



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

Power Position 14-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		
Nov-17										
1-Nov-17	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
2-Nov-17	1965.07	1888.84	2032.70	1854.23	39.51	12.23	9814	8732	49.94	41.53
3-Nov-17	2115.84	1847.80	2077.30	1854.77	4.73	13.89	10315	8526	49.95	46.43
4-Nov-17	2027.68	1930.87	2071.16	1924.53	5.66	14.11	10325	9023	49.95	55.88
5-Nov-17	2112.90	2018.68	2030.42	1935.36	99.80	15.74	10314	9537	49.98	99.80
6-Nov-17	2085.27	1927.31	2083.96	1892.49	-3.94	30.69	10468	9368	49.91	32.21
7-Nov-17	1983.73	1928.57	2067.99	1921.25	28.29	34.83	10156	9319	49.90	18.47
8-Nov-17	1911.17	1979.34	2100.53	1941.10	49.30	39.37	10056	9640	49.95	30.47
9-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								
15-Nov-17										
16-Nov-17										
17-Nov-17										
18-Nov-17										
19-Nov-17										
20-Nov-17										
21-Nov-17										
22-Nov-17										
23-Nov-17										
24-Nov-17										
25-Nov-17										
26-Nov-17										
27-Nov-17										
28-Nov-17										
29-Nov-17										
30-Nov-17										
1-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	99.80
MIN OF THE MONTH	1911.17	1785.99	1998.02	1792.40	-3.94	12.23	9814.00	8473.00	49.90	18.47
AVERAGE	2022.88	1951.24	2074.22	1903.66	28.54	23.10	10352.77	9229.62	49.95	54.25

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

4-Jul-17

MAX.WIND DURING THE YEAR 2016-17 (L.U.)

413.67

6-Jul-16

2. Anticipated Availability/Generation 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
		13-Nov-17		
1	KTPS (1240/1240)	271.00	271.00	258.83
2	STPS (1500/1500)	275.00	275.00	252.36
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	27.98
4	RAMGARH (273.5/273.5)	46.00	46.00	44.76
5	RAPP-A(200/200)	41.00	41.00	42.46
6	MAHI (140/140)	0.00	0.00	7.03
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	28.15
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	221.00	254.57
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	199.00	214.00	214.24
11	WIND FARM (3980.40/4119.15)	76.00	70.50	74.36
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	30.85	31.72	31.72
16	BIOMASS – (101.95/119.25)	3.00	4.00	2.93
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.81
18	RAJWEST (1080/1080)	201.00	201.00	197.60
	TOTAL (A) : 1-18	1456.47	1467.84	1489.80
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.02	22.80	22.08
b)	DEHAR (198/ 990)	9.39	9.31	9.12
c)	PONG (231.66/396)	20.64	23.97	20.26
	TOTAL : a TO c	52.05	56.08	51.46
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	90.28	120.94	92.37
e)	RIHAND (310.24/3000)	120.26	120.26	120.36
f)	UNCHAHAHAR-I(20/420)	2.50	2.64	2.52
g)	UNCHAHAHAR-II& III(61/630)	21.13	22.37	21.57
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.33	15.20	14.94
j)	DADRI GAS (77/830)	3.66	2.60	4.12
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)	9.77	9.77	9.77
n)	RAPP-B (125/440)	34.27	34.27	34.27
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.84	0.92	0.97
q)	URI (70.37/720)	2.75	2.83	2.77
r)	TANAKPUR (10.86/94)	1.08	1.05	1.05
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.45	1.45	1.40
u)	CHAMERA-III (25.21/231)	1.04	1.04	1.04
v)	DHAULIGANGA (27/280)	1.60	1.60	1.60
w)	DULHASTI (42.42/390)	4.35	4.57	4.13
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.29	9.62	9.62
z)	TEHRI (75/1000)	4.76	4.76	4.76
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.49	3.49	6.02
ab)	TALA	0.88	0.88	0.88
ac)	MUNDRA UMPP (380/4000)	54.00	54.00	54.00
ad)	SASAN (372/3960)	88.68	88.80	88.80
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.55	26.49	25.52
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	572.17	608.78	577.10
	LOSSES	-33.15	-35.67	-35.86
	NET SCHEDULED	539.02	573.11	541.24
21	BILATERAL (REG.) EXCL. BANKING	5.58	5.35	5.35
22	BANKING	15.90	15.90	15.90
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.67	102.53	91.92
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-30.85	-31.72	-31.72
25	INDIAN ENERGY EXCHANGE	-68.31	-103.07	-103.07
	TOTAL(B): (19 TO 25)	575.02	558.39	519.62
	TOTAL GENERATION (A +B) : 1 TO 25			2009.42
	OVER DRAWAL (+)/UNDER DRAWAL (-)			31.74
	GRAND TOTAL	2031.48	2026.23	2041.16
	LAST YEAR	1968.08	1988.97	1912.90

