



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

Power Position 19-Nov-18	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.- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
Nov-18										
01-Nov-18	2434.83	2009.41	2290.35	1998.02	16.06	34.81	11339	10042	49.98	50.32
02-Nov-18	2377.67	1965.07	2286.01	2032.70	18.96	39.51	11458	9814	49.97	53.53
03-Nov-18	2388.38	2115.83	2270.65	2077.30	45.25	4.73	11365	10315	49.95	75.54
04-Nov-18	2412.21	2027.68	2230.22	2071.16	-1.82	5.66	11059	10325	49.96	168.99
05-Nov-18	2416.17	2112.90	2195.33	2030.42	-22.34	18.60	10806	10314	49.96	109.21
06-Nov-18	2417.21	2085.27	2157.30	2083.96	1.86	-3.94	11037	10468	50.00	74.83
07-Nov-18	2396.24	1983.73	1994.84	2067.98	-8.21	28.29	10270	10156	50.01	30.71
08-Nov-18	2434.56	1911.17	1925.54	2100.53	15.84	49.30	10090	10056	49.99	32.53
09-Nov-18	2353.93	1960.09	2051.12	2145.85	0.99	43.41	10569	10111	49.97	29.24
10-Nov-18	2333.80	2030.51	2159.74	2153.37	10.30	16.28	10918	11092	49.96	30.47
11-Nov-18	2323.49	2028.14	2180.05	2104.12	13.40	5.44	11145	10937	49.97	42.21
12-Nov-18	2396.06	2038.67	2227.98	2053.30	25.68	15.96	11290	10542	49.97	63.82
13-Nov-18	2485.66	2026.23	2270.92	2041.16	33.95	31.74	11585	10414	49.97	64.04
14-Nov-18	2449.48	2031.48	2302.43	2066.46	14.90	23.25	11587	10495	49.96	63.25
15-Nov-18	2455.89	2026.35	2331.69	2067.59	8.56	40.24	11575	10684	49.96	74.32
16-Nov-18	2373.55	2051.38	2305.36	2083.60	0.08	0.32	11611	10657	49.98	64.64
17-Nov-18	2448.20	2092.52	2303.79	2033.38	16.19	-6.32	11651	10501	49.96	28.60
18-Nov-18	2405.59	1993.44	2263.10	1907.87	8.89	2.13	11353	10148	49.97	69.01
19-Nov-18	2544.98	1877.40								
20-Nov-18										
21-Nov-18										
22-Nov-18										
23-Nov-18										
24-Nov-18										
25-Nov-18										
26-Nov-18										
27-Nov-18										
28-Nov-18										
29-Nov-18										
30-Nov-18										
MAXIMUM OF THE MONTH	2544.98	2115.83	2331.69	2153.37	45.25	49.30	11651.00	11092.00	50.01	168.99
MIN OF THE MONTH	2323.49	1877.40	1925.54	1907.87	-22.34	-6.32	10090.00	9814.00	49.95	28.60
AVERAGE	2413.05	2019.33	2208.13	2062.15	11.03	19.41	11150.44	10392.83	49.97	62.51

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)

2549.75

05-Jun-18

MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)

11698

(08.15-08.30Hrs.)

05-Jun-18

MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD DURING THE FY 2017-18 (MW)

11564

(08.00-8.15Hrs.)

13-Jan-18

MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)

