



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

Power Position 27-Nov-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

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	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	2041.16	1912.90	31.74	15.53	10414	9349	49.96	74.36
14-Nov-17	2031.48	1968.08	2066.47	1923.63	23.25	29.95	10495	9406	49.95	67.56
15-Nov-17	2026.35	1934.62	2067.60	1910.31	40.24	33.50	10684	9454	49.97	119.25
16-Nov-17	2051.38	1896.57	2083.60	1886.96	0.32	26.22	10657	9305	49.97	143.22
17-Nov-17	2092.52	1896.40	2033.37	1879.19	-6.32	29.75	10501	9540	49.95	163.53
18-Nov-17	1993.44	1869.46	1907.87	1831.82	2.13	23.33	10148	8676	49.96	194.97
19-Nov-17	1877.40	1862.27	1908.64	1903.87	22.88	19.46	9989	9487	49.97	166.69
20-Nov-17	2004.36	1918.39	1925.65	1850.07	35.90	8.20	10077	9263	49.96	39.91
21-Nov-17	1880.50	1974.59	1948.80	1830.31	59.80	27.07	9841	8813	49.97	30.57
22-Nov-17	1908.59	1930.50	1985.80	1858.34	58.43	22.48	10279	9429	49.98	34.76
23-Nov-17	2019.66	1881.36	2000.68	1815.86	12.23	29.32	10626	9331	49.98	15.93
24-Nov-17	2061.94	1903.17	2022.61	1903.60	12.74	12.07	10935	9519	49.97	17.90
25-Nov-17	1974.77	1958.10	2013.16	1880.58	30.05	24.66	11048	9902	49.97	13.80
26-Nov-17	2106.51	1966.86	1982.54	1893.86	20.84	12.20	10744.00	9685	50.00	21.86
27-Nov-17	1985.79	1948.27								
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	9902.00	50.00	194.97
MIN OF THE MONTH	1877.40	1785.99	1907.87	1792.40	-6.32	8.20	9814.00	8473.00	49.90	13.80
AVERAGE	2008.23	1934.70	2037.17	1888.88	26.51	23.45	10394.64	9284.40	49.96	68.53

