



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

Power Position 06-Nov-18		Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency		1
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Position of Coal Stock at KTPS,STPS & CHHABRA		5
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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		
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								
07-Nov-18										
08-Nov-18										
09-Nov-18										
10-Nov-18										
11-Nov-18										
12-Nov-18										
13-Nov-18										
14-Nov-18										
15-Nov-18										
16-Nov-18										
17-Nov-18										
18-Nov-18										
19-Nov-18										
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	2434.83	2115.83	2290.35	2077.30	45.25	39.51	11458.00	10325.00	49.98	168.99
MIN OF THE MONTH	2377.67	1965.07	2195.33	1998.02	-22.34	4.73	10806.00	9814.00	49.95	50.32
AVERAGE	2407.75	2052.69	2254.51	2041.92	11.22	20.66	11205.40	10162.00	49.96	91.52

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 Dav	Prior assessment of Avail.	Actual Energy Received
		5-Nov-18		
1	KTPS (1240/1240)	246.00	246.00	200.74
2	STPS (1500/1500)	328.00	328.00	260.71
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	22.00	22.00	21.99
5	RAPP-A(200/200)	43.00	43.00	36.41
6	MAHI (140/140)	0.00	0.00	1.91
7	CHAMBAL (RPS+JS) (135.5/271)	37.50	37.50	31.31
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	355.00	355.00	339.64
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	423.00	288.00	240.67
11	WIND FARM (4139.20/4292.95)	65.00	43.25	109.21
12	SOLAR POWER(1661.70/2250.16)	142.03	114.51	152.50
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.68
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.75
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.14
18	RAJWEST (1080/1080)	172.00	172.00	107.44
	TOTAL (A) : 1-18	1865.53	1681.26	1558.10
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	20.48	20.47	20.44
b)	DEHAR (198/ 990)	12.81	15.07	15.52
c)	PONG (231.66/396)	32.20	29.39	29.82
	TOTAL : a TO c	65.50	64.94	65.78
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	98.19	98.59	98.19
e)	RIHAND (310.24/3000)	116.95	100.59	100.86
f)	UNCHAHAAR-I(20/420)	5.41	5.40	1.87
g)	UNCHAHAAR-II& III & IV(135.09/1130)	19.49	19.55	6.10
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	12.82	11.47	1.92
j)	DADRI GAS (77/830)	0.48	0.00	0.00
k)	ANTA (83.07/419)	1.02	0.00	0.00
l)	AURAIYA (61.03/663)	0.61	1.90	1.05
m)	NAPP (44/440)	9.19	9.18	9.14
n)	RAPP-B (125/440)	16.11	16.10	16.03
o)	RAPP-C (88/440)	19.18	19.26	19.18
p)	SALAL (20.36/690)	1.28	1.21	1.54
q)	URI (70.37/720)	7.58	7.23	9.81
r)	TANAKPUR (10.86/94)	1.47	1.47	1.33
s)	CHAMERA –I (105.84/540)	7.54	7.95	7.54
t)	CHAMERA-II (29.01/300)	2.55	3.77	2.80
u)	CHAMERA-III (25.21/231)	1.68	1.58	2.03
v)	DHAULIGANGA (27/280)	1.86	1.77	2.01
w)	DULHASTI (42.42/390)	5.64	5.66	5.80
x)	SEWA (13/120)	1.98	2.29	2.28
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.13	10.17	10.40
z)	TEHRI (75/1000)	5.02	5.05	5.02
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	7.76	7.52	7.52
ab)	TALA	0.63	0.62	0.62
ac)	MUNDRA UMPP (380/4000)	62.11	56.71	55.31
ad)	SASAN (372/3960)	77.25	84.62	84.44
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.34	21.52	19.10
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	587.79	566.12	537.68
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	587.79	567.86	537.68
21	BILATERAL (REG.) EXCL. BANKING	5.66	5.92	5.90
22	BANKING	7.30	7.32	7.30
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	116.13	123.69	116.13
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-44.88
25	INDIAN ENERGY EXCHANGE	-165.21	37.44	37.44
	TOTAL(B): (19 TO 25)	551.68	734.91	659.57
	TOTAL GENERATION (A +B) : 1 TO 25			2217.67
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-22.34
	GRAND TOTAL	2417.21	2416.17	2195.33
	LAST YEAR	2085.27	2112.90	2030.42

