



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

Power Position 18-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	2371.02	1858.70	-7.94	-7.61	12937	10502	49.95	180.13
12-Dec-18	2349.16	1881.52	2248.68	1845.98	-1.13	18.45	11638	9185	49.96	179.67
13-Dec-18	2343.72	2005.14	2242.09	1965.25	6.62	5.77	11681	9967	49.97	134.77
14-Dec-18	2376.67	1998.34	2297.97	1995.29	-8.41	23.48	11788	10612	49.98	222.55
15-Dec-18	2346.25	2137.33	2279.38	1978.70	-6.56	31.79	12196	10284	49.97	317.42
16-Dec-18	2154.34	1986.52	2283.45	1956.56	4.12	16.90	11859	10578	49.98	338.11
17-Dec-18	2457.65	2128.59	2362.39	1959.65	17.91	14.01	12618	10412	49.97	217.45
18-Dec-18	2431.94	2074.98								
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	2137.33	2371.02	2071.16	27.27	52.10	12937.00	11008.00	50.00	338.11
MIN OF THE MONTH	2154.34	1881.52	2178.19	1820.63	-10.59	-7.61	11622.00	9185.00	49.94	29.43
AVERAGE	2408.11	2018.88	2294.85	1946.90	3.48	18.81	12078.88	10305.29	49.97	126.00

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)

12937

(09.15-09.30Hrs.)

11-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
		17-Dec-18		
1	KTPS (1240/1240)	222.00	222.00	187.45
2	STPS (1500/1500)	55.00	55.00	44.88
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.21
5	RAPP-A(200/200)	43.00	43.00	37.28
6	MAHI (140/140)	0.00	0.00	7.58
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	42.39
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	304.00	360.00	389.65
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	484.22
11	WIND FARM (4139.20/4292.95)	135.00	172.00	217.45
12	SOLAR POWER(1661.70/2250.16)	157.98	155.03	153.38
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.50
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.73
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	25.50
18	RAJWEST (1080/1080)	201.00	198.00	161.92
	TOTAL (A) : 1-18	1768.98	1856.03	1801.14
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.84	23.18	22.93
b)	DEHAR (198/ 990)	6.98	7.51	6.90
c)	PONG (231.66/396)	36.50	35.69	35.69
	TOTAL : a TO c	68.32	66.37	65.52
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.03	83.12	83.12
e)	RIHAND (310.24/3000)	98.27	87.47	87.47
f)	UNCHAHAHAR-I(20/420)	5.66	5.67	3.12
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	33.21	32.85	22.98
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.27	15.55	5.64
j)	DADRI GAS (77/830)	5.30	5.31	2.48
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)	9.37	9.49	9.49
n)	RAPP-B (125/440)	16.91	31.09	24.86
o)	RAPP-C (88/440)	19.12	19.12	19.12
p)	SALAL (20.36/690)	0.84	0.89	0.72
q)	URI (70.37/720)	6.11	5.94	5.67
r)	TANAKPUR (10.86/94)	0.80	0.79	0.79
s)	CHAMERA –I (105.84/540)	4.69	4.69	4.69
t)	CHAMERA-II (29.01/300)	1.35	1.44	1.46
u)	CHAMERA-III (25.21/231)	0.89	0.89	0.89
v)	DHAULIGANGA (27/280)	1.05	1.08	1.05
w)	DULHASTI (42.42/390)	3.29	3.45	3.13
x)	SEWA (13/120)	0.42	0.42	0.42
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.61	6.61	6.75
z)	TEHRI (75/1000)	6.06	6.06	6.06
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.90	5.74	5.85
ab)	TALA	0.13	0.13	0.15
ac)	MUNDRA UMPP (380/4000)	72.24	73.99	73.99
ad)	SASAN (372/3960)	84.11	64.13	70.32
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.22	24.95	22.33
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	586.15	557.25	528.09
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	586.15	557.25	528.09
21	BILATERAL (REG.) EXCL. BANKING	3.86	3.86	3.86
22	BANKING	45.82	45.82	45.82
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	80.39	120.81	74.99
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-29.13
25	INDIAN ENERGY EXCHANGE	-53.26	-80.29	-80.29
	TOTAL(B): (19 TO 25)	662.96	601.63	543.34
	TOTAL GENERATION (A +B) : 1 TO 25			2344.48
	OVER DRAWAL (+)/UNDER DRAWAL (-)			17.91
	GRAND TOTAL	2431.94	2457.65	2362.39
	LAST YEAR	2074.98	2128.59	1959.65

