



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

Power Position 07-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	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
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								
8-Nov-17										
9-Nov-17										
10-Nov-17										
11-Nov-17										
12-Nov-17										
13-Nov-17										
14-Nov-17										
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	2018.68	2083.96	1935.36	99.80	30.69	10468.00	9537.00	49.99	99.80
MIN OF THE MONTH	1965.07	1847.80	1998.02	1792.40	-3.94	12.23	9814.00	8473.00	49.91	32.21
AVERAGE	2039.61	1937.37	2048.93	1875.63	30.10	18.78	10213.00	8943.17	49.95	53.27

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)

10468

(07.00-07.15 Hrs.)

6-Nov-17

MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)

2114.62

20-Sep-16

MAX.PEAK LOAD DURING THE FY 2016-17 (MW)

10468

(07.00-07.15Hrs.)

6-Nov-17

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.)

448.85

4-Aug-17

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
		6-Nov-17		
1	KTPS (1240/1240)	271.00	271.00	254.43
2	STPS (1500/1500)	110.00	110.00	100.05
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	41.00	41.00	39.18
5	RAPP-A(200/200)	41.00	41.00	42.08
6	MAHI (140/140)	0.00	0.00	1.63
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	42.64
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	174.00	221.00	312.38
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	367.73
11	WIND FARM (3980.40/4119.15)	24.50	38.00	32.21
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	16.06	21.87	21.82
16	BIOMASS – (101.95/119.25)	4.00	6.00	3.92
17	BARSINGHAR LTPS(250/250)	53.00	53.00	52.11
18	RAJWEST (1080/1080)	172.00	172.00	170.09
	TOTAL (A) : 1-18	1365.18	1433.49	1440.27
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.92	20.85	20.74
b)	DEHAR (198/ 990)	9.96	9.94	9.96
c)	PONG (231.66/396)	23.50	23.69	23.78
	TOTAL : a TO c	54.38	54.48	54.48
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	88.88	88.18	88.56
e)	RIHAND (310.24/3000)	121.56	120.26	121.46
f)	UNCHAHAHAR-I(20/420)	2.72	2.27	2.33
g)	UNCHAHAHAR-II& III(61/630)	23.65	20.03	19.66
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	18.48	13.08	11.56
j)	DADRI GAS (77/830)	3.04	3.19	3.18
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)	9.62	9.60	9.60
n)	RAPP-B (125/440)	0.00	33.93	33.93
o)	RAPP-C (88/440)	20.34	20.34	20.34
p)	SALAL (20.36/690)	0.90	1.00	0.95
q)	URI (70.37/720)	2.68	2.73	2.85
r)	TANAKPUR (10.86/94)	1.19	1.19	1.19
s)	CHAMERA –I (105.84/540)	3.18	3.18	3.18
t)	CHAMERA-II (29.01/300)	1.79	1.74	1.79
u)	CHAMERA-III (25.21/231)	1.26	1.26	1.26
v)	DHAULIGANGA (27/280)	1.74	1.77	1.77
w)	DULHASTI (42.42/390)	5.44	5.44	5.44
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.10	10.58	10.10
z)	TEHRI (75/1000)	4.76	4.76	4.63
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	4.02	4.02	6.70
ab)	TALA	1.09	1.09	1.13
ac)	MUNDRA UMPP (380/4000)	70.56	70.56	69.97
ad)	SASAN (372/3960)	88.56	88.32	88.32
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.49	27.55	26.21
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	569.81	590.94	590.96
	LOSSES	-26.97	-28.61	-31.15
	NET SCHEDULED	542.84	562.33	559.81
21	BILATERAL (REG.) EXCL. BANKING	5.65	5.65	5.65
22	BANKING	16.00	16.04	16.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	108.63	112.87	112.73
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-16.06	-21.87	-21.82
25	INDIAN ENERGY EXCHANGE	-38.50	-24.74	-24.74
	TOTAL(B): (19 TO 25)	618.55	651.79	647.63
	TOTAL GENERATION (A +B) : 1 TO 25			2087.90
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-3.94
	GRAND TOTAL	1983.73	2085.27	2083.96
	LAST YEAR	1928.57	1927.31	1892.48

