



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

Power Position 24-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								
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	2193.42	2371.22	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	2406.26	2048.95	2310.20	1974.40	5.86	22.01	12223.78	10528.04	49.97	112.82

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 Day	Prior assessment of Avail.	Actual Energy Received	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			
		21-Dec-18			22-Dec-18			23-Dec-18					
1	KTPS (1240/1240)	270.00	245.00	228.89	270.00	270.00	241.80	270.00	270.00	225.17			
2	STPS (1500/1500)	144.00	10.00	15.16	165.00	144.00	124.05	165.00	165.00	132.33			
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
4	RAMGARH (273.5/273.5)	21.00	21.00	19.41	21.00	21.00	18.98	21.00	21.00	18.61			
5	RAPP-A(200/200)	43.00	43.00	37.47	35.00	43.00	37.06	35.00	35.00	37.22			
6	MAHI (140/140)	0.00	0.00	7.64	0.00	0.00	7.43	0.00	0.00	10.22			
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	40.79	39.00	39.00	32.71	39.00	39.00	35.09			
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	162.00	296.00	363.47	212.00	162.00	281.06	306.00	212.00	300.40			
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	524.99	560.00	560.00	501.08	560.00	560.00	475.99			
11	WIND FARM (4139.20/4292.95)	39.25	39.25	79.73	68.75	39.25	66.12	214.00	68.75	99.66			
12	SOLAR POWER(1661.70/2250.16)	161.16	168.56	161.71	161.71	161.16	166.83	166.83	161.71	165.95			
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.92	0.00	0.00	24.81	0.00	0.00	25.04			
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
16	BIOMASS – (101.95/119.25)	7.00	7.00	7.42	7.00	7.00	7.25	7.00	7.00	7.41			
17	BARSINGHSAR LTPS(250/250)	52.00	52.00	52.23	52.00	52.00	51.29	52.00	52.00	47.40			
18	RAJWEST (1080/1080)	143.00	172.00	139.36	143.00	143.00	124.92	143.00	143.00	109.11			
	TOTAL (A) : 1-18	1641.41	1652.81	1704.19	1734.46	1641.41	1685.39	1978.83	1734.46	1689.60			
19	BBMB COMPLEX												
a)	BHAKRA(230.79/1516.3)	27.37	27.26	27.94	26.14	27.37	26.81	24.98	26.14	25.74			
b)	DEHAR (198/990)	7.15	7.11	7.06	7.05	7.15	6.95	7.07	7.05	6.96			
c)	PONG (231.66/396)	39.40	39.67	39.76	39.31	39.40	39.49	38.91	39.31	39.31			
	TOTAL : a TO c	73.92	74.04	74.76	72.50	73.92	73.25	70.96	72.50	72.01			
20	CENTRAL STATIONS												
d)	SINGRAULI (300/2000)+SINGRAULI SHEP (1.87/8.00)	97.22	93.37	93.37	97.22	97.22	97.22	74.13	97.22	90.46			
e)	RIHAND (310.24/3000)	103.55	80.02	87.73	84.01	103.55	93.33	93.69	84.01	90.75			
f)	UNCHAHAR-I(20/420)	6.13	6.30	5.30	5.42	6.13	3.81	5.98	5.42	1.81			
g)	UNCHAHAR-II& III & IV(135.09/1130)	21.96	24.82	21.36	19.37	21.96	13.92	35.75	19.37	14.01			
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
i)	NCTPS DADRI SH-II (43.22/980) + DADRI-TH	15.39	18.01	13.89	13.27	15.39	5.37	13.89	13.27	3.04			
j)	DADRI GAS (77/830)	6.03	5.03	10.91	5.18	6.03	4.17	4.97	5.18	3.15			
k)	ANTA (83.07/419)	0.00	0.00	0.00	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	0.00	0.00	0.00			
m)	NAPP (44/440)	9.51	9.39	9.39	9.46	9.51	9.51	9.39	9.46	9.46			
n)	RAPP-B (125/440)	14.70	14.78	14.78	14.70	14.70	14.70	14.58	14.70	14.70			
o)	RAPP-C (88/440)	19.35	19.35	19.35	19.35	19.35	19.35	19.20	19.35	19.35			
p)	SALAL (20.36/690)	0.95	0.92	0.88	0.85	0.95	0.81	0.87	0.85	0.75			
q)	URI (70.37/720)	5.39	5.75	5.08	5.41	5.39	5.01	5.56	5.41	4.99			
r)	TANAKPUR (10.86/94)	0.67	0.72	0.75	0.73	0.67	0.75	0.75	0.73	0.74			
s)	CHAMERA-I (105.84/540)	4.69	4.69	4.69	4.69	4.69	4.69	4.28	4.69	4.69			
t)	CHAMERA-II (29.01/300)	1.23	1.30	1.30	1.30	1.23	1.24	1.35	1.30	1.24			
u)	CHAMERA-III (25.21/231)	0.72	0.84	0.84	0.72	0.72	0.72	0.73	0.72	0.72			
v)	DHAULIGANGA (27/280)	0.98	1.01	1.01	0.90	0.98	0.98	0.89	0.90	0.90			
w)	DULHASTI (42.42/390)	3.24	3.39	3.39	3.18	3.24	3.24	3.21	3.18	3.18			
x)	SEWA (13/120)	0.31	0.31	0.31	0.41	0.31	0.41	0.40	0.41	0.41			
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.59	6.72	6.72	6.23	6.59	6.59	6.18	6.23	6.23			
z)	TEHRI (75/1000)	5.34	5.11	5.34	5.34	5.34	5.34	5.30	5.34	5.34			
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	4.75	4.74	4.74	4.76	4.75	4.75	4.73	4.76	4.76			
ab)	TALA	0.19	0.36	0.35	0.12	0.19	0.17	0.13	0.12	0.12			
ac)	MUNDRA UMPP (380/4000)	79.63	70.29	70.29	78.52	79.63	79.63	67.76	78.52	71.16			
ad)	SASAN (372/3960)	81.65	69.29	69.29	84.11	81.65	81.65	68.89	84.11	83.47			
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.97	23.57	24.28	23.07	24.97	24.53	24.32	23.07	20.43			
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	TOTAL SCHEDULED(a TO af)	589.06	544.12	549.90	560.82	589.06	555.14	537.91	560.82	527.85			
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	NET SCHEDULED	589.06	544.12	549.90	560.82	589.06	555.14	537.91	589.06	527.85			
21	BILATERAL (REG.) EXCL. BANKING	3.51	3.51	3.51	3.51	3.51	3.51	3.48	3.51	3.51			
22	BANKING	45.82	45.82	45.82	45.82	45.82	45.82	45.64	45.82	45.82			
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	78.11	122.79	76.97	115.68	123.93	78.11	35.26	161.50	112.50			
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-32.12	0.00	0.00	-32.35	0.00	0.00	-27.71			
25	INDIAN ENERGY EXCHANGE	46.25	-2.33	-2.33	-56.15	46.25	46.25	-105.41	-56.15	-56.15			
	TOTAL(B): (19 TO 25)	762.75	668.08	641.74	669.67	762.75	696.49	516.88	697.92	605.82			
	TOTAL GENERATION (A +B) : 1 TO 25			2345.93			2381.88			2295.42			
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.74			-10.66			5.87			
	GRAND TOTAL	2404.16	2320.90	2370.67	2404.13	2404.16	2371.22	2495.71	2432.38	2301.29			
	LAST YEAR	2132.69	2121.71	2066.07	2059.79	2132.69	2052.74	2183.02	2059.79	2070.03			