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

(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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
1	KTPS (1240/1240)	227.00	227.00	181.91	253.00	227.00	193.36	223.00	253.00	179.79
2	STPS (1500/1500)	273.00	273.00	228.17	168.00	273.00	232.02	55.00	168.00	81.37
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	33.26	0.00	0.00	33.52	0.00	0.00	32.81
4	RAMGARH (273.5/273.5)	44.00	44.00	43.90	44.00	44.00	43.14	44.00	44.00	41.96
5	RAPP-A(200/200)	42.00	42.00	42.83	42.00	42.00	42.71	42.00	42.00	42.80
6	MAHI (140/140)	0.00	0.00	7.75	0.00	0.00	7.96	0.00	0.00	7.59
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.07	38.62	38.62	38.30	38.62	38.62	34.94
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	221.00	265.88	221.00	162.00	237.65	221.00	221.00	299.51
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	263.73	271.50	253.13	401.70	263.73	256.35	402.43	401.70	338.48
11	WIND FARM (3980.40/4119.15)	9.75	18.25	17.90	17.25	9.75	13.80	12.60	17.25	21.86
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	4.26	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	1.87	24.85	24.85	-4.28	1.87	1.87	-1.08	-4.28	-4.28
16	BIOMASS – (101.95/119.25)	4.00	4.00	3.72	6.00	4.00	5.52	8.00	6.00	7.63
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.47	54.00	54.00	52.56	54.00	54.00	52.82
18	RAJWEST (1080/1080)	190.00	172.00	159.63	200.00	190.00	180.48	201.00	200.00	181.08
	TOTAL (A) : 1-18	1309.97	1390.22	1354.73	1441.29	1309.97	1339.24	1300.57	1441.29	1318.35
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	20.21	20.53	20.41	20.85	20.21	20.40	21.72	20.85	21.08
b)	DEHAR (198/ 990)	8.34	8.34	7.78	8.34	8.34	7.21	8.34	8.34	8.18
c)	PONG (231.66/396)	20.93	21.78	21.12	22.54	20.93	22.07	21.40	22.54	21.21
	TOTAL : a TO c	49.48	50.65	49.31	51.73	49.48	49.68	51.47	51.73	50.47
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	48.60	48.62	48.60	48.60	48.60	48.41	48.60	48.60	48.60
e)	RIHAND (310.24/3000)	112.53	112.58	112.81	112.22	112.53	112.55	113.82	112.22	113.10
f)	UNCHAHAAR-I(20/420)	4.38	3.82	2.54	5.37	4.38	3.98	3.53	5.37	2.71
g)	UNCHAHAAR-II& III(61/630)	26.46	25.60	17.35	31.19	26.46	22.03	20.14	31.19	15.96
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	15.77	15.89	11.05	15.82	15.77	12.76	22.18	15.82	7.55
j)	DADRI GAS (77/830)	3.24	3.32	2.50	3.51	3.24	2.77	3.37	3.51	3.13
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)	9.86	9.86	9.86	9.84	9.86	9.86	9.86	9.84	9.84
n)	RAPP-B (125/440)	34.36	34.53	34.53	34.61	34.36	34.36	34.61	34.61	34.61
o)	RAPP-C (88/440)	19.62	19.62	19.62	20.48	19.62	19.62	20.48	20.48	20.48
p)	SALAL (20.36/690)	0.81	0.82	0.75	0.84	0.81	0.77	0.84	0.84	0.77
q)	URI (70.37/720)	3.16	2.86	3.13	2.96	3.16	3.19	3.07	2.96	3.13
r)	TANAKPUR (10.86/94)	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
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)	1.16	1.16	1.11	1.06	1.16	1.26	1.16	1.06	1.35
u)	CHAMERA-III (25.21/231)	0.76	0.55	0.63	0.83	0.76	0.84	0.85	0.83	0.88
v)	DHAULIGANGA (27/280)	1.22	1.35	1.18	1.22	1.22	1.22	1.22	1.22	1.28
w)	DULHASTI (42.42/390)	3.59	3.59	3.37	3.37	3.59	3.59	3.81	3.37	3.37
x)	SEWA (13/120)	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.18	8.18	8.18	8.08	8.18	8.18	8.09	8.08	8.53
z)	TEHRI (75/1000)	4.87	4.87	4.72	4.87	4.87	4.87	4.87	4.87	4.79
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.95	2.95	5.41	2.95	2.95	5.41	2.68	2.95	5.20
ab)	TALA	0.71	1.05	1.05	0.66	0.71	0.71	0.68	0.66	0.66
ac)	MUNDRA UMPP (380/4000)	72.96	71.06	71.06	71.03	72.96	71.32	67.54	71.03	71.03
ad)	SASAN (372/3960)	88.68	88.23	88.23	88.80	88.68	88.10	86.37	88.80	88.65
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.86	23.60	22.46	25.77	24.86	22.80	26.29	25.77	23.81
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 SCHEDULED(a TO af)	542.23	538.80	523.48	549.86	542.23	532.33	539.57	549.86	523.95
	LOSSES	-37.11	-36.91	-38.17	-37.66	-37.11	-38.77	-33.23	-37.66	-38.21
	NET SCHEDULED	505.13	501.89	485.30	512.20	505.13	493.55	506.34	512.20	485.74
21	BILATERAL (REG.) EXCL. BANKING	4.47	4.35	4.35	4.47	4.47	4.47	4.86	4.47	4.47
22	BANKING	15.78	15.78	15.78	15.78	15.78	15.78	12.49	15.78	15.78
23	BILATERAL(INTER-REG.), EXCLUDING (ISOA & BANKING)	144.80	169.40	167.40	162.34	147.00	135.44	172.36	164.56	166.93
24	INTER STATE OPEN ACCESS (BILATERAL+HEX)	-1.87	-24.85	-24.85	4.28	-1.87	-1.87	1.08	4.28	4.28
25	INDIAN ENERGY EXCHANGE	-3.51	7.15	7.15	-33.86	-3.51	-3.51	-11.91	-33.86	-33.86
	TOTAL(B): (19 TO 25)	664.80	671.72	655.14	665.22	664.80	643.87	685.22	665.22	643.34
	TOTAL GENERATION (A +B) : 1 TO 25			2009.87			1983.11			1961.70
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.74			30.05			20.84
	GRAND TOTAL	1974.77	2061.94	2022.61	2106.51	1974.77	2013.16	1985.79	2106.51	1982.54
	LAST YEAR	1958.10	1903.17	1903.60	1966.86	1958.10	1880.58	1948.27	1966.86	1893.86

