



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

Power Position 13-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								
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	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	2022.27	1950.03	2076.98	1902.89	28.27	23.73	10347.67	9219.67	49.95	52.57

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

XEN(LD)-68

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior	Prior	Actual	Prior	Prior	Actual	Prior	Prior	Actual
		assessment	assessment	Energy	assessment	assessment	Energy	assessment	assessment	Energy
		of Avail. For	of Avail.	Received	of Avail. For	of Avail.	Received	of Avail. For	of Avail.	Received
		next Day			next Day			next Day		
		10-Nov-17			11-Nov-17			12-Nov-17		
1	KTPS (1240/1240)	271.00	245.00	252.26	271.00	271.00	229.37	271.00	271.00	244.44
2	STPS (1500/1500)	275.00	264.00	247.46	275.00	275.00	219.82	275.00	275.00	226.97
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	25.82	0.00	0.00	25.09	0.00	0.00	25.84
4	RANGARH (273.5/273.5)	44.00	43.00	41.05	44.00	44.00	42.09	46.00	44.00	45.45
5	RAPP-A(200/200)	41.00	41.00	42.02	41.00	41.00	42.41	41.00	41.00	42.30
6	MAHI (140/140)	0.00	0.00	3.12	0.00	0.00	8.68	0.00	0.00	5.79
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	38.74	38.62	38.62	38.85	38.62	38.62	39.47
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	162.00	165.00	312.77	221.00	162.00	315.24	221.00	221.00	289.70
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	216.00	271.00	200.00	214.00	216.00	214.31	214.00	214.00	210.42
11	WIND FARM (3980.40/4119.15)	64.00	47.50	50.41	70.00	64.00	89.34	70.50	70.00	79.51
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	34.70	49.99	49.99	30.35	34.70	34.70	31.72	30.35	30.28
16	BIOMASS – (101.95/119.25)	4.00	4.00	4.11	4.00	4.00	4.04	4.00	4.00	3.58
17	BARSINGHAR LTPS(250/250)	53.00	53.00	52.31	53.00	53.00	52.91	54.00	53.00	52.45
18	RAJWEST (1080/1080)	201.00	172.00	174.87	201.00	201.00	181.22	201.00	201.00	186.50
	TOTAL (A) : 1-18	1404.32	1394.11	1494.93	1462.97	1404.32	1498.07	1467.84	1462.97	1482.70
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	22.85	22.93	22.92	23.00	22.85	22.44	22.80	23.00	22.28
b)	DEHAR (198/ 990)	9.45	9.28	9.49	9.31	9.45	9.15	9.31	9.31	9.15
c)	PONG (231.66/396)	25.11	21.31	24.16	24.07	25.11	25.97	23.97	24.07	23.30
	TOTAL : a To c	57.41	53.52	56.57	56.38	57.41	57.56	56.08	56.38	54.73
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	82.78	91.85	92.04	83.74	82.78	82.78	120.94	83.74	83.74
e)	RIHAND (310.24/3000)	117.97	123.46	121.62	121.52	117.97	120.13	120.26	121.52	121.21
f)	UNCHAHAAR-I(20/420)	2.61	2.75	5.61	2.58	2.61	1.93	2.64	2.58	2.59
g)	UNCHAHAAR-II& III(61/630)	21.70	23.67	26.55	21.44	21.70	15.13	22.37	21.44	17.99
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	11.87	15.28	13.87	14.56	11.87	4.92	15.20	14.56	8.03
j)	DADRI GAS (77/830)	3.05	3.15	3.02	2.95	3.05	3.30	2.60	2.95	1.85
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.79	9.79	9.79	9.72	9.79	9.79	9.77	9.72	9.72
n)	RAPP-B (125/440)	34.01	34.01	34.01	34.01	34.01	34.01	34.27	34.01	34.01
o)	RAPP-C (88/440)	20.34	20.34	20.34	19.86	20.34	20.34	19.62	19.86	19.86
p)	SALAL (20.36/690)	0.79	0.90	0.78	0.74	0.79	0.78	0.92	0.74	0.74
q)	LURI (70.37/720)	2.91	2.74	2.75	3.02	2.91	2.82	2.83	3.02	2.74
r)	TANAKPUR (10.86/94)	1.19	1.19	1.11	1.09	1.19	1.07	1.05	1.09	1.09
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.69	1.69	1.69	1.60	1.69	1.55	1.45	1.60	1.47
u)	CHAMERA-III (25.21/231)	1.15	1.20	1.20	0.98	1.15	1.07	1.04	0.98	0.98
v)	DHAULIGANGA (27/280)	1.64	1.64	1.64	1.64	1.64	1.57	1.60	1.64	1.55
w)	DULHASTI (42.42/390)	5.00	5.22	5.22	4.57	5.00	4.57	4.57	4.57	4.48
x)	SEWA (13/120)	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	9.62	9.61	9.68	9.62	9.62	10.38	9.62	9.62	9.62
z)	TEHRI (75/1000)	4.76	4.88	4.88	4.76	4.76	4.95	4.76	4.76	4.72
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.49	3.76	6.43	3.76	3.49	6.16	3.49	3.76	6.09
ab)	TALA	0.99	0.99	0.99	0.93	0.99	0.99	0.88	0.93	0.93
ac)	MUNDRA UMPP (380/4000)	50.94	51.84	51.84	48.65	50.94	51.14	54.00	48.65	48.65
ad)	SASAN (372/3960)	88.68	88.68	89.21	86.18	88.68	88.68	88.80	86.18	86.18
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.29	31.40	31.40	25.82	26.29	21.35	26.49	25.82	17.73
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(A to af)	564.19	587.07	595.77	563.63	564.19	550.49	608.78	563.63	544.25
	LOSSES	-27.25	-28.46	-31.39	-27.26	-27.25	-29.27	-35.67	-27.26	-29.01
	NET SCHEDULED	536.94	558.61	564.38	536.37	536.94	521.22	573.11	536.37	515.24
21	BILATERAL (REG.) EXCL. BANKING	5.88	5.88	5.88	5.41	5.88	5.40	5.35	5.41	5.41
22	BANKING	16.00	16.00	16.00	16.00	16.00	16.00	15.90	16.00	16.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	102.89	81.85	91.41	114.37	103.95	100.88	98.82	117.20	114.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-34.70	-49.99	-49.99	-30.35	-34.70	-34.70	-31.72	-30.35	-30.28
25	INDIAN ENERGY EXCHANGE	-3.18	14.49	14.49	-66.09	-3.18	-3.18	-103.07	-66.09	-66.09
	TOTAL(B): (19 TO 25)	623.82	636.40	642.16	575.70	623.82	605.61	558.39	575.70	554.64
	TOTAL GENERATION (A +B) : 1 TO 25			2137.09			2103.68			2037.34
	OVER DRAWAL (+)/UNDER DRAWAL (-)			16.28			5.44			15.96
	GRAND TOTAL	2028.14	2030.51	2153.37	2038.67	2028.14	2109.12	2026.23	2038.67	2053.30
	LAST YEAR	2007.07	2018.59	1950.23	1785.99	2007.07	1944.37	1988.97	1785.99	1896.63