3. SYSTEM PARAMETERS AS ON 05-Nov-18

MAXIMUM DRAWL ON 05-Nov-18	10806 MW at 09.15-09.30 Hrs 49.85 HZ
MINIMUM DRAWL ON 05-Nov-18	6876 MW at 04.00-04.15 Hrs 49.93 HZ
Max U/D of the day	598 MW at 05.00-05.15Hrs 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	10
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	7
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	12
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	15
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
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	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	5-Nov-18 49.96 Hz
Max O/D of the day	532 MW at 09.15-09.30 Hrs 49.85 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	15.50
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.40
ABOVE 50.05 HZ	5.10
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.	6-Nov-18	6-Nov-17		
Gandhi Sagar (Ft.)	1312	1250	1287.94	1300.44	NA	180
R.P.Sagar (Ft.)	1157.5	1128	1143.93	#REF!	9879	4816
Jawahar Sagar (Ft.)	980	970.4	973.10	976.20	7290	8515
Kota Barrage(Ft.)	854.5	852.3	854.30	854.50		
RMC					6150	
LMC					1000	
Bhakra(Ft.)	1690	1462	1667.75	1662.72	11443	10470
Dehar (Ft.)	2941	2900	2922.50	2919.55	3810	3732
Pong(Ft.)	1421	1260	1383.34	1366.55	11502	2280
Mahi-I (Mts.)	281.5	259	280.90	281.35	NA	NA
Mahi-II (Mts.)	220.5	217	217.50	219.40	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
6-Nov-18	KTPS	251559	12.5 DAYS
	STPS	78548	3 DAYS
	CHHABRA	78873	10.5 DAYS
	KALISINDH	179550	13 DAYS

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

6-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	0.00	0	02-Nov-18	23.53	05-Nov-18	14.04	RESERVE SHUT DOWN
DADRI GPS	4	130.19	22	0.00	0	03-Nov-18	0.04	05-Nov-18	18.02	RESERVE SHUT DOWN
ANTA GPS	2	88.71	31	0.00	0	03-Nov-18	0.12	05-Nov-18	18.28	RESERVE SHUT DOWN
AURAIYA GPS	3	111.19	18	0.00	0	03-Nov-18	0.23	05-Nov-18	15.04	RESERVE SHUT DOWN
DADRI GPS	1	130.19	22	0.00	0	03-Nov-18	0.24	05-Nov-18	14.07	RESERVE SHUT DOWN
AURAIYA GPS	6	109.20	12	0.00	0	03-Nov-18	22.24	05-Nov-18	17.35	RESERVE SHUT DOWN
AURAIYA GPS	4	111.19	18	0.00	0	03-Nov-18	22.33	05-Nov-18	17.46	RESERVE SHUT DOWN
ANTA GPS	3	88.71	31	0.00	0	03-Nov-18	22.41	05-Nov-18	20.07	RESERVE SHUT DOWN
DADRI GPS	5	154.51	16	0.00	0	03-Nov-18	22.42	05-Nov-18	17.08	RESERVE SHUT DOWN
ANTA GPS	4	153.20	34	0.00	0	03-Nov-18	22.46	05-Nov-18	17.40	RESERVE SHUT DOWN
DADRI GPS	2	130.19	22	0.00	0	03-Nov-18	22.51	05-Nov-18	16.43	RESERVE SHUT DOWN
DADRI GPS	6	154.51	16	0.00	0	03-Nov-18	23.10	05-Nov-18	20.27	RESERVE SHUT DOWN
ANTA GPS	1	88.71	31	0.00	0	03-Nov-18	23.11	05-Nov-18	15.25	RESERVE SHUT DOWN
DADRI GPS	3	130.19	22	0