



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

Power Position 26-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	2018	2018
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	2363.17	1999.63	38.92	21.70	12322	11047	49.98	96.95
19-Dec-18	2393.20	2144.31	2352.12	2040.94	11.73	40.85	12417	11185	49.95	59.30
20-Dec-18	2386.10	2193.42	2363.69	2084.40	4.99	46.11	12668	11242	49.96	51.05
21-Dec-18	2320.90	2121.71	2370.67	2066.07	24.74	31.57	12688	11290	49.94	79.73
22-Dec-18	2404.16	2132.69	2371.22	2052.74	-10.66	20.87	13025	11159	49.98	66.12
23-Dec-18	2404.14	2059.79	2301.29	2070.02	5.87	25.47	12686	11032	49.99	99.66
24-Dec-18	2495.71	2183.02	2380.41	2024.71	32.61	17.35	12355	10894	49.98	206.85
25-Dec-18	2452.89	2148.13	2385.37	2061.08	12.59	40.61	12683	10654	49.95	82.18
26-Dec-18	2495.20	2142.58								
27-Dec-18										
28-Dec-18										
29-Dec-18										
30-Dec-18										
31-Dec-18										
MAXIMUM OF THE MONTH	2566.31	2193.42	2385.37	2084.40	38.92	52.10	13025.00	11290.00	50.00	338.11
MIN OF THE MONTH	2154.34	1881.52	2178.19	1820.63	-10.66	-7.61	11622.00	9185.00	49.94	29.43
AVERAGE	2411.47	2056.36	2316.01	1979.88	7.20	22.57	12247.40	10547.72	49.97	115.36

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)

13025

(09.30-09.45Hrs.)

22-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 Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	270.00	270.00	247.64	270.00	270.00	246.51
2	STPS (1500/1500)	165.00	165.00	130.57	165.00	165.00	128.46
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	19.00	21.00	17.83	19.00	19.00	17.65
5	RAPP-A(200/200)	43.00	35.00	37.63	43.00	43.00	35.80
6	MAHI (140/140)	0.00	0.00	7.49	0.00	0.00	7.31
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	45.72	39.00	39.00	35.70
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	227.00	306.00	301.94	284.00	227.00	307.23
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	498.27	560.00	560.00	510.78
11	WIND FARM (4139.20/4292.95)	78.50	214.00	206.85	72.25	78.50	82.18
12	SOLAR POWER(1661.70/2250.16)	165.95	166.83	143.33	143.34	165.95	156.09
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.95	0.00	0.00	24.94
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	7.00	5.72	3.00	6.00	3.35
17	BARSINGHAR LTPS(250/250)	52.00	52.00	52.48	52.00	52.00	52.87
18	RAJWEST (1080/1080)	115.00	143.00	108.51	143.00	115.00	96.30
	TOTAL (A) : 1-18	1740.45	1978.83	1828.93	1793.59	1740.45	1705.17
19	BBMB COMPLEX						
a)	BHAKRA(230.79/1516.3)	24.80	24.98	25.68	24.83	24.80	24.46
b)	DEHAR (198/ 990)	6.71	7.07	6.80	6.50	6.71	6.41
c)	PONG (231.66/396)	36.85	38.91	38.73	34.33	36.85	34.33
	TOTAL : a TO c	68.36	70.96	71.21	65.67	68.36	65.21
20	CENTRAL STATIONS						
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.76	74.13	74.13	87.55	95.76	95.76
e)	RIHAND (310.24/3000)	118.98	93.69	93.13	88.17	118.98	109.97
f)	UNCHAHR-I(20/420)	4.98	5.98	3.58	4.88	4.98	8.15
g)	UNCHAHR-II& III & IV(135.09/1130)	39.76	35.75	27.61	39.83	39.76	35.61
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.97	13.89	8.46	15.67	15.97	11.70
j)	DADRI GAS (77/830)	5.08	4.97	4.23	5.11	5.08	7.22
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.39	9.39	9.39	9.39	9.39	9.39
n)	RAPP-B (125/440)	14.34	14.58	14.58	14.34	14.34	14.34
o)	RAPP-C (88/440)	19.20	19.20	19.20	19.20	19.20	19.20
p)	SALAL (20.36/690)	0.78	0.87	0.74	0.81	0.78	0.79
q)	URI (70.37/720)	5.04	5.56	4.81	5.25	5.04	4.72
r)	TANAKPUR (10.86/94)	0.74	0.75	0.73	0.67	0.74	0.70
s)	CHAMERA –I (105.84/540)	3.91	4.28	4.28	3.91	3.91	3.91
t)	CHAMERA-II (29.01/300)	1.34	1.35	1.18	1.22	1.34	1.19
u)	CHAMERA-III (25.21/231)	0.73	0.73	0.73	0.73	0.73	0.73
v)	DHAULIGANGA (27/280)	0.89	0.89	0.89	0.87	0.89	0.95
w)	DULHASTI (42.42/390)	3.21	3.21	3.21	3.21	3.21	3.11
x)	SEWA (13/120)	0.40	0.40	0.40	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.09	6.18	6.18	6.16	6.09	6.09
z)	TEHRI (75/1000)	6.57	5.30	5.30	6.57	6.57	6.57
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.17	4.73	4.73	5.17	5.17	5.17
ab)	TALA	0.21	0.13	0.13	0.21	0.21	0.21
ac)	MUNDRA UMPP (380/4000)	65.95	67.76	67.60	70.39	65.95	65.90
ad)	SASAN (372/3960)	83.71	68.89	68.89	82.40	83.71	83.71
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.10	24.32	21.81	23.26	23.10	22.85
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	599.67	537.91	517.14	561.04	599.67	583.46
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	599.67	537.91	517.14	561.04	599.67	583.46
21	BILATERAL (REG.) EXCL. BANKING	3.48	3.48	3.48	3.48	3.48	3.48
22	BANKING	45.64	45.64	45.64	45.64	45.64	45.64
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	115.44	80.90	83.86	115.44	161.08	114.39
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-25.83	0.00	0.00	-27.57
25	INDIAN ENERGY EXCHANGE	-51.79	-105.41	-105.41	-23.99	-51.79	-51.79
	TOTAL(B): (19 TO 25)	712.44	516.88	518.88	701.61	712.44	667.61
	TOTAL GENERATION (A +B) : 1 TO 25			2347.81			2372.78
	OVER DRAWAL (+)/UNDER DRAWAL (-)			32.61			12.59
	GRAND TOTAL	2452.89	2495.71	2380.42	2495.20	2452.89	2385.37
	LAST YEAR	2148.13	2183.02	2024.70	2142.58	2148.13	2061.07

