



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

Power Position 22-Nov-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -NOV- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017
Nov-17										
01-Nov-17	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
02-Nov-17	1965.07	1888.84	2032.70	1854.23	39.51	12.23	9814	8732	49.94	41.53
03-Nov-17	2115.84	1847.80	2077.30	1854.77	4.73	13.89	10315	8526	49.95	46.43
04-Nov-17	2027.68	1930.87	2071.16	1924.53	5.66	14.11	10325	9023	49.95	55.88
05-Nov-17	2112.90	2018.68	2030.42	1935.36	99.80	15.74	10314	9537	49.98	99.80
06-Nov-17	2085.27	1927.31	2083.96	1892.49	-3.94	30.69	10468	9368	49.91	32.21
07-Nov-17	1983.73	1928.57	2067.99	1921.25	28.29	34.83	10156	9319	49.90	18.47
08-Nov-17	1911.17	1979.34	2100.53	1941.10	49.30	39.37	10056	9640	49.95	30.47
09-Nov-17	1960.10	2021.50	2145.85	1927.33	43.41	18.27	10111	9522	49.96	42.99
10-Nov-17	2030.51	2018.59	2153.37	1950.22	16.28	24.03	11092	9653	49.95	50.41
11-Nov-17	2028.14	2007.07	2109.12	1944.37	5.44	15.97	10937	9731	49.97	89.34
12-Nov-17	2038.67	1785.99	2053.30	1896.62	15.96	39.58	10542	9112	49.97	79.51
13-Nov-17	2026.23	1988.97	2041.16	1912.90	31.74	15.53	10414	9349	49.96	74.36
14-Nov-17	2031.48	1968.08	2066.47	1923.63	23.25	29.95	10495	9406	49.95	67.56
15-Nov-17	2026.35	1934.62	2067.60	1910.31	40.24	33.50	10684	9454	49.97	119.25
16-Nov-17	2051.38	1896.57	2083.60	1886.96	0.32	26.22	10657	9305	49.97	143.22
17-Nov-17	2092.52	1896.40	2033.37	1879.19	-6.32	29.75	10501	9540	49.95	163.53
18-Nov-17	1993.44	1869.46	1907.87	1831.82	2.13	23.33	10148	8676	49.96	194.97
19-Nov-17	1877.40	1862.27	1908.64	1903.87	22.88	19.46	9989	9487	49.97	166.69
20-Nov-17	2004.36	1918.39	1925.65	1850.07	35.90	8.20	10077	9263	49.96	39.91
21-Nov-17	1880.50	1974.59	1948.80	1830.31	59.80	27.07	9841	8813	49.97	30.57
22-Nov-17	1908.59	1930.50								
23-Nov-17										
24-Nov-17										
25-Nov-17										
26-Nov-17										
27-Nov-17										
28-Nov-17										
29-Nov-17										
30-Nov-17										
01-Dec-17										
1-NOV-17	2009.41	1940.92								
MAXIMUM OF THE MONTH	2115.84	2021.50	2153.37	1950.22	99.80	39.58	11092.00	9731.00	49.99	194.97
MIN OF THE MONTH	1877.40	1785.99	1907.87	1792.40	-6.32	8.20	9814.00	8473.00	49.90	18.47
AVERAGE	2007.73	1937.01	2043.18	1893.51	26.15	23.70	10332.29	9234.71	49.96	77.66
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)							11092	(07.30-07.45 Hrs.)	10-Nov-17	
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 Assessment 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
		21-Nov-17		
1	KTPS (1240/1240)	202.00	204.00	213.56
2	STPS (1500/1500)	55.00	55.00	35.81
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	34.45
4	RAMGARH (273.5/273.5)	44.00	46.00	43.62
5	RAPP-A(200/200)	42.00	42.00	42.66
6	MAHI (140/140)	0.00	0.00	7.36
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.10
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	221.00	271.80
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	400.43	403.43	352.31
11	WIND FARM (3980.40/4119.15)	39.50	59.00	30.57
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	22.29	26.13	26.13
16	BIOMASS – (101.95/119.25)	6.00	3.00	5.60
17	BARSINGHAR LTPS(250/250)	54.00	54.00	53.13
18	RAJWEST (1080/1080)	172.00	172.00	159.10
	TOTAL (A) : 1-18	1296.84	1324.18	1311.20
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.33	22.59	22.21
b)	DEHAR (198/ 990)	8.66	8.98	8.57
c)	PONG (231.66/396)	19.79	25.30	20.07
	TOTAL : a TO c	50.78	56.86	50.85
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	48.62	71.87	61.67
e)	RIHAND (310.24/3000)	112.10	112.62	112.52
f)	UNCHAHAAR-I(20/420)	6.13	7.21	11.79
g)	UNCHAHAAR-II& III(61/630)	34.33	32.87	48.60
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	23.27	24.13	35.46
j)	DADRI GAS (77/830)	3.46	5.02	12.13
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)	9.84	9.82	9.82
n)	RAPP-B (125/440)	34.44	34.36	34.36
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.86	0.80	0.72
q)	URI (70.37/720)	3.06	3.01	3.14
r)	TANAKPUR (10.86/94)	0.73	0.74	0.68
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.31	1.35	1.31
u)	CHAMERA-III (25.21/231)	0.84	0.76	0.76
v)	DHAULIGANGA (27/280)	1.42	1.42	1.30
w)	DULHASTI (42.42/390)	3.81	3.81	3.81
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.89	8.76	9.52
z)	TEHRI (75/1000)	4.88	4.88	4.85
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	2.95	2.95	5.41
ab)	TALA	1.07	1.07	0.97
ac)	MUNDRA UMPP (380/4000)	72.96	67.10	67.10
ad)	SASAN (372/3960)	88.68	90.49	90.35
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.21	23.64	23.74
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	563.66	588.54	613.86
	LOSSES	-38.52	-40.73	-44.57
	NET SCHEDULED	525.13	547.81	569.29
21	BILATERAL (REG.) EXCL. BANKING	4.58	5.79	5.79
22	BANKING	15.78	15.78	15.78
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	120.95	122.87	119.10
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-22.29	-26.13	-26.13
25	INDIAN ENERGY EXCHANGE	-32.42	-106.03	-106.03
	TOTAL(B): (19 TO 25)	611.74	556.32	577.80
	TOTAL GENERATION (A +B) : 1 TO 25			1889.00
	OVER DRAWAL (+)/UNDER DRAWAL (-)			59.80
	GRAND TOTAL	1908.59	1880.50	1948.80
	LAST YEAR	1930.50	1974.59	1830.31

