



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

<b>Power Position 28-Nov-17</b>	<b>Point No.</b>
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										
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	<b>2115.84</b>	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	<b>99.80</b>	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	<b>2021.50</b>	2145.85	1927.33	43.41	18.27	10111	9522	49.96	42.99
10-Nov-17	2030.51	2018.59	<b>2153.37</b>	<b>1950.22</b>	16.28	24.03	<b>11092</b>	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	<b>39.58</b>	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	<b>194.97</b>
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	<b>9902</b>	49.97	13.80
26-Nov-17	2106.51	1966.86	1982.54	1893.86	20.84	12.20	10744.00	9685	<b>50.00</b>	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								
29-Nov-17										
30-Nov-17										
1-Dec-17										
1-NOV-17	2009.41	1940.92								
MAXIMUM OF THE MONTH	<b>2115.84</b>	<b>2021.50</b>	<b>2153.37</b>	<b>1950.22</b>	<b>99.80</b>	<b>39.58</b>	<b>11092.00</b>	<b>9902.00</b>	<b>50.00</b>	<b>194.97</b>
MIN OF THE MONTH	<b>1877.40</b>	<b>1785.99</b>	<b>1907.87</b>	<b>1792.40</b>	<b>-6.32</b>	<b>8.20</b>	<b>9814.00</b>	<b>8473.00</b>	<b>49.90</b>	<b>13.80</b>
AVERAGE	<b>2008.23</b>	<b>1934.70</b>	<b>2037.17</b>	<b>1888.88</b>	<b>26.51</b>	<b>23.45</b>	<b>10394.64</b>	<b>9284.40</b>	<b>49.96</b>	<b>68.53</b>

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
		27-Nov-17		
1	KTPS (1240/1240)	223.00	223.00	200.95
2	STPS (1500/1500)	110.00	55.00	55.35
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	33.34
4	RAMGARH (273.5/273.5)	44.00	44.00	42.74
5	RAPP-A(200/200)	42.00	42.00	42.63
6	MAHI (140/140)	0.00	0.00	8.72
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	43.99
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	221.00	244.49
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	404.28	402.43	365.23
11	WIND FARM (3980.40/4119.15)	14.75	12.60	18.62
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.50
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	5.44	-1.08	-3.06
16	BIOMASS – (101.95/119.25)	6.00	8.00	6.23
17	BARSINGHAR LTPS(250/250)	54.00	54.00	53.57
18	RAJWEST (1080/1080)	201.00	201.00	184.66
	<b>TOTAL (A) : 1-18</b>	<b>1364.09</b>	<b>1300.57</b>	<b>1298.95</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	21.82	21.72	21.83
b)	DEHAR (198/ 990)	8.34	8.34	7.84
c)	PONG (231.66/396)	25.40	21.40	24.92
	<b>TOTAL : a TO c</b>	<b>55.55</b>	<b>51.47</b>	<b>54.59</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	49.85	48.60	48.60
e)	RIHAND (310.24/3000)	112.33	113.82	115.69
f)	UNCHAHAHAR-I(20/420)	14.80	3.53	3.46
g)	UNCHAHAHAR-II& III(61/630)	24.13	20.14	16.34
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	16.43	22.18	16.25
j)	DADRI GAS (77/830)	9.20	3.37	5.16
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)	9.89	9.86	9.86
n)	RAPP-B (125/440)	34.61	34.61	34.61
o)	RAPP-C (88/440)	19.62	20.48	20.48
p)	SALAL (20.36/690)	0.84	0.84	0.76
q)	URI (70.37/720)	3.18	3.07	3.10
r)	TANAKPUR (10.86/94)	0.72	0.63	0.63
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.35	1.16	1.47
u)	CHAMERA-III (25.21/231)	0.76	0.85	1.00
v)	DHAULIGANGA (27/280)	1.20	1.22	1.22
w)	DULHASTI (42.42/390)	3.48	3.81	3.81
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.09	8.09	8.75
z)	TEHRI (75/1000)	4.87	4.87	4.90
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.95	2.68	5.14
ab)	TALA	0.68	0.68	0.68
ac)	MUNDRA UMPP (380/4000)	72.96	67.54	67.54
ad)	SASAN (372/3960)	88.68	86.37	86.37
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.53	26.29	25.60
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	568.10	539.57	539.43
	LOSSES	-34.91	-33.23	-35.58
	NET SCHEDULED	<b>533.19</b>	<b>506.34</b>	<b>503.85</b>
21	BILATERAL (REG.) EXCL. BANKING	4.63	4.86	4.86
22	BANKING	15.86	12.49	15.86
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	117.70	171.84	172.36
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-5.44	1.08	3.06
25	INDIAN ENERGY EXCHANGE	40.40	-11.91	-11.91
	<b>TOTAL(B): (19 TO 25)</b>	<b>706.33</b>	<b>685.22</b>	<b>688.08</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1987.03</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			24.55
	<b>GRAND TOTAL</b>	<b>2070.42</b>	<b>1985.79</b>	<b>2011.58</b>
	LAST YEAR	1911.13	1648.86	1874.45

## 3. SYSTEM PARAMETERS AS ON 27-Nov-17

MAXIMUM DRAWL ON 27-Nov-17	10899 MW at 07.30-07.45 Hrs 49.98 Hz
MINIMUM DRAWL ON 27-Nov-17	6520 MW at 04.00-04.15 Hrs 49.95 Hz
Max U/D of the day	252 MW at 13.00-13.15 HRS. 50.04 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	10
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	61
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	22
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	2
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 27-Nov-17	49.96 Hz
Max O/D of the day	483 MW at 10.15-10.30HRS. 49.92 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	18.11
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	72.08
ABOVE 50.05 HZ	9.81
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.	28-Nov-17	28-Nov-16		
Gandhi Sagar (Ft.)	1312	1250	1297.04	1310.17	5880	494
R.P.Sagar (Ft.)	1157.5	1128	1136.29	1144.17	10261	6135
Jawahar Sagar (Ft.)	980	970.4	977.30	976.00	7996	13768
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1655.93	1625.63	12773	7054
Dehar (Ft.)	2941	2900	2919.29	2919.29	2130	2174
Pong(Ft.)	1421	1260	1360.50	1351.55	9404	1522
Mahi-I (Mts.)	281.5	259	280.20	280.65	2954	NIL
Mahi-II (Mts.)	220.5	217	217.30	216.90	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
28/Nov/17	KTPS	35338	2 DAYS
	STPS	76926	3 DAYS
	CHHABRA	19125	2.5 DAYS
	KALISINDH	32008	2.5 DAYS

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

28/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	HRSG#2*	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	GT#2*	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		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	0.00	0	26-Nov-17	12.22	27-Nov-17	18.40	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1540.00	1365.00	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	
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										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		DATE	TIME	DATE	TIME	REASON OF OUTAGE	
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	28-Nov-17	INSUFFICIENT COAL STOCK	
RAMGARH	GT#2	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 REVOLTOR CLEANING BY GAIL	
RAJWEST	7	135.00	120	28.68	120	22-Nov-17	19.16	28-Nov-17	GENERATOR ELECTRICAL PROTECTION FAILURE	
KTPS	5	210.00	192	46.00	192	26-Nov-17	15.37		LOSS OF ALL FUEL	
CHABRA	1	250.00	225	0.00	0	27-Nov-17	10.10	27-Nov-17	12.10	LOW VACUUME
Total(B) STATE SECTOR-FORCED OUTAGE		1417.50	1236.00	242.48	1011.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH	
STPP(JHAIAR)	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					

## (B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)		DATE	TIME	DATE	TIME	REASON OF OUTAGE	
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	28-Nov-17	INSUFFICIENT COAL STOCK	
RAMGARH	GT#2	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 REVOLTOR CLEANING BY GAIL	
RAJWEST	7	135.00	120	28.68	120	22-Nov-17	19.16	28-Nov-17	GENERATOR ELECTRICAL PROTECTION FAILURE	
KTPS	5	210.00	192	46.00	192	26-Nov-17	15.37		LOSS OF ALL FUEL	
CHABRA	1	250.00	225	0.00	0	27-Nov-17	10.10	27-Nov-17	12.10	LOW VACUUME
Total(B) STATE SECTOR-FORCED OUTAGE		1417.50	1236.00	242.48	1011.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40		FURNISH PRESSURE HIGH	
STPP(JHAIAR)	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 (\$).