



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

Power Position 30-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	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	2011.59	1874.47	24.55	8.65	10899.00	9550.00	49.96	18.62
28-Nov-17	2070.42	1911.13	2046.22	1877.44	6.04	9.29	10991.00	9594.00	49.95	19.13
29-Nov-17	2086.88	1942.26	2020.85	1873.95	24.51	7.57	11215.00	9617.00	49.97	48.64
30-Nov-17	2061.53	2009.97								
1-Dec-17										
MAXIMUM OF THE MONTH	2115.84	2021.50	2153.37	1950.22	99.80	39.58	11215.00	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
		29-Nov-17		
1	KTPS (1240/1240)	220.00	222.00	211.86
2	STPS (1500/1500)	324.00	110.00	120.18
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	33.82
4	RAMGARH (273.5/273.5)	44.00	37.00	43.63
5	RAPP-A(200/200)	42.00	42.00	42.82
6	MAHI (140/140)	0.00	0.00	9.11
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	42.23
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	216.00	221.00	222.07
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	131.43	404.30	220.11
11	WIND FARM (3980.40/4119.15)	71.00	25.95	48.64
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	26.89	25.69	25.69
16	BIOMASS – (101.95/119.25)	7.00	6.00	7.04
17	BARSINGHAR LTPS(250/250)	54.00	54.00	53.04
18	RAJWEST (1080/1080)	201.00	201.00	195.59
	TOTAL (A) : 1-18	1375.94	1387.56	1275.83
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.07	23.89	23.95
b)	DEHAR (198/ 990)	6.44	6.68	7.00
c)	PONG (231.66/396)	30.34	28.72	29.20
	TOTAL : a TO c	60.85	59.29	60.15
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	56.01	53.20	53.30
e)	RIHAND (310.24/3000)	123.26	115.54	116.20
f)	UNCHAHAHAR-I(20/420)	6.44	16.76	19.57
g)	UNCHAHAHAR-II& III(61/630)	15.59	23.76	26.98
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.98	16.21	25.50
j)	DADRI GAS (77/830)	4.07	4.95	5.85
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)	9.82	9.82	9.82
n)	RAPP-B (125/440)	34.44	34.44	34.44
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.83	0.82	0.74
q)	URI (70.37/720)	2.96	3.02	3.10
r)	TANAKPUR (10.86/94)	0.58	0.71	0.69
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.16	1.16	1.31
u)	CHAMERA-III (25.21/231)	0.76	0.76	0.90
v)	DHAULIGANGA (27/280)	1.22	1.28	1.28
w)	DULHASTI (42.42/390)	3.48	3.48	3.48
x)	SEWA (13/120)	0.30	0.39	0.39
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.08	8.07	8.08
z)	TEHRI (75/1000)	4.87	4.87	4.87
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.58	5.95	5.82
ab)	TALA	0.68	0.68	0.68
ac)	MUNDRA UMPP (380/4000)	68.40	72.96	72.96
ad)	SASAN (372/3960)	83.59	88.68	88.68
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.89	28.39	27.55
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	558.62	577.96	595.09
	LOSSES	-36.96	-37.94	-38.98
	NET SCHEDULED	521.66	540.02	556.11
21	BILATERAL (REG.) EXCL. BANKING	4.63	4.63	4.63
22	BANKING	15.86	15.86	15.86
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	123.25	121.15	124.63
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-26.89	-5.44	-25.69
25	INDIAN ENERGY EXCHANGE	47.09	40.40	44.97
	TOTAL(B): (19 TO 25)	685.59	713.17	720.51
	TOTAL GENERATION (A +B) : 1 TO 25			1996.34
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.51
	GRAND TOTAL	2061.53	2100.72	2020.85
	LAST YEAR	2009.97	1942.26	1873.96

3.SYSTEM PARAMETERS AS ON 29-Nov-17

MAXIMUM DRAWL ON 29-Nov-17	11215 MW at 7.30-7.45 Hrs 49.97 Hz
MINIMUM DRAWL ON 29-Nov-17	6795 MW at 04.00-04.15 Hrs 49.99 Hz
Max U/D of the day	415 MW at 20.15 HRS. 50.03Hz
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	10
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	55
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
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	27
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	3
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 29-Nov-17	49.97 Hz
Max O/D of the day	470 MW at 18.30HRS. 49.91 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	0.00
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	0.00
ABOVE 50.05 HZ	#VALUE!
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	64
No. of 132 KV Feeders Disconnected	0

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

30/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	HRS02*	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	GT02*	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)
STPS	4*	250.00	229	55.00	229	17-Nov-17	23.29	29-Nov-17 20.34 BOXED UP
STPS	6*	250.00	229	55.00	229	25-Nov-17	22.12	29-Nov-17 15.18 BOXED UP
STPS	2*	250.00	229	55.00	229	26-Nov-17	1.05	29-Nov-17 23.55 BOXED UP
STPS	5*	250.00	229	55.00	229	26-Nov-17	7.38	29-Nov-17 21.12 BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1290.00	1136.00	272.80	1136.00			

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
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		1626.39	317.00	76.80	317.00				

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	15-Dec-17		DESYNCHRONIZED DUE TO A TEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	30-Nov-17		INSUFFICIENT COAL STOCK
RAMGARH	GT02	37.50	29	7.00	29	28-Oct-17	4.50	30-Nov-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLVER CLEANING BY GAIL
RAJVEST	7	135.00	120	28.00	120	22-Nov-17	19.16	30-Nov-17		GENERATOR ELECTRICAL PROTECTION FAILURE
KTPS	5	210.00	192	1.53	192	26-Nov-17	15.37	30-Nov-17	0.48	LOSS OF ALL FUEL
KALISINDH	2	600.00	475	136.00	475	29-Nov-17	8.24	30-Nov-17		BOILER TUBE LEAKAGE
KALISINDH	1	600.00	475	136.00	475	29-Nov-17	11.53	30-Nov-17		BOILER TUBE LEAKAGE
STPS	6	250.00	229	7.66	229	29-Nov-17	1.17	29-Nov-17	4.31	FLAM FAILURE
STPS	5	250.00	229	55.00	229	30-Nov-17	6.52			REASON AWAITED
KTPS	5	210.00	192	46.00	192	30-Nov-17	6.06			FLAM FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE		3077.50	2611.00	578.67	2611.00					

CENTRAL SECTOR

UNCHABAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
STPP(JHAJHAR)	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				616.77	2769.00					

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 (\$).

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	30-Nov-17	30-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1296.83	1310.68	5880	376
R.P.Sagar (Ft.)	1157.5	1128	1135.98	1143.96	10261	6277
Jawahar Sagar (Ft.)	980	970.4	976.50	977.90	7996	1043
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	NA	1624.56	NA	NA
Dehar (Ft.)	2941	2900	NA	2919.68	NA	NA
Pong(Ft.)	1421	1260	NA	1350.91	NA	NA
Mahi-I (Mts.)	281.5	259	280.00	280.50	2954	NIL
Mahi-II (Mts.)	220.5	217	217.25	217.40	246	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
30/Nov/17	KTPS	45167	2 days
	STPS	76760	3 days
	CHHABRA	45383	6 days
	KALISINDH	37678	2.5 days