3. SYSTEM PARAMETERS AS ON 23-Dec-18

MAXIMUM DRAWL ON 23-Dec-18	12686 MW at 09.45-10.00 HRS 50.00 HZ
MINIMUM DRAWL ON 23-Dec-18	7383 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	777 MW at 21.30-21.45 Hrs 50.06 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	3
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	45
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
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	9
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	4
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 23-Dec-18	49.99 Hz
Max O/D of the day	530 MW at 06.00-06.15 Hrs 50.08 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	6.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.00
ABOVE 50.05 HZ	17.10
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.	24-Dec-18	24-Dec-17		
Gandhi Sagar (Ft.)	1312	1250	1279.80	1292.97	NIL	139
R.P.Sagar (Ft.)	1157.5	1128	1140.39	#REF!	3378	10134
Jawahar Sagar (Ft.)	980	970.4	975.80	975.20	8319	10821
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6075	
LMC					1200	
Bhakra(Ft.)	1690	1462	1660.33	1642.33	16353	6234
Dehar (Ft.)	2941	2900	2923.09	2920.53	2105	2199
Pong(Ft.)	1421	1260	1366.45	1349.51	15131	2520
Mahi-I (Mts.)	281.5	259	277.90	278.60	3122	NIL
Mahi-II (Mts.)	220.5	217	217.65	217.20	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
24-Dec-18	KTPS	330121	16.5 Days
	STPS	272796	10.5 Days
	CHHABRA	163628	21.5 Days
	KALISINDH	101894	7 Days

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

24-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 UPLIFT 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 PANEL	
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 HPH 5 LEVEL VERY HIGH (UNDER A/S VIDE OP/12/284 W.E.F. 00.00 HRS./19.12.18 FOR 21 DAYS)	
CTPP	5	660.00	600	22.60	0	21-Dec-18	23.59	23-Dec-18	3.46	DESYNCHRONIZED DUE TO S/D
Total(A)STATE SECTOR- PLANNED OUTAGE		2115.00	1872.00	328.00	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	4	130.19	22	5.30	22	22-Dec-18	11.11		RESERVE SHUTDOWN	
DADRI GPS	3	130.19	22	5.30	22	22-Dec-18	11.24		RESERVE SHUTDOWN	
DADRI GPS	6	154.51	16	3.90	16	22-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		1099.67	185.00	44.80	185.00					
(B) FORCED OUTAGE										
STATE SECTOR										
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	
RAMGARHI	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARHI	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
RAJWEST	6	135.00	120	28.68	120	18-Dec-18	21.27		BED MATERIAL LEAKAGE	
RAJWEST	5	135.00	120	28.68	120	21-Dec-18	10.55		BAD MATERIAL LEAKAGE	
CTPP	5	660.00	600	0.00	600	23-Dec-18	13.21	23-Dec-18	18.28	PROBLEM IN CONDENSER EXTENSION PUMP
STPS	3	250.00	229	55.00	229	24-Dec-18	8.02		GENERATOR PROTECTION ACTED	
Total(B)STATE SECTOR-FORCED OUTAGE		1600.00	1398.00	191.44	1398.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNACE PRESSURE HIGH	
RIHAND	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	1	88.71	31	7.50	31	26-Nov-18	5.54		NON AVAILABILITY OF CHEAP GAS	
DADRI 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	
UNCHAHAR	6	500.00	NA	NA	NA	21-Dec-18	3.22	23-Dec-18	7.12	BOILER TUBE LEAKAGE
RIHAND	2	500.00	59	9.21	59	22-Dec-18	12.18	23-Dec-18	15.34	BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR- FORCED OUTAGE		2416.91	213.00	46.21	213.00					
G.TOTAL			237.65	1611.00						

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 (\$).