



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

Power Position 03-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
Oct-17	2009.41	1940.92	1998.02	1792.40	34.81	26.02	10042	8473	49.99	43.79
01-Nov-17	1965.07	1888.84	2032.70	1854.23	39.51	12.23	9814	8732	49.94	41.53
02-Nov-17	2115.84	1847.80								
03-Nov-17										
04-Nov-17										
05-Nov-17										
06-Nov-17										
07-Nov-17										
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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	1940.92	2032.70	1854.23	39.51	26.02	10042.00	8732.00	49.99	43.79
MIN OF THE MONTH	1965.07	1847.80	1998.02	1792.40	34.81	12.23	9814.00	8473.00	49.94	41.53
AVERAGE	2026.83	1923.39	2015.36	1823.32	37.16	19.13	9928.00	8602.50	49.97	42.66
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)							10357	(07.00-07.15 Hrs.)	12-Oct-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10367	(07.00-07.15Hrs.)	12-Oct-17	
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.)							448.85	04-Aug-17		

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
		2-Nov-17		
1	KTPS (1240/1240)	271.00	271.00	268.42
2	STPS (1500/1500)	110.00	110.00	103.15
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	25.85
4	RAMGARH (273.5/273.5)	41.00	41.00	36.44
5	RAPP-A(200/200)	41.00	41.00	42.12
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.67
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	219.00	162.00	171.40
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	362.00	360.00	348.43
11	WIND FARM (3980.40/4119.15)	36.00	23.00	41.53
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	2.25
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	15.60	13.79	13.79
16	BIOMASS – (101.95/119.25)	7.00	7.00	7.04
17	BARSINGHAR LTPS(250/250)	27.00	0.00	9.15
18	RAJWEST (1080/1080)	129.00	172.00	174.52
	TOTAL (A) : 1-18	1297.22	1239.41	1279.77
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.28	20.61	20.59
b)	DEHAR (198/ 990)	9.94	10.26	9.24
c)	PONG (231.66/396)	31.39	35.38	34.62
	TOTAL : a TO c	61.61	66.25	64.45
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	80.29	79.78	79.78
e)	RIHAND (310.24/3000)	121.35	120.26	121.78
f)	UNCHAHAH-I(20/420)	2.37	4.47	4.43
g)	UNCHAHAH-II& III(61/630)	20.79	31.88	19.62
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.13	14.57	14.57
j)	DADRI GAS (77/830)	3.53	3.26	4.63
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)	9.60	9.60	9.60
n)	RAPP-B (125/440)	33.93	33.93	33.93
o)	RAPP-C (88/440)	20.34	20.34	20.34
p)	SALAL (20.36/690)	1.00	1.02	1.09
q)	URI (70.37/720)	2.76	2.76	2.74
r)	TANAKPUR (10.86/94)	1.20	1.29	1.26
s)	CHAMERA –I (105.84/540)	3.92	3.92	3.92
t)	CHAMERA-II (29.01/300)	1.84	1.84	1.72
u)	CHAMERA-III (25.21/231)	1.31	1.31	1.31
v)	DHAULIGANGA (27/280)	1.82	1.82	1.82
w)	DULHASTI (42.42/390)	4.35	3.26	4.35
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	11.06	11.01	10.39
z)	TEHRI (75/1000)	4.76	4.76	4.67
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	4.08	4.08	7.23
ab)	TALA	1.11	1.23	1.23
ac)	MUNDRA UMPP (380/4000)	88.80	88.80	88.80
ad)	SASAN (372/3960)	72.84	72.84	72.84
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.87	31.79	31.33
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	597.04	616.47	608.22
	LOSSES	-26.42	-27.44	-29.58
	NET SCHEDULED	570.62	589.03	578.64
21	BILATERAL (REG.) EXCL. BANKING	9.39	6.10	5.77
22	BANKING	16.04	16.04	16.04
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	210.26	123.96	118.25
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.60	-13.79	-13.79
25	INDIAN ENERGY EXCHANGE	27.91	8.53	8.53
	TOTAL(B): (19 TO 25)	818.62	725.65	713.43
	TOTAL GENERATION (A +B) : 1 TO 25			1993.20
	OVER DRAWAL (+)/UNDER DRAWAL (-)			39.51
	GRAND TOTAL	2115.84	1965.07	2032.71
	LAST YEAR	1847.80	1888.84	1854.23