3.SYSTEM PARAMETERS AS ON 06-Nov-17

MAXIMUM DRAWL ON 06-Nov-17	10468 MW at 07.00-07.15 Hrs 49.94 Hz
MINIMUM DRAWL ON 06-Nov-17	7274 MW at 04.00-04.15 Hrs 49.99 Hz
Max U/D of the day	468 MW at 05.45-06.00 HRS. 49.82 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	41
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	17
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
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	5
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	0
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
AVERAGE FREQ. FOR THE DAY 6-Nov-17	49.91 Hz
Max O/D of the day	303 MW at 21.15-21.30 Hrs 49.96 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	44.51
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	54.09
ABOVE 50.05 HZ	1.40
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.	7-Nov-17	7-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1300.36	1311.64	6-Nov-17	6-Nov-17
R.P.Sagar (Ft.)	1157.5	1128	1135.91	1150.62	9502	5378
Jawahar Sagar (Ft.)	980	970.4	976.60	976.30	7997	15489
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	NA	1634.22	NA	NA
Dehar (Ft.)	2941	2900	NA	2916.99	NA	NA
Pong(Ft.)	1421	1260	NA	1357.74	NA	NA
Mahi-I (Mts.)	281.5	259	281.60	281.50	610	NIL
Mahi-II (Mts.)	220.5	217	218.70	217.35	NA	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
7/Nov/17	KTPS	56440	3 DAYS
	STPS	161455	6.5 DAYS
	CHHABRA	30312	4 DAYS
	KALISINDH	9414	1 DAY

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

7/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										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35			BOXED UP
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNVL END LD MNO. OP/10/57/21.10.17)
STPS	2	250.00	229	55.00	229	9-Oct-17	13.03			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNVL END LD MNO. OP/10/57/21.10.17/HFFIRST COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10			INSUFFICIENT COAL STOCK (permission pending)
Total A ISTATE SECTOR-PLANNED OUTAGE		1290.00	1136.00	272.80	1136.00					
CENTRAL SECTOR										
DADRI	GT02	130.19	22	5.30	22	9-Sep-17	23.45			EOH INSPECTION FOR 4000HRS
DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
ANTA GPS	2	88.71	20	7.50	20	24-Oct-17	21.49			RESERVE SHUTDOWN AND GENERAL MAINTENANCE W.E.F 00.00 HRS/25.10.17/RESERVE SHUTDOWN
ANTA GPS	3	88.71	16	3.90	16	25-Oct-17	22.21			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
ANTA GPS	4	153.00	16	3.90	16	25-Oct-17	22.26			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
ANTA GPS	1	88.00	16	3.90	16	25-Oct-17	22.57			RESERVE SHUTDOWN
DADRI GPS	1	130.00	22	5.30	22	25-Oct-17	23.00			RESERVE SHUTDOWN
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
Total A/CENTRAL SECTOR-PLANNED OUTAGE		1633.80	243.00	61.60	243.00					

(B) FORCE OUTAGE

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-Jun-16	15.27	15-Nov-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	8-Nov-17		INSUFFICIENT COAL STOCK
RANGARI	STG01	37.50	10	0.00	0	28-Oct-17	4.38	6-Nov-17	11.55	DESYNCHRONIZED DUE TO LOAD REDUCE ON GT02 S/D UPTO 05.11.2017 FOR CONDENSER TUBE CLEANING
RANGARI	STG01	37.50	10	0.00	10	6-Nov-17	12.11	6-Nov-17	12.49	FEED STATION CONTROL VALVE NOT WORKING
RANGARI	GT02	37.50	29	7.00	29	28-Oct-17	4.50	7-Nov-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVOLTOR CLEANING BY GAIL
RAJWEST	01	135.00	120	28.68	120	29-Oct-17	11.45	7-Nov-17		BED MATERIAL LEAKAGE
DCCPP	HRS01	55.00	50	12.00	50	4-Nov-17	19.10	7-Nov-17		DUE TO HEAVY LEAKAGE
DCCPP	GT01	110.00	100	24.00	100	4-Nov-17	19.22	7-Nov-17		DUE TO HEAVY LEAKAGE
RAJWEST	2	135.00	120	28.62	120	5-Nov-17	0.83	7-Nov-17		HEAVY BED MATERIAL LEAKAGE
CHABRA	4	25.00	225	45.67	225	7-Nov-17	1.42			LEAKAGE IN ECONOMISER
KALISINDH	1	600.00	585	136.30	585	7-Nov-17	7.54			DUE TO APH
Total B ISTATE SECTOR-FORCED OUTAGE		1957.50	1919.00	443.57	1323.50					
CENTRAL SECTOR										
SINGRAULI	3	200.00	34	8.20	34	31-Oct-17	1.31			DUE TO CLOSING OF CONTROL VALVE OF TURBINE
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
Total B/CENTRAL SECTOR-FORCED OUTAGE		700.00	34.00	8.20	34.00					
G.TOTAL				451.77	1357.50					

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 (\$).