3.SYSTEM PARAMETERS AS ON 21-Nov-17

MAXIMUM DRAWL ON 21-Nov-17	9841 MW at 07.30-07.45 Hrs 49.95 Hz
MINIMUM DRAWL ON 21-Nov-17	6497 MW at 04.00-04.15 Hrs 49.97 Hz
Max U/D of the day	432 MW at 05.45-06.00 HRS. 50.00 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	8
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	8
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	59
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	37
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	28
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	1
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	22-Nov-17	22-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1298.41	1311.26	5750	468
R.P.Sagar (Ft.)	1157.5	1128	1136.35	1145.63	7320	31298
Jawahar Sagar (Ft.)	980	970.4	976.90	979.50	8138	12965
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	NA	1628.55	NA	NA
Dehar (Ft.)	2941	2900	NA	2917.06	NA	NA
Pong(Ft.)	1421	1260	NA	1353.15	NA	NA
Mahi-I (Mts.)	281.5	259	281.10	280.90	2694	NIL
Mahi-II (Mts.)	220.5	217	217.30	217.15	544	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	21-Nov-17	49.97 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	640 MW at 07.30-07.45 HRS 49.95 Hz		22-Nov-17	KTPS	3282	0 DAY
Frequency Profile	% of Time			STPS	67533	2.5 DAYS
LESS THAN 49.7 HZ	0.00			CHHABRA	45384	6 DAYS
LESS THAN 49.90 HZ	11.61			KALISINDH	14955	1 DAY
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.39					
ABOVE 50.05 HZ	9.00					
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	219					
No. of 132 KV Feeders Disconnected	0					