3.SYSTEM PARAMETERS AS ON 02-Nov-17

MAXIMUM DRAWL ON 02-Nov-17	9814 MW at 06.45-07.00 Hrs 49.90 Hz
MINIMUM DRAWL ON 02-Nov-17	7296 MW at 04.00-04.15 Hrs 49.96 Hz
Max O/D of the day	437 MW at 21.00-21.15 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	21
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	15
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	65
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	35
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	9
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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
AVERAGE FREQ. FOR THE DAY	2-Nov-17 49.94 Hz
Max O/D of the day	580 MW at 06.00-06.15 Hrs 49.92 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.96
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.41
ABOVE 50.05 HZ	9.63
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	156
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.	3-Nov-17	3-Nov-16		
Gandhi Sagar (Fl.)	1312	1250	1300.46	1311.68	NIL	54
R.P.Sagar (Fl.)	1157.5	1128	1137.61	1151.98	3449	2028
Jawahar Sagar (Fl.)	980	970.4	975.00	976.40	7910	5875
Kota Barrage(Fl.)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Fl.)	1690	1462	1663.08	1635.58	12341	8644
Dehar (Fl.)	2941	2900	2920.34	2916.86	2589	2888
Pong(Fl.)	1421	1260	1367.13	1359.42	11703	2507
Mahi-I (Mts.)	281.5	259	281.40	281.50	NA	NIL
Mahi-II (Mts.)	220.5	217	217.70	217.00	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
3-Nov-17	KTPS	66758	3 DAYS
	STPS	145863	6 DAYS
	CHHABRA	22214	3 DAYS
	KALISINDH	29062	2 DAYS

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

3-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										
GBRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
BCCFP	HRS02 ²	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN BCCFP END)
BCCFP	GT02 ²	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RVNL ON DATE 17.08.17 BUT PROBLEM IN BCCFP END)
STPS	4	250.00	229	55.00	229	19-Oct-17	20.35			BOXED UP
STPS	3	250.00	229	55.00	229	18-Sep-17	22.15			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNL. END LD MNO. 09/10/57/21.10.17)
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03			INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RVNL. END LD MNO. 09/10/57/21.10.17)FFICIENT COAL STOCK
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10			INSUFFICIENT COAL STOCK (permission pending)
Total(A) STATE SECTOR-PLANNED OUTAGE		1290.00	1136.00	272.80	1136.00					
CENTRAL SECTOR										
DABRI	GT02	130.19	22	5.30	22	09-Sep-17	23.45			FOR INSPECTION FOR 4000HRS
STPP(HAJAR)	2	500.00	5	0.00	0	20-Sep-17	21.10	21-Oct-17	20.14	COAL SHORTAGE
DABRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
ANTA GFS	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 GFS	3	88.71	16	3.50	16	25-Oct-17	22.21			RESERVE SHUTDOWN
DABRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
ANTA GFS	4	153.00	16	3.90	16	25-Oct-17	22.26			RESERVE SHUTDOWN
DABRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAYA GFS	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 GFS	1	88.00	16	3.50	16	25-Oct-17	22.57			RESERVE SHUTDOWN
DABRI GFS	1	130.00	22	5.30	22	25-Oct-17	23.00			RESERVE SHUTDOWN
AURAYA GFS	6	100.00	18	4.40	18	25-Oct-17	23.00			RESERVE SHUTDOWN
AURAYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		2133.80	248.00	61.60	243.00					

(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	
GBRAL	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	660.00	600	144.00	600	23-Sep-17	5.45	03-Nov-17		INSUFFICIENT COAL STOCK
RAJWEST	7	135.00	120	28.68	120	20-Oct-17	23.00	03-Nov-17		HEAVY BED MATERIAL LEAKAGE
RAMGARH	STG01	37.50	10	3.00	10	28-Oct-17	4.38	03-Nov-17		DESYNCHRONIZED DUE TO LOAD REDUCE ON GT02 SD UPTO 03.11.2017 FOR CONDENSER TUBE CLEANING
RAMGARH	GT02	37.50	29	7.00	29	28-Oct-17	4.50	03-Nov-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAR. INDIA AND UNDER SD FOR TWO DAYS FOR REVOLVOR CLEANING BY GAR.
BARSINGAR	2	125.00	110	26.40	110	29-Oct-17	10.05	03-Nov-17		LIGNITE FEEDING SYSTEM PROBLEM
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45	03-Nov-17		BED MATERIAL LEAKAGE
CHHABRA	2	250.00	225	0.00	225	31-Oct-17	19.33	02-Nov-17	21.49	OIL FLAME FAILURE
BARSINGAR	1	125.00	110	0.00	0	01-Nov-17	0.34	02-Nov-17	10.18	REFRACTORY DAMAGE
BCCFP	STG	110.00	100	0.00	100	02-Nov-17	18.10	02-Nov-17	21.21	DRUM LEVEL LOW
RAJWEST	4	135.00	120	28.68	120	03-Nov-17	6.02			TEMP MALL FUNCTION
RAJWEST	3	135.00	120	28.68	120	03-Nov-17	5.53			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2010.00	1734.00	311.92	1024.00					
CENTRAL SECTOR										
SINGRAILLI	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	01-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHAHAR	5	210.00	27	0.00	27	02-Nov-17	7.01	02-Nov-17	20.35	P/A FAN PROBLEM
UNCHAHAR	3	210.00	24	0.00	24	02-Nov-17	7.01	02-Nov-17	18.27	REASON AWAITED
UNCHAHAR	4	210.00	24	0.00	24	02-Nov-17	7.01	02-Nov-17	9.52	DRUM LEVEL LOW
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1330.00	109.00	8.20	109.00					
G.TOTAL				320.12	1733.00					

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 (S).