



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

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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	1985.80	1858.34	58.43	22.48	10279	9429	49.98	34.76
23-Nov-17	2019.66	1881.36								
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	2008.23	1934.70	2040.58	1891.91	27.62	23.65	10329.86	9243.55	49.96	75.71
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
		22-Nov-17		
1	KTPS (1240/1240)	210.00	202.00	165.88
2	STPS (1500/1500)	264.00	55.00	93.26
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	35.39
4	RAMGARH (273.5/273.5)	43.00	44.00	43.21
5	RAPP-A(200/200)	42.00	42.00	42.51
6	MAHI (140/140)	0.00	0.00	7.45
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.71
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	221.00	279.99
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	267.03	400.43	301.80
11	WIND FARM (3980.40/4119.15)	21.35	39.50	34.76
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.89
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	24.27	22.29	22.29
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.61
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.51
18	RAJWEST (1080/1080)	172.00	172.00	171.84
	TOTAL (A) : 1-18	1362.27	1296.84	1295.10
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.60	22.33	21.50
b)	DEHAR (198/ 990)	8.66	8.66	8.26
c)	PONG (231.66/396)	22.16	19.79	21.78
	TOTAL : a TO c	51.43	50.78	51.54
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	48.62	48.62	48.62
e)	RIHAND (310.24/3000)	112.63	112.10	113.07
f)	UNCHAHAHAR-I(20/420)	2.70	6.13	8.41
g)	UNCHAHAHAR-II& III(61/630)	23.04	34.33	41.80
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.46	23.27	34.72
j)	DADRI GAS (77/830)	3.16	3.46	3.81
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)	9.89	9.84	9.84
n)	RAPP-B (125/440)	34.53	34.44	34.44
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.83	0.86	0.81
q)	URI (70.37/720)	2.91	3.06	3.27
r)	TANAKPUR (10.86/94)	0.69	0.73	0.67
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.16	1.31	1.26
u)	CHAMERA-III (25.21/231)	0.84	0.84	0.84
v)	DHAULIGANGA (27/280)	1.28	1.42	1.42
w)	DULHASTI (42.42/390)	3.59	3.81	3.59
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.98	7.89	8.47
z)	TEHRI (75/1000)	4.88	4.88	4.68
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.95	2.95	5.41
ab)	TALA	1.05	1.07	1.07
ac)	MUNDRA UMPP (380/4000)	71.06	72.96	72.96
ad)	SASAN (372/3960)	88.68	88.68	87.24
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.38	27.21	27.21
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	539.76	563.66	588.17
	LOSSES	-36.92	-38.52	-42.51
	NET SCHEDULED	502.83	525.13	545.66
21	BILATERAL (REG.) EXCL. BANKING	4.35	4.58	4.58
22	BANKING	15.78	15.78	15.78
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	122.80	124.04	120.95
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-24.27	-22.29	-22.29
25	INDIAN ENERGY EXCHANGE	35.89	-32.42	-32.42
	TOTAL(B): (19 TO 25)	657.39	611.74	632.27
	TOTAL GENERATION (A +B) : 1 TO 25			1927.37
	OVER DRAWAL (+)/UNDER DRAWAL (-)			58.43
	GRAND TOTAL	2019.66	1908.59	1985.80
	LAST YEAR	1881.36	1930.50	1858.34

3. SYSTEM PARAMETERS AS ON 22-Nov-17

MAXIMUM DRAWL ON 22-Nov-17	10279 MW at 08.15-08.30 Hrs 49.98 Hz
MINIMUM DRAWL ON 22-Nov-17	6834 MW at 04.00-04.15 Hrs 49.99 Hz
Max U/D of the day	244 MW at 22.00-22.15 Hrs 49.96 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	55
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	33
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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	49.98 Hz
Max O/D of the day	751 MW at 19.15-19.30 HRS 49.94 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	11.49
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.41
ABOVE 50.05 HZ	11.10
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	120
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.	23-Nov-17	23-Nov-16		
Gandhi Sagar (Fl.)	1312	1250	1298.41	1311.23	5809	468
R.P.Sagar (Fl.)	1157.5	1128	1136.35	1145.31	8271	31298
Jawahar Sagar (Fl.)	980	970.4	976.90	978.40	8171	12965
Kota Barrage(Fl.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Fl.)	1690	1462	1657.42	1628.12	12564	6665
Dehar (Fl.)	2941	2900	2919.61	2916.27	2306	2339
Pong(Fl.)	1421	1260	1361.81	1352.91	8210	1641
Mahi-I (Mts.)	281.5	259	281.10	280.90	2880	NIL
Mahi-II (Mts.)	220.5	217	217.30	217.15	544	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
23-Nov-17	KTPS	5242	0.5 DAY
	STPS	68006	2.5 DAYS
	CHHABRA	45317	6 DAYS
	KALISINDH	18965	1.5 DAYS