3. SYSTEM PARAMETERS AS ON 25-Dec-18

MAXIMUM DRAWL ON 25-Dec-18	12683 MW at 09.15-09.30 HRS 49.92 HZ
MINIMUM DRAWL ON 25-Dec-18	7005 MW at 04.00-04.15 Hrs 49.95 HZ
Max U/D of the day	446 MW at 22.00-22.15 Hrs 50.01 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	15
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	10
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	40
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	20
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	17
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
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	1
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 25-Dec-18	49.95 Hz
Max O/D of the day	591 MW at 11.45-12.00 Hrs 50HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	19.40
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.00
ABOVE 50.05 HZ	8.60
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	12
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.	26-Dec-18	26-Dec-17	25-Dec-18	25-Dec-18
Gandhi Sagar (Ft.)	1312	1250	1278.97	1292.65	NIL	57
R.P.Sagar (Ft.)	1157.5	1128	1140.25	#REF!	7307	7808
Jawahar Sagar (Ft.)	980	970.4	975.60	975.90	8121	3329
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6075	
LMC					1200	
Bhakra(Ft.)	1690	1462	1658.84	1640.04	14588	6010
Dehar (Ft.)	2941	2900	2921.71	2919.42	1954	2030
Pong(Ft.)	1421	1260	1365.09	1348.65	13344	2309
Mahi-I (Mts.)	281.5	259	277.65	278.40	3185	NIL
Mahi-II (Mts.)	220.5	217	217.80	218.05	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
26-Dec-18	KTPS	276881	14 days
	STPS	275972	11 days
	CHHABRA	214925	28.5 days
	KALISINDH	76559	5.5 days

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

26-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	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCCPP	HRSG#1	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/LIT UP AS PER RVUNL MESSAGE NO. OP/11/415 DT25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO. 632 DT 25.11.18) DUE TO DATA COMMUNICATION ERROR IN DDC PANNEL
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)
CTPP	1	250.00	225	54.00	225	17-Dec-18	18.57				EMERGENCY TRIPPED DUE TO IPH#1 LEVEL VERY HIGH (UNDER A/S VIDE OP/12/284 W.E.F. 00.00 HRS./19.12.18 FOR 21 DAYS)
Total(A)STATE SECTOR- PLANNED OUTAGE		1455.00	1272.00	305.40	1272.00						
CENTRAL SECTOR											
AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28				RESERVE SHUTDOWN
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
ANTA GPS	4	153.20	34	8.20	34	22-Dec-18	10.44				RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	22-Dec-18	11.12				RESERVE SHUTDOWN
DADRI GPS	6	154.51	16	3.90	16	23-Dec-18	11.18				RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	22-Dec-18	10.46				RESERVE SHUTDOWN
Total(A)CENTRAL SECTOR- PLANNED OUTAGE		839.29	141.00	34.20	141.00						
(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-1
RAJWEST	3	135.00	120	28.67	120	03-Nov-18	16.57				BED MATERIAL LEAKAGE
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
RAJWEST	6	135.00	120	28.67	120	18-Dec-18	21.27				BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	0.00	0	21-Dec-18	10.55	25-Dec-18	19.17		BAD MATERIAL LEAKAGE
RAJWEST	7	135.00	120	28.67	120	24-Dec-18	15.05				BED MATERIAL LEAKAGE
STPS	6	250.00	229	0.00	0	25-Dec-18	8.15	25-Dec-18	12.05		DUE PA FAN
STPS	6	250.00	229	0.00	0	25-Dec-18	12.08	25-Dec-18	13.53		DRUM LEVEL LOW
Total(B)STATE SECTOR-FORCED OUTAGE		1325.00	1146.50	136.41	568.50						
CENTRAL SECTOR											
DADRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11				RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
AURAIYA GPS	5	109.30	12	2.90	12	05-Dec-18	6.17				TRIPPED,REASON AWAITED
RAPP	4	220.00	63	15.07	63	17-Dec-18	14.39				E/SD URGENT MAINTENANCE WORK ON STEAM GENERATOR
RHAND	5	500.00	75	18.00	75	25-Dec-18	13.42				BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR- FORCED OUTAGE		959.49	171.80	41.27	171.80						
G.TOTAL			177.68	740.30							

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 (S).