3. SYSTEM PARAMETERS AS ON 26-Nov-17

MAXIMUM DRAWL ON 26-Nov-17	10744 MW at 08.00-08.15 Hrs 50.00 Hz
MINIMUM DRAWL ON 26-Nov-17	6745 MW at 04.00-04.15 Hrs 50.00 Hz
Max U/D of the day	335 MW at 06.45-07.00 HRS. 49.92 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
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	41
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
No. of Blocks in which Freq. >= 50.10	2
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 26-Nov-17	50.00 Hz
Max O/D of the day	499 MW at 07.30-07.45HRS. 49.95 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	4.33
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.78
ABOVE 50.05 HZ	22.89
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.	27-Nov-17	27-Nov-16		
Gandhi Sagar (Fl.)	1312	1250	1297.15	1311.03	5819	317
R.P.Sagar (Fl.)	1157.5	1128	1136.50	1144.07	6898	5504
Jawahar Sagar (Fl.)	980	970.4	976.80	978.30	3749	13323
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Fl.)	1690	1462	1656.25	1627.15	12572	7032
Dehar (Fl.)	2941	2900	2920.14	2920.14	2196	2196
Pong(Fl.)	1421	1260	1360.80	1351.85	8004	1436
Mahi-I (Mts.)	281.5	259	280.25	280.65	2965	NIL
Mahi-II (Mts.)	220.5	217	217.70	216.90	208	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
27/Nov/17	KTPS	28151	1.5 DAYS
	STPS	58907	2.5 DAYS
	CHHABRA	25328	3.5 DAYS
	KALISINDH	35554	2.5 DAYS

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

27/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	HRSQ2*	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	GT92*	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	17-Nov-17	23.29		BOXED UP
STPS	6*	250.00	229	55.00	229	25-Nov-17	22.12		BOXED UP
STPS	2*	250.00	229	55.00	229	26-Nov-17	1.05		BOXED UP
STPS	5*	250.00	229	55.00	229	26-Nov-17	7.38		BOXED UP
STPS	3*	250.00	229	55.00	229	26-Nov-17	12.22		BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1540.00	1365.00	327.80	1365.00				

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
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- PLANNED OUTAGE		1836.39	328.00	79.50	328.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Dec-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	27-Nov-17	INSUFFICIENT COAL STOCK
RANGARH	GT92	37.50	29	7.00	29	28-Oct-17	4.50	28-Nov-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLOR CLEANING BY GAIL
KTPS	5	210.00	192	0.00	0	22-Nov-17	0.02	26-Nov-17	DESYNCHRONIZED DUE TO ATTEND AIR PRE HEATER -5A
RAJWEST	7	135.00	120	28.68	120	22-Nov-17	19.16	27-Nov-17	GENERATOR ELECTRICAL PROTECTION FAILURE
KTPS	5	210.00	192	0.00	0	26-Nov-17	10.26	26-Nov-17	LOSS OF ALL FUEL
KTPS	5	210.00	192	46.00	192	26-Nov-17	15.37		LOSS OF ALL FUEL
Total(B) STATE SECTOR-FORCED OUTAGE		1587.50	1395.00	242.48	1011.00				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH
ISTPP(JHABAR)	2	500.00	5	1.20	5	8-Nov-17	16.10		DUE TO COAL SHORTAGE
SINGRAULI	4	200.00	34	8.20	34	20-Nov-17	21.51		DESYNCHRONIZED DUE TO AIR PRE HEATER PROBLEM
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59		ANNUAL OVERHAULING WORK
SINGRAULI	6	500.00	85	20.50	85	21-Nov-17	12.29		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1900.00	158.00	38.10	158.00				
G.TOTAL				280.58	1169.00				

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 (\$) .