3. SYSTEM PARAMETERS AS ON 13-Nov-17

MAXIMUM DRAWL ON 13-Nov-17	10414 MW at 07.15-07.30 Hrs 49.88 Hz
MINIMUM DRAWL ON 13-Nov-17	7016 MW at 04.00-04.15 Hrs 49.97Hz
Max U/D of the day	306 MW at 20.45-21.00 HRS. 49.99 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	16
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	12
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	22
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	24
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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.	14-Nov-17	14-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1300.22	1311.48	533	93
R.P.Sagar (Ft.)	1157.5	1128	1135.38	1148.21	12502	3800
Jawahar Sagar (Ft.)	980	970.4	974.70	977.90	8399	10623
Kota Barrage(Ft.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1660.58	1631.56	12904	7261
Dehar (Ft.)	2941	2900	2919.75	2918.43	2533	2659
Pong(Ft.)	1421	1260	1364.60	1355.44	8603	2035
Mahi-I (Mts.)	281.5	259	281.10	281.40	NA	NIL
Mahi-II (Mts.)	220.5	217	218.90	219.65	544	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 13-Nov-17		49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	671 MW at 08.45-09.00 Hrs 49.99 Hz		14/Nov/17	KTPS	41550	2 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	20.67					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.66					
ABOVE 50.05 HZ	8.67					
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	95					
No. of 132 KV Feeders Disconnected	0		CHHABRA	40481	5.5 DAYS	
6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT. 14/Nov/17						
(A) PLANNED OUTAGE						
STATE SECTOR						
GIRAL						
DCCPP						
DCCPP						
STPS						
Total/A I STATE SECTOR- PLANNED OUTAGE						
CENTRAL SECTOR						
DADRI GPS						
DADRI GPS						
DADRI GPS						
AURAIYA GPS						
UNCHAHAR						
AURAIYA GPS						
AURAIYA GPS						
AURAIYA GPS						
AURAIYA GPS						
DADRI GPS						
AURAIYA GPS						
AURAIYA GPS						
AURAIYA GPS						
AURAIYA GPS						
ANTA GPS						
ANTA GPS						
ANTA GPS						
ANTA GPS						
Total/B I CENTRAL SECTOR- PLANNED OUTAGE						
(B) FORCE OUTAGE						
STATE SECTOR						
STATE SECTOR						
GIRAL						
ADANI						
RAMGARH						
RAJWEST						
ADANI						
KALISINDH						
Total/B I STATE SECTOR-FORCED OUTAGE						
CENTRAL SECTOR						
UNCHAHAR						
STPP/JHAJHARI						
Total/B II CENTRAL SECTOR- FORCED OUTAGE						
G.TOTAL						

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.F.15.07.14)
DCCPP		HRSR2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP		GT2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP/PERMISSION GIVEN BY RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
STPS		2	250.00	229	55.00	229	9-Oct-17	13.03		INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNLI. END LD NING. OP/08/STCL/16.P/PERMISSION GRANTED BY RVNLI ON DT 07.11.17. GENERATOR T/F OIL RESULT ARE IMPROPER/PERMISSION PENDING AT RVNLI. END DT 10.11.17)
Total/A I STATE SECTOR- PLANNED OUTAGE			540.00	449.00	107.80	449.00				
CENTRAL SECTOR										
DADRI GPS		4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN
DADRI GPS		6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN
DADRI 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
DADRI GPS		2	130.19	22	5.30	22	10-Nov-17	21.09		LESS DEMAND
AURAIYA GPS		5	109.30	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 I CENTRAL SECTOR- PLANNED OUTAGE			1836.39	328.00	79.50	328.00				
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL		2	125.00	70	16.80	70	27-Jan-16	15.27	15-Nov-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
ADANI		1	660.00	600	144.00	600	23-Sep-17	5.45	14-Nov-17	INSUFFICIENT COAL STOCK
RAMGARH		GT02	37.50	29	7.00	29	28-Oct-17	4.50	14-Nov-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOILOER CLEANING BY GAIL
RAJWEST		1	135.00	120	28.68	120	29-Oct-17	11.45	14-Nov-17	BED MATERIAL LEAKAGE
ADANI		2	660.00	600	144.00	600	8-Nov-17	5.55	14-Nov-17	INSUFFICIENT COAL STOCK
KALISINDH		2	600.00	565	13.00	0	14-Nov-17	2.52	14-Nov-17	6.38 DRUM LEVEL HIGH
Total/B I STATE SECTOR-FORCED OUTAGE			2217.50	1984.00	353.48	1419.00				
CENTRAL SECTOR										
UNCHAHAR		6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH
STPP/JHAJHARI		2	500.00	5	1.20	5	8-Nov-17	16.10		DUE TO COAL SHORTAGE
Total/B II CENTRAL SECTOR- FORCED OUTAGE			1000.00	5.00	1.20	5.00				
G.TOTAL					354.68	1424.00				

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 (\$).