



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

Power Position 09-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										
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								
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										
01-Dec-17										
1-NOV-17	2009.41	1940.92								
MAXIMUM OF THE MONTH	2115.84	2021.50	2100.53	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	2018.82	1949.98	2057.76	1889.52	32.27	23.36	10186.25	9077.25	49.95	46.07
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 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
		8-Nov-17		
1	KTPS (1240/1240)	245.00	271.00	263.23
2	STPS (1500/1500)	275.00	212.00	229.05
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	44.00	44.00	40.29
5	RAPP-A(200/200)	41.00	41.00	41.96
6	MAHI (140/140)	0.00	0.00	3.11
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	31.52
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	108.00	237.92
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	271.00	304.70	297.45
11	WIND FARM (3980.40/4119.15)	30.00	14.05	30.47
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	26.65	35.01	35.01
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.35
17	BARSINGHAR LTPS(250/250)	53.00	53.00	51.93
18	RAJWEST (1080/1080)	172.00	172.00	176.31
	TOTAL (A) : 1-18	1364.27	1297.38	1442.60
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.82	22.20	23.10
b)	DEHAR (198/ 990)	9.64	9.92	9.28
c)	PONG (231.66/396)	16.55	28.25	17.37
	TOTAL : a TO c	49.02	60.36	49.75
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	89.23	89.27	89.27
e)	RIHAND (310.24/3000)	120.26	126.17	125.92
f)	UNCHAHAHAR-I(20/420)	2.69	2.79	3.52
g)	UNCHAHAHAR-II& III(61/630)	23.67	24.02	27.42
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.94	15.31	15.31
j)	DADRI GAS (77/830)	2.76	3.05	3.42
k)	ANTA (83.07/419)	0.00	0.22	8.13
l)	AURAIYA (61.03/663)	0.00	0.08	0.08
m)	NAPP (44/440)	9.65	9.67	9.67
n)	RAPP-B (125/440)	34.01	33.93	33.93
o)	RAPP-C (88/440)	20.34	20.34	20.34
p)	SALAL (20.36/690)	0.89	0.89	0.93
q)	URI (70.37/720)	2.89	2.78	2.81
r)	TANAKPUR (10.86/94)	1.19	1.19	1.15
s)	CHAMERA –I (105.84/540)	3.18	3.18	3.18
t)	CHAMERA-II (29.01/300)	1.69	1.79	1.60
u)	CHAMERA-III (25.21/231)	1.26	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	9.65	10.10
z)	TEHRI (75/1000)	4.76	4.76	4.66
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	6.43	6.43	6.43
ab)	TALA	1.33	1.05	1.05
ac)	MUNDRA UMPP (380/4000)	51.60	69.60	63.04
ad)	SASAN (372/3960)	88.56	88.56	88.56
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	32.04	31.78	31.78
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	580.26	615.38	610.56
	LOSSES	-30.61	-32.30	-32.16
	NET SCHEDULED	549.65	583.08	578.40
21	BILATERAL (REG.) EXCL. BANKING	5.88	5.65	5.65
22	BANKING	16.00	16.00	16.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	97.15	96.70	93.92
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-26.65	-35.01	-35.01
25	INDIAN ENERGY EXCHANGE	-46.20	-50.32	-50.32
	TOTAL(B): (19 TO 25)	595.83	613.78	608.63
	TOTAL GENERATION (A +B) : 1 TO 25			2051.23
	OVER DRAWAL (+)/UNDER DRAWAL (-)			49.30
	GRAND TOTAL	1960.09	1911.17	2100.53
	LAST YEAR	2021.50	1979.34	1941.09

3.SYSTEM PARAMETERS AS ON 08-Nov-17

MAXIMUM DRAWL ON 08-Nov-17	10056 MW at 07.15-07.30 Hrs 49.86 Hz
MINIMUM DRAWL ON 08-Nov-17	7455 MW at 20.45-21.00 Hrs 50.00Hz
Max U/D of the day	345 MW at 4.15 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	72
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	37
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	12
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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	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	8-Nov-17 49.95 Hz
Max O/D of the day	598 MW at 6.15 Hrs 49.84 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.17
LESS THAN 49.90 HZ	18.55
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.96
ABOVE 50.05 HZ	4.32
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	175
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.	9-Nov-17	9-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1300.22	1311.61	NIL	93
R.P.Sagar (Ft.)	1157.5	1128	1135.24	1149.90	9502	5691
Jawahar Sagar (Ft.)	980	970.4	975.80	977.50	7997	5586
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1661.78	1633.45	13910	8266
Dehar (Ft.)	2941	2900	2920.53	2917.84	2619	3049
Pong(Ft.)	1421	1260	1365.61	1357.08	6000	2059
Mahi-I (Mts.)	281.5	259	281.25	281.45	610	NIL
Mahi-II (Mts.)	220.5	217	218.90	217.90	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
9-Nov-17	KTPS		
	STPS		
	CHHABRA		
	CHHABRA		

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

9-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 (SD W.E.F.15.07.14)	
DCCPP	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP(PERMISSION GIVEN BY RU/VNL 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 RU/VNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
STPS	3	250.00	229	55.00	229	10-Sep-17	22.15	08-Nov-17	3.38	INSUFFICIENT COAL STOCK(PERMISSION PENDING AT RU/VNL END LD MNO. 09/10/571/21.10.17)
STPS	2	250.00	229	55.00	229	09-Oct-17	13.03		INSUNUFFICIENT COAL STOCK(PERMISSION PENDING AT RU/VNL END LD MNO. 09/10/571/21.10.17)FFIENT COAL STOCK	
STPS	6	250.00	229	55.00	229	11-Sep-17	0.10	08-Nov-17	7.45	INSUFFICIENT COAL STOCK (permission pending)
Total(A) STATE SECTOR- PLANNED OUTAGE		1040.00	907.00	217.80	907.00					

CENTRAL SECTOR

DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN	
ANTA GPS	2	88.71	20	7.50	20	24-Oct-17	21.49		RESERVE SHUTDOWN AND GENERAL MAINTENANCE W.E.F 00.00 HRS/25.10.17RESERVE 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	
Total(B)CENTRAL SECTOR- PLANNED OUTAGE		1043.90	151.00	39.30	151.00					

(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-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45			INSUFFICIENT COAL STOCK
RAMGARH	GT#2	37.50	29	7.00	29	28-Oct-17	4.50			DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLOR CLEANING BY GAIL
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45			BED MATERIAL LEAKAGE
DCCPP	HRSG#1	55.00	50	12.00	50	04-Nov-17	19.10			DUE TO HEAVY LEAKAGE
DCCPP	GT#1	110.00	100	24.00	100	04-Nov-17	19.22			DUE TO HEAVY LEAKAGE
RAJWEST	2	135.00	120	28.62	120	05-Nov-17	0.03			HEAVY BED MATERIAL LEAKAGE
CHABRA	4	25.00	225	54.00	225	07-Nov-17	3.42			LEAKAGE IN ECONOMISER
CHABRA	2	250.00	225	0.00	0	07-Nov-17	14.14	08-Nov-17	23.30	BOILER TUBE LEAKAGE
ADANI	2	660.00	600	144.00	600	08-Nov-17	5.55			COAL STOCK PROBLEM
KSTPS	2	110.00	100	23.00	100	08-Nov-17	11.32			DRUM LEVEL LOW
Total(B) STATE SECTOR-FORCED OUTAGE		2302.50	2230.00	482.10	2013.50					

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	01-Nov-17	15.40			FURNISH PRESSURE HIGH
Total(B)CENTRAL SECTOR- FORCED OUTAGE		700.00	34.00	8.20	34.00					
G.TOTAL			490.30	2047.50						

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 (\$).