3. SYSTEM PARAMETERS AS ON 17-Dec-18

MAXIMUM DRAWL ON 17-Dec-18	12618 MW at 09.15-09.30 HRS 49.85 HZ
MINIMUM DRAWL ON 17-Dec-18	6794 MW at 04.00-04.15 Hrs 49.99 HZ
Max U/D of the day	387 MW at 09.00-09.15 Hrs 49.87HZ
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	8
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	65
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	16
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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-Dec-18	49.97 Hz
Max O/D of the day	600 MW at 10.00-10.15 Hrs 49.91 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	78.00
ABOVE 50.05 HZ	9.10
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.	18-Dec-18	18-Dec-17		
Gandhi Sagar (Ft.)	1312	1250	1280.72	1293.92	2274	147
R.P.Sagar (Ft.)	1157.5	1128	1140.52	#REF!	8165	9709
Jawahar Sagar (Ft.)	980	970.4	976.50	974.20	3080	8269
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6075	
LMC					1100	
Bhakra(Ft.)	1690	1462	1662.96	1645.97	14308	6330
Dehar (Ft.)	2941	2900	2923.22	2920.80	2000	2303
Pong(Ft.)	1421	1260	1368.88	1352.47	13529	2232
Mahi-I (Mts.)	281.5	259	278.70	278.95	3190	NIL
Mahi-II (Mts.)	220.5	217	218.30	218.05	575	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-Dec-18	KTPS	337328	17 DAYS
	STPS	252158	10 DAYS
	CHHABRA	197342	26 DAYS
	KALISINDH	100730	7 DAYS

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

18-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 (SD W.E.F.15.07.14)
DCCPP	HRSG02	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG01	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	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 (VIDE RVUNL MSG. NO. 0P/11/415 DT.25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO. 632 DT.25.11.18) DUE TO DATA COMMUNICATION ERROR IN DDC PANEL
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. 7626 AND OP/12/96 DT.05.12.2018)
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45			BOXED UP (VIDE RVUNL MSG. NO. 7679 AND OP/12/127 DT.07.12.2018)
STPS	1	250.00	229	55.00	229	10-Dec-18	5.30			TRIPPED WITH GRID (BOXED UP VIDE LD APP NO. OP/12/152 DATED 09.12.18)
KTPS	4	210.00	192	46.00	192	14/10/2018	12.24			BOXED UP (VIDE RVUNL MSG. NO. 7933 DT. 14.12.18)
Total(A)-STATE SECTOR-PLANNED OUTAGE			1915.00	1697.00	407.40	1697.00				

CENTRAL SECTOR

DABRI GPS	4	130.19	22	5.30	22	12-Nov-18	23.06			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28			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
AURAIYA GPS	4	111.19	18	4.40	18	30-Nov-18	5.33			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			946.47	145.00	35.20	145.00				

(B) FORCE 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-4
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57			BED MATERIAL LEAKAGE
BTPP	2	125.00	110	26.40	110	04-Dec-18	6.50			ID FAN PROBLEM
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
CTPP	1	250.00	225	54.00	225	17-Dec-18	18.57			EMERGENCY TRIPPED DUE TO BPH 5 LEVEL VERY HIGH
Total(B) STATE SECTOR-FORCED OUTAGE			795.00	664.50	159.48	664.50				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
RIBAND	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
AURAIYA 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				204.68	852.50					

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 (\$).