



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

Power Position 01-Dec-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	2047.56	1900.99	18.52	6.41	11125.00	9761.00	49.97	82.39
1-Dec-17	2075.44	1839.91								
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
		30-Nov-17		
1	KTPS (1240/1240)	220.00	220.00	215.59
2	STPS (1500/1500)	324.00	324.00	267.17
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	34.01
4	RAMGARH (273.5/273.5)	44.00	44.00	43.33
5	RAPP-A(200/200)	42.00	42.00	42.60
6	MAHI (140/140)	0.00	0.00	7.64
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.64
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	216.00	216.00	210.04
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	131.43	131.43	130.00
11	WIND FARM (3980.40/4119.15)	71.00	71.00	82.39
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	21.41	26.89	26.89
16	BIOMASS – (101.95/119.25)	7.00	7.00	5.49
17	BARSINGHAR LTPS(250/250)	54.00	54.00	53.28
18	RAJWEST (1080/1080)	201.00	201.00	185.52
	TOTAL (A) : 1-18	1370.46	1375.94	1339.59
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	25.10	24.07	25.23
b)	DEHAR (198/ 990)	6.92	6.44	6.84
c)	PONG (231.66/396)	29.36	30.34	29.48
	TOTAL : a TO c	61.38	60.85	61.55
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	57.78	56.01	56.01
e)	RIHAND (310.24/3000)	123.23	123.26	123.26
f)	UNCHAHAHAR-I(20/420)	5.74	6.44	9.43
g)	UNCHAHAHAR-II& III(61/630)	15.31	15.59	16.93
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.14	15.98	14.33
j)	DADRI GAS (77/830)	3.55	4.07	5.17
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)	10.73	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)	0.84	0.83	0.72
q)	URI (70.37/720)	2.95	2.96	3.17
r)	TANAKPUR (10.86/94)	0.57	0.58	0.58
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.16	1.16	1.18
u)	CHAMERA-III (25.21/231)	0.76	0.76	0.97
v)	DHAULIGANGA (27/280)	1.22	1.22	1.22
w)	DULHASTI (42.42/390)	3.48	3.48	3.48
x)	SEWA (13/120)	0.26	0.30	0.30
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.18	8.08	8.08
z)	TEHRI (75/1000)	4.87	4.87	4.70
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.47	5.58	5.58
ab)	TALA	0.65	0.68	0.68
ac)	MUNDRA UMPP (380/4000)	65.36	68.40	68.40
ad)	SASAN (372/3960)	85.37	83.59	83.59
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.48	26.89	26.41
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	555.67	558.62	562.75
	LOSSES	-36.87	-36.96	-37.23
	NET SCHEDULED	518.80	521.66	525.52
21	BILATERAL (REG.) EXCL. BANKING	4.63	4.63	4.63
22	BANKING	18.45	15.86	15.86
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	128.03	124.90	123.25
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-21.41	-26.89	-26.89
25	INDIAN ENERGY EXCHANGE	56.49	47.09	47.09
	TOTAL(B): (19 TO 25)	704.98	685.59	689.45
	TOTAL GENERATION (A +B) : 1 TO 25			2029.05
	OVER DRAWAL (+)/UNDER DRAWAL (-)			18.52
	GRAND TOTAL	2075.44	2061.53	2047.57
	LAST YEAR	1839.91	2009.97	1900.99

3. SYSTEM PARAMETERS AS ON 30-Nov-17

MAXIMUM DRAWL ON 30-Nov-17	11125 MW at 7.30-7.45 Hrs 49.89 Hz
MINIMUM DRAWL ON 30-Nov-17	6744 MW at 04.00-04.15 Hrs 49.90 Hz
Max U/D of the day	326 MW at 22.15 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	63
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	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
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	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 30-Nov-17	49.97 Hz
Max O/D of the day	510 MW at 8.45HRS. 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	11.27
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	74.51
ABOVE 50.05 HZ	14.22
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	18
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.	1-Dec-17	1-Dec-16	30-Nov-17	30-Nov-17
Gandhi Sagar (Ft.)	1312	1250	NA	1310.57	5880	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.62	1144.00	10261	23649
Jawahar Sagar (Ft.)	980	970.4	975.90	976.60	7996	2273
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1654.61	1623.95	15369	6969
Dehar (Ft.)	2941	2900	2921.65	2920.14	1854	1917
Pong(Ft.)	1421	1260	1359.38	1350.96	11000	1866
Mahi-I (Mts.)	281.5	259	280.00	280.45	2954	NIL
Mahi-II (Mts.)	220.5	217	217.25	217.55	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
1/Dec/17	KTPS	44042	2 days
	STPS	62733	2.5 days
	CHHABRA	43816	6 days
	KALISINDH	51628	3.5 days

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

1/Dec/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 RVNLI 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 RVNLI ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)	
Total/A ISTATE 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	
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/A/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-Jan-16	15.27	15-Dec-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	1-Dec-17	INSUFFICIENT COAL STOCK	
RAMGARH	GT92	37.50	29	7.00	29	28-Oct-17	4.50	1-Dec-17	DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLOR CLEANING BY GAIL	
RAJWEST	7	135.00	120	28.68	120	22-Nov-17	19.16	1-Dec-17	GENERATOR ELECTRICAL PROTECTION FAILURE	
KTPS	5	210.00	192	0.00	0	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	1-Dec-17	BOILER TUBE LEAKAGE	
KALISINDH	1	600.00	475	136.00	475	29-Nov-17	11.53	1-Dec-17	BOILER TUBE LEAKAGE	
STPS	6	250.00	229	0.00	0	29-Nov-17	1.17	30-Nov-17	4.31	FLAM FAILURE
STPS	5	250.00	229	0.00	0	30-Nov-17	6.52	30-Nov-17	13.22	REASON AWAITED
KTPS	5	210.00	192	46.00	192	30-Nov-17	6.06			FLAM FAILURE
Total/B ISTATE SECTOR-FORCED OUTAGE		3077.50	2611.00	514.48	1961.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH	
ISTPP/JHAJHARI	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				552.58	2119.00					

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 (\$).