



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

Power Position 10-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								
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										
01-Dec-17										
1-NOV.17	2009.41	1940.92								
MAXIMUM OF THE MONTH	2115.84	2021.50	2145.85	1941.10	99.80	39.37	10468.00	9640.00	49.99	99.80
MIN OF THE MONTH	1911.17	1847.80	1998.02	1792.40	-3.94	12.23	9814.00	8473.00	49.90	18.47
AVERAGE	2019.88	1956.22	2067.55	1893.72	33.51	22.79	10177.89	9126.67	49.95	45.73
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.)	06-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	(08.15-8.30 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 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
		9-Nov-17		
1	KTPS (1240/1240)	245.00	245.00	252.44
2	STPS (1500/1500)	264.00	275.00	251.04
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	7.13
4	RAMGARH (273.5/273.5)	43.00	44.00	41.14
5	RAPP-A(200/200)	41.00	41.00	41.83
6	MAHI (140/140)	0.00	0.00	5.36
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	36.28
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	165.00	164.00	276.18
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	271.00	271.00	259.71
11	WIND FARM (3980.40/4119.15)	47.50	30.00	42.99
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.98
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	49.99	26.65	29.56
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.43
17	BARSINGHSAR LTPS(250/250)	53.00	53.00	51.43
18	RAJWEST (1080/1080)	172.00	172.00	175.40
	TOTAL (A) : 1-18	1394.11	1364.27	1475.89
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.93	22.82	23.44
b)	DEHAR (198/ 990)	9.28	9.64	9.54
c)	PONG (231.66/396)	21.31	16.55	21.31
	TOTAL : a TO c	53.52	49.02	54.29
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	91.85	89.23	89.23
e)	RIHAND (310.24/3000)	123.46	120.26	124.69
f)	UNCHAHAHAR-I(20/420)	2.75	2.69	7.44
g)	UNCHAHAHAR-II& III(61/630)	23.67	23.67	39.00
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.28	15.94	25.00
j)	DADRI GAS (77/830)	3.15	2.76	2.63
k)	ANTA (83.07/419)	0.00	0.00	0.06
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.79	9.65	9.65
n)	RAPP-B (125/440)	34.01	34.01	34.01
o)	RAPP-C (88/440)	20.34	20.34	20.34
p)	SALAL (20.36/690)	0.90	0.89	0.94
q)	URI (70.37/720)	2.74	2.89	2.84
r)	TANAKPUR (10.86/94)	1.19	1.19	1.14
s)	CHAMERA –I (105.84/540)	3.14	3.18	3.18
t)	CHAMERA-II (29.01/300)	1.69	1.69	1.65
u)	CHAMERA-III (25.21/231)	1.20	1.26	1.26
v)	DHAULIGANGA (27/280)	1.64	1.64	1.64
w)	DULHASTI (42.42/390)	5.22	5.22	5.22
x)	SEWA (13/120)	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.61	9.61	10.19
z)	TEHRI (75/1000)	4.88	4.76	4.63
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.76	6.43	6.43
ab)	TALA	0.99	1.33	1.33
ac)	MUNDRA UMPP (380/4000)	51.84	51.60	51.60
ad)	SASAN (372/3960)	88.68	88.56	88.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	31.40	32.04	31.94
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	587.07	580.26	619.25
	LOSSES	-28.46	-30.61	-32.41
	NET SCHEDULED	558.61	549.65	586.83
21	BILATERAL (REG.) EXCL. BANKING	5.88	5.88	5.88
22	BANKING	16.00	16.00	16.00
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	91.41	99.04	93.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-49.99	-26.65	-29.56
25	INDIAN ENERGY EXCHANGE	14.49	-46.20	-46.20
	TOTAL(B): (19 TO 25)	636.40	595.83	626.55
	TOTAL GENERATION (A +B) : 1 TO 25			2102.44
	OVER DRAWAL (+)/UNDER DRAWAL (-)			43.41
	GRAND TOTAL	2030.51	1960.09	2145.85
	LAST YEAR	2018.59	2021.50	1927.33