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

(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	70	16.80	70	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.15.87.14)	
BCCPP	HRSQ2*	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	
BCCPP	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	9.54	0	09-Oct-17	13.03	23-Nov-17	4.10	INSUFFICIENT COAL STOCK PERMISSION PENDING AT RUVNL END LD MNO. DP18572138.17 PERMISSION GRANTED BY RUVNL ON DT 07.11.17. GENERATOR T/O OR RESULT ARE IMPROPER PERMISSION PENDING AT RUVNL END LD MNO. DP18572138.17
STPS	6	250.00	229	0.00	0	17-Nov-17	20.47	22-Nov-17	20.50	BOXED UP
STPS	4	250.00	229	0.00	0	17-Nov-17	23.29			BOXED UP
STPS	1	250.00	229	0.00	0	18-Nov-17	12.03	22-Nov-17	7.53	BOXED UP
STPS	3	250.00	229	0.00	0	18-Nov-17	13.10	22-Nov-17	19.47	BOXED UP
Total STATE SECTOR PLANNED OUTAGE										
		1540.00	1365.00	117.34	449.00					
CENTRAL SECTOR										
DABRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DABRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DABRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAY GFS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
UNCHABAR	1	210.00	11	2.70	11	25-Oct-17	22.53			ANNUAL MAINTENANCE
AURAY GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAY GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAY GFS	2	111.19	18	4.40	18	18-Nov-17	20.59			LESS DEMAND
DABRI GFS	2	130.19	22	5.30	22	18-Nov-17	21.09			LESS DEMAND
AURAY GFS	5	109.20	12	2.90	12	18-Nov-17	21.10			LESS DEMAND
AURAY GFS	1	111.19	18	4.40	18	18-Nov-17	21.13			LESS DEMAND
ANTA GFS	3	88.71	31	7.50	31	18-Nov-17	21.21			LESS DEMAND
ANTA GFS	2	88.71	31	7.50	31	18-Nov-17	21.50			LESS DEMAND
ANTA GFS	4	153.20	34	8.20	34	18-Nov-17	21.51			LESS DEMAND
ANTA GFS	1	88.71	31	7.50	31	18-Nov-17	22.19			LESS DEMAND
Total CENTRAL SECTOR PLANNED OUTAGE										
		1836.19	328.00	79.50	328.00					

(B) FORCED OUTAGE

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)		OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE	
					DATE	TIME	DATE	TIME		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Dec-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLERS-I	
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	23-Nov-17	INSUFFICIENT COAL STOCK	
RAMGARH	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	23-Nov-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REBOILER CLEANING BY GAIL	
RAJWEST	1	135.00	120	0.00	0	29-Oct-17	11.45	22-Nov-17	14.22	BED MATERIAL LEAKAGE
RAJWEST	5	135.00	120	28.40	120	28-Nov-17	23.30	23-Nov-17		BED MATERIAL LEAKAGE
KTPS	5	210.00	192	40.00	192	23-Nov-17	0.02	24-Nov-17		DESYNCHRONIZED DUE TO ATTEND AIR PRE HEATER-5A
KATPP	2	400.00	475	135.60	475	23-Nov-17	10.54	23-Nov-17		BOILER TUBE LEAKAGE
RAJWEST	7	135.00	120	28.40	120	23-Nov-17	10.16	23-Nov-17		GENERATOR ELECTRICAL PROTECTION FAILURE
STPS	2	250.00	229	40.41	229	23-Nov-17	6.22	23-Nov-17		FLAME FAILURE
Total STATE SECTOR FORCED OUTAGE										
		2287.50	1955.00	447.17	1855.00					
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ISTPP(HAJAR)	2	500.00	5	1.20	5	08-Nov-17	16.10			DUE TO COAL SHORTAGE
SINGRAULI	4	200.00	34	8.20	34	28-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	26.50	85	21-Nov-17	12.29			BOILER TUBE LEAKAGE
Total CENTRAL SECTOR FORCED OUTAGE										
		1900.00	158.00	38.10	158.00					
G.TOTAL.			485.27	1993.00						

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut downs (@) and COD is not declared (\$).