565.54

13-Jun-18

MAX.WIND DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (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									
											16-Nov-18			17-Nov-18			18-Nov-18		
1	KTPS (1240/1240)	246.00	157.00	147.78	246.00	246.00	212.76	246.00	246.00	215.12									
2	STPS (1500/1500)	328.00	220.00	216.46	328.00	328.00	270.47	275.00	328.00	258.86									
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
4	RAMGARH (273.5/273.5)	20.00	20.00	18.78	19.00	20.00	18.74	22.00	19.00	18.71									
5	RAPP-A(200/200)	43.00	43.00	37.48	43.00	43.00	37.55	43.00	43.00	37.56									
6	MAHI (140/140)	0.00	0.00	7.56	0.00	0.00	5.96	0.00	0.00	6.60									
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	39.76	39.00	39.00	45.01	39.00	39.00	34.75									
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)+CSCTPP (660/660)	354.00	354.00	346.40	354.00	354.00	348.68	354.00	354.00	332.68									
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	279.00	423.00	336.06	283.00	279.00	252.36	423.00	283.00	257.03									
11	WIND FARM (4139.20/4292.95)	56.00	28.00	64.64	32.75	56.00	28.60	83.00	32.75	69.01									
12	SOLAR POWER(1661.70/2250.16)	136.25	104.13	131.40	131.40	136.25	147.17	147.17	131.40	137.15									
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	23.82	0.00	0.00	23.96	0.00	0.00	23.72									
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
16	BIOMASS – (101.95/119.25)	6.00	7.00	6.40	6.00	6.00	5.83	6.00	6.00	6.01									
17	BARSHINGHAR LTPS(250/250)	52.00	52.00	50.01	52.00	52.00	51.64	52.00	52.00	52.37									
18	RAJWEST (1080/1080)	172.00	172.00	153.16	172.00	172.00	159.86	172.00	172.00	159.94									
	TOTAL (A) : 1-18	1731.25	1619.13	1579.71	1706.15	1731.25	1608.59	1862.17	1706.15	1609.51									
19	BBMB COMPLEX																		
a)	BHAKRA(230.79/1516.3)	15.83	15.77	15.72	16.17	15.83	16.28	15.98	16.17	16.28									
b)	DEHAR (198/ 990)	10.48	10.71	13.12	8.04	10.48	10.56	9.80	8.04	8.43									
c)	PONG (231.66/396)	34.94	33.76	33.76	24.61	34.94	28.00	24.63	24.61	25.34									
	TOTAL : a TO c	61.25	60.24	62.59	48.83	61.25	54.84	50.41	48.83	50.06									
20	CENTRAL STATIONS																		
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	97.40	97.20	97.20	98.19	97.40	97.40	90.93	98.19	95.62									
e)	RIHAND (310.24/3000)	123.11	122.37	122.37	123.11	123.11	123.11	119.77	123.11	120.31									
f)	UNCHAHAAR-I(20/420)	6.15	5.92	4.85	5.98	6.15	4.33	5.14	5.98	4.41									
g)	UNCHAHAAR-II& III & IV(135.09/1130)	20.61	21.61	17.87	20.75	20.61	13.17	17.93	20.75	14.64									
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	16.57	16.61	9.99	14.64	16.57	8.51	13.77	14.64	6.13									
j)	DADRI GAS (77/830)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
k)	ANTA (83.07/419)	14.48	15.20	12.27	13.47	14.48	13.23	11.74	13.47	10.55									
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)	9.21	9.19	9.19	9.33	9.21	9.21	9.26	9.33	9.33									
n)	RAPP-B (125/440)	15.87	15.87	15.87	16.03	15.87	15.87	15.86	16.03	16.03									
o)	RAPP-C (88/440)	19.37	19.23	19.23	19.37	19.37	19.37	19.24	19.37	19.37									
p)	SALAL (20.36/690)	1.04	1.08	1.17	1.06	1.04	1.13	1.08	1.06	1.14									
q)	URI (70.37/720)	10.74	10.97	11.08	10.23	10.74	10.11	9.84	10.23	9.87									
r)	TANAKPUR (10.86/94)	1.06	1.02	1.07	1.10	1.06	1.03	1.09	1.10	1.10									
s)	CHAMERA –I (105.84/540)	6.60	6.60	6.60	6.03	6.60	6.60	5.99	6.03	6.03									
t)	CHAMERA-II (29.01/300)	1.97	1.95	2.05	2.00	1.97	1.94	2.08	2.00	2.09									
u)	CHAMERA-III (25.21/231)	1.26	1.57	1.42	1.26	1.26	1.54	1.46	1.26	1.59									
v)	DHAULIGANGA (27/280)	1.41	1.41	1.48	1.30	1.41	1.52	1.39	1.30	1.37									
w)	DULHASTI (42.42/390)	5.01	5.12	4.98	5.01	5.01	4.81	4.77	5.01	4.74									
x)	SEWA (13/120)	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.73									
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.84	9.02	9.02	8.92	8.84	8.93	8.86	8.92	9.10									
z)	TEHRI (75/1000)	4.95	4.95	4.95	4.95	4.95	4.95	4.92	4.95	4.91									
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.77	6.25	6.25	6.45	6.77	6.91	6.47	6.45	6.39									
ab)	TALA	0.58	0.57	0.52	0.65	0.58	0.52	0.65	0.65	0.62									
ac)	MUNDRA UMPP (380/4000)	52.45	61.22	61.22	65.71	52.45	61.69	72.75	65.71	68.33									
ad)	SASAN (372/3960)	84.41	84.41	84.41	69.86	84.41	78.68	69.65	69.86	69.86									
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.18	26.61	27.19	26.36	27.18	26.90	24.06	26.36	26.36									
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)	598.91	606.82	595.46	581.22	598.91	576.92	569.72	581.22	560.68									
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01									
	NET SCHEDULED	598.91	606.82	595.46	581.22	598.91	576.92	569.72	581.22	560.67									
21	BILATERAL (REG.) EXCL. BANKING	5.19	5.19	5.19	5.19	5.19	5.19	5.16	5.19	5.19									
22	BANKING	4.87	4.87	4.87	4.87	4.87	4.87	0.00	4.87	4.87									
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.85	120.71	115.85	115.79	120.71	115.85	115.00	120.65	115.79									
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-17.49	0.00	0.00	-15.95	0.00	0.00	-34.19									
25	INDIAN ENERGY EXCHANGE	-7.87	21.69	21.69	-7.62	-7.87	-7.87	-7.12	-7.62	-7.62									
	TOTAL(B): (19 TO 25)	716.95	754.42	725.57	699.44	716.95	679.01	682.81	699.44	644.70									
	TOTAL GENERATION (A + B) : 1 TO 25			2305.28			2287.60			2254.21									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.08			16.19			8.89									
	GRAND TOTAL	2448.20	2373.55	2305.36	2405.59	2448.20	2303.79	2544.98	2405.59	2263.10									
	LAST YEAR	2092.52	2051.38	2083.60	1993.44	2092.52	2033.38	1877.40	1993.44	1907.87									

