940.00			

CENTRAL SECTOR

UNCHAMAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNANCE PRESSURE HIGH
RIBHAND	1	500.00	58	13.80	58	23-Nov-18	0.30	ANNUAL OVERHAULING
ANTA GPS	2	88.71	31	7.50	31	26-Nov-18	5.06	NON AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	26-Nov-18	5.14	NON AVAILABILITY OF CHEAP GAS
ANTA GPS	1	88.71	31	7.50	31	26-Nov-18	5.54	NON AVAILABILITY OF CHEAP GAS
DABRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11	RESERVE SHUTDOWN
AURAYIA GPS	5	109.30	12	2.90	12	05-Dec-18	6.17	TRIPPED,REASON AWAITED
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1570.11	188.00	45.20	188.00			
G.TOTAL				243.76	1128.00			

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 (\$).