3. SYSTEM PARAMETERS AS ON 09-Nov-17

MAXIMUM DRAWL ON 09-Nov-17	10111 MW at 07.30-07.45 Hrs 49.93 Hz
MINIMUM DRAWL ON 09-Nov-17	7874 MW at 20.45-21.00 Hrs 50.04Hz
Max U/D of the day	196 MW at 21.00-21.15 HRS. 49.98Hz
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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	7
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	23
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	22
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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 9-Nov-17	49.96 Hz
Max O/D of the day	725 MW at 06.00-6.15 Hrs 50.00 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.47
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.47
ABOVE 50.05 HZ	9.06
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	102
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.	10-Nov-17	10-Nov-16		
Gandhi Sagar (FL)	1312	1250	1300.22	1311.59	7296	93
R.P.Sagar (FL)	1157.5	1128	1135.24	1149.68	0	5691
Jawahar Sagar (FL)	980	970.4	975.80	974.80	8340	5586
Kota Barrage(FL)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(FL)	1690	1462	1661.47	1633.09	13927	7894
Dehar (FL)	2941	2900	2920.14	2917.12	2635	2805
Pong(FL)	1421	1260	1365.39	1356.77	7807	2027
Mahi-I (Mts.)	281.5	259	281.25	281.45	1195	NIL
Mahi-II (Mts.)	220.5	217	218.90	218.05	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
10-Nov-17	KTPS	45340	2 days
	STPS	127839	5 days
	CHHABRA	49666	6.5 days
	KALISINDH	1384	0 day

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

10-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	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.)
Total(A) STATE SECTOR- PLANNED OUTAGE		290.00	220.00	52.80	220.00					

CENTRAL SECTOR

DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
ANTA GPS	2	88.71	20	0.00	0	24-Oct-17	21.49	28-Oct-17	21.00	RESERVE SHUTDOWN AND GENERAL MAINTENANCE W.E.F 00.00 HRS/25.10/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
AURAYA 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
AURAYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
Total(A)-(CENTRAL SECTOR- PLANNED OUTAGE		1043.90	151.00	31.80	151.00					

(B) FORCED 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-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	11-Nov-17		INSUFFICIENT COAL STOCK
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03	10-Nov-17		INSUFFICIENT COAL STOCK/PERMISSION PENDING AT RUVNL. END LD MNO. OP/10/571/21.10.17/PERMISSION GRANTED BY RUVNL ON DT 07.11.17) GENERA FOR UP
RAMGARH	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	10-Nov-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVIOLOR CLEANING BY GAIL
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45	10-Nov-17		BED MATERIAL LEAKAGE
DCCPP	HRSG#1	55.00	50	1.51	0	04-Nov-17	19.10	10-Nov-17	3.01	DUE TO HEAVY LEAKAGE
DCCPP	GT#1	110.00	100	0.00	0	04-Nov-17	19.22	09-Nov-17	10.37	DUE TO HEAVY LEAKAGE
RAJWEST	2	135.00	120	28.68	120	05-Nov-17	0.03	10-Nov-17		HEAVY BED MATERIAL LEAKAGE
CHABBRA	4	250.00	225	0.00	0	07-Nov-17	3.42	09-Nov-17	12.29	LEAKAGE IN ECONOMISER
ADANI	2	660.00	600	144.00	600	08-Nov-17	5.55	11-Nov-17		COAL STOCK PROBLEM
KSTPS	2	110.00	100	23.00	100	08-Nov-17	11.32	10-Nov-17		DRUM LEVEL LOW
CHABBRA	2	250.00	225	54.00	225	09-Nov-17	10.29	10-Nov-17		BOILER TUBE LEAKAGE
STPS	6	250.00	229	6.42	0	09-Nov-17	21.32	10-Nov-17	2.48	C & I (CONTROL AND INSTRUMENTATION) PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		3027.50	2697.00	509.09	2092.50					

CENTRAL SECTOR

SINGRAULI	3	200.00	34	0.00	0	31-Oct-17	1.31	05-Nov-17	10.17	DUE TO CLOSING OF CONTROL VALVE OF TURBINE
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
STPP(JHAJAR)	2	500.00	5	1.20	5	08-Nov-17	16.10			DUE TO COAL SHORTAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1200.00	39.00	1.20	5.00					
G.TOTAL				510.29	2097.50					

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 (\$).