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

22-Nov-17

(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								
GRAL	1	125.00	70	16.80	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
STPS	2	250.00	229	55.00	229	09-Oct-17	13.83	INSUFFICIENT COAL STOCK(PERMISSION PENDING AT RUVNL. END LD MNO. OF 07/10/17/10/PERMISSION GRANTED BY RUVNL ON DT 07.11.17) GENERATOR T/F OIL RESULT ARE IMPROPER/PERMISSION
STPS	6	250.00	229	55.00	229	17-Nov-17	20.47	BOXED UP
STPS	4	250.00	229	55.00	229	17-Nov-17	23.29	BOXED UP
STPS	1	250.00	229	55.00	229	18-Nov-17	12.83	BOXED UP
STPS	3	250.00	229	55.00	229	18-Nov-17	13.10	BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		1540.00	1365.00	327.80	1365.00			

CENTRAL SECTOR

DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00	RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22	RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30	RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43	RESERVE SHUTDOWN
UNCHAHAR	1	210.00	11	2.70	11	25-Oct-17	22.53	ANNUAL MAINTENANCE
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09	RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	10-Nov-17	20.59	LESS DEMAND
DABRI GPS	2	130.19	22	5.30	22	16-Nov-17	21.09	LESS DEMAND
AURAIYA GPS	5	109.20	12	2.90	12	10-Nov-17	21.10	LESS DEMAND
AURAIYA GPS	1	111.19	18	4.40	18	10-Nov-17	21.13	LESS DEMAND
ANTA GPS	3	88.71	31	7.50	31	10-Nov-17	21.21	LESS DEMAND
ANTA GPS	2	88.71	31	7.50	31	10-Nov-17	21.50	LESS DEMAND
ANTA GPS	4	153.20	34	8.20	34	10-Nov-17	21.51	LESS DEMAND
ANTA GPS	1	88.71	31	7.50	31	10-Nov-17	22.19	LESS DEMAND
Total(B)CENTRAL SECTOR-PLANNED OUTAGE		1836.39	328.00	79.50	328.00			

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR									
GRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Dec-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	22-Nov-17	INSUFFICIENT COAL STOCK
RAMGARH	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	22-Nov-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLVOR CLEANING BY GAIL
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45	22-Nov-17	BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	28.68	120	20-Nov-17	23.30	22-Nov-17	BED MATERIAL LEAKAGE
STPS	5	250.00	229	0.00	0	21-Nov-17	16.15	21-Nov-17	22.13 UPS SUPPLY FAIL
KTPS	5	210.00	192	46.00	192	22-Nov-17	0.02	23-Nov-17	DESYNCHRONIZED DUE TO ATTEND AIR PRE HEATER-SA
Total(B)STATE SECTOR-FORCED OUTAGE		1552.50	1360.00	271.16	1331.00				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNISH PRESSURE HIGH
ISTPP(HAJIAB)	2	500.00	5	1.20	5	06-Nov-17	16.10		DUE TO COAL SHORTAGE
SINGRAULI	4	200.00	34	8.20	34	20-Nov-17	21.51		DESYNCHRONIZED DUE TO AIR PRE HEATER PROBLEM
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59		ANNUAL OVERHAULING WORK
SINGRAULI	6	500.00	85	20.50	85	21-Nov-17	12.29		BOILER TUBE LEAKAGE
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1900.00	158.00	38.10	158.00				
G.TOTAL				309.26	1289.00				

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 (\$).