3. SYSTEM PARAMETERS AS ON 12-Nov-17

MAXIMUM DRAWL ON 12-Nov-17	10542 MW at 07.30-07.45 Hrs 49.95 Hz
MINIMUM DRAWL ON 12-Nov-17	7012 MW at 20.45-21.00 Hrs 50.04Hz
Max U/D of the day	293 MW at 07.15-07.30 HRS. 49.91 Hz
Max. OD 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
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	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	26
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 12-Nov-17	49.97 Hz
Max O/D of the day	561 MW at 18.30-18.45 Hrs 50.04 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.09
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.78
ABOVE 50.05 HZ	8.13
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.	13-Nov-17	13-Nov-16		
Gandhi Sagar (FL)	1312	1250	1300.22	1311.52	7296	93
R.P.Sagar (Ft.)	1157.5	1128	1135.38	1148.51	12502	3800
Jawahar Sagar (Ft.)	980	970.4	974.70	979.30	8399	10623
Kota Barrage(FL)	854.5	852.3	854.40	854.40		
RMC					6150	
LMC					1500	
Bhakra(Ft.)	1690	1462	1660.58	1631.92	12904	7261
Dehar (Ft.)	2941	2900	2919.75	2917.78	2533	2659
Pong(Ft.)	1421	1260	1364.60	1355.76	8603	2035
Mahi-I (Mts.)	281.5	259	281.10	281.35	NA	NIL
Mahi-II (Mts.)	220.5	217	218.90	218.50	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
13/Nov/17	KTPS	42781	2 DAYS
	STPS	94451	4 DAYS
	CHHABRA	44713	6 DAYS
	KALISINDH	7880	0.5 DAY

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

13/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	HRS#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RU/NL 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 RU/NL 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 RU/NL END LD MNO. (09/10/57/21/10/17)PERMISSION GRANTED BY RU/NL ON DT 07.11.17) GENERATOR T/F OIL RESULT ARE IMPROPER/PERMISSION PENDING AT
Total(A) 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
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		955.19	131.00	31.80	131.00				

(B) FORCE OUTAGE

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
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
RANGARI	GT#2	37.50	29	7.00	29	28-Oct-17	4.50		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVOLOLO CLEANING BY GAIL
RAJWEST	1	135.00	120	28.68	120	29-Oct-17	11.45		BED MATERIAL LEAKAGE
ADANI	2	660.00	600	144.00	600	8-Nov-17	5.55		COAL STOCK PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		1617.50	1419.00	340.48	1419.00				
CENTRAL SECTOR									
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH
STPP(JHAJJAR)	2	500.00	5	1.20	5	8-Nov-17	16.10		DUE TO COAL SHORTAGE
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) CENTRAL SECTOR-FORCED OUTAGE		1881.20	202.00	48.90	202.00				
G.TOTAL			389.38	1621.00					

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 (\$).