3. SYSTEM PARAMETERS AS ON 18-Nov-18

MAXIMUM DRAWL ON 18-Nov-18	11353 MW at 09.30-09.45 Hrs 49.97 HZ
MINIMUM DRAWL ON 18-Nov-18	7272 MW at 04.00-04.15 Hrs 49.98 HZ
Max U/D of the day	522 MW at 23.00-23.15 Hrs 49.91HZ
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	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	66
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
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	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	5
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 18-Nov-18	49.97 Hz
Max O/D of the day	737 MW at 21.30-21.45 Hrs 50.02 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	12.70
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.00
ABOVE 50.05 HZ	5.30
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.	19-Nov-18	19-Nov-17		
Gandhi Sagar (Ft.)	1312	1250	1286.59	1298.52	NIL	230
R.P.Sagar (Ft.)	1157.5	1128	1141.00	#REF!	10062	10062
Jawahar Sagar (Ft.)	980	970.4	975.10	974.40	8370	10872
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1666.92	NA	8903	7541
Dehar (Ft.)	2941	2900	2929.33	NA	2457	3359
Pong(Ft.)	1421	1260	1379.75	NA	9004	2917
Mahi-I (Mts.)	281.5	259	NA	281.10	NA	NA
Mahi-II (Mts.)	220.5	217	NA	217.30	NA	NA

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
19-Nov-18	KTPS	360365	18 DAYS
	STPS	184581	7 DAYS
	CHHABRA	100119	13.5 DAYS
	KALISINDH	160012	11.5 DAYS

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

19-Nov-18

(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)	
RAMGARH	GT#2	37.50	29	7.00	29	23-Sep-18	1.10		NON AVAILABILITY OF SUFFICIENT GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP	
Total(A)-STATE SECTOR-PLANNED OUTAGE		542.50	439.00	105.40	439.00					
CENTRAL SECTOR										
RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57		ANNUAL MAINTENANCE	
AURAIYA-GPS	2	111.19	18	4.40	18	05-Nov-18	23.54		RESERVE SHUTDOWN	
DABRI-GPS	5	154.51	16	3.90	16	07-Nov-18	21.18		RESERVE SHUTDOWN	
DABRI-GPS	4	130.19	22	5.30	22	12-Nov-18	23.06		RESERVE SHUTDOWN	
AURAIYA-GPS	5	109.30	12	2.90	12	13-Nov-18	23.06		RESERVE SHUTDOWN	
AURAIYA-GPS	1	111.19	12	2.90	12	13-Nov-18	9.28		RESERVE SHUTDOWN	
AURAIYA-GPS	4	111.19	12	2.90	12	13-Nov-18	9.36		RESERVE SHUTDOWN	
AURAIYA-GPS	6	109.30	12	2.90	12	13-Nov-18	10.03		RESERVE SHUTDOWN	
AURAIYA-GPS	3	111.19	12	2.90	12	13-Nov-18	10.28		RESERVE SHUTDOWN	
DABRI-GPS	2	130.19	16	3.90	16	13-Nov-18	10.23		RESERVE SHUTDOWN	
DABRI-GPS	6	154.51	16	3.90	16	13-Nov-18	10.38		RESERVE SHUTDOWN	
DABRI-GPS	3	130.19	16	3.90	16	13-Nov-18	11.10		RESERVE SHUTDOWN	
DABRI-GPS	1	130.19	16	3.90	16	13-Nov-18	12.18		RESERVE SHUTDOWN	
DABRI-GPS	5	154.51	16	3.90	16	13-Nov-18	10.26		RESERVE SHUTDOWN	
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1867.65	258.80	62.67	258.80					
(B) FORCE OUTAGE										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1	
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31		DUE TO GENERATOR TRF TRIP	
KTPS	1	110.00	100	23.00	100	31-May-18	17.25		DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER	
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57		BED MATERIAL LEAKAGE	
RAJWEST	4	135.00	120	0.00	0	15-Nov-18	22.46	19-Nov-18	0.03	HEAVY BED MATERIAL LEAKAGE
ADANI	2	660.00	600	0.00	0	16-Nov-18	14.15	19-Nov-18	1.31	HOT END SECONDORY AIR DUCT BELLOW LEAKAGE
STPS	4	250.00	229	55.00	229	18-Nov-18	20.45		SHUTDOWN DUE TO BOILER PROBLEM	
CTPP	1	250.00	225	0.00	0	18-Nov-18	21.27	19-Nov-18	0.20	DUE TO GENERATOR BEARING TEMP. VERY HIGH TRIP
RAJWEST	1	135.00	120	28.68	120	19-Nov-18	3.50		BED MATERIAL LEAKAGE	
Total(B)-STATE SECTOR-FORCED OUTAGE		1765.00	1574.00	287.76	855.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNANCE PRESSURE HIGH	
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		500.00	0.00	0.00	0.00					
G.TOTAL				287.76	855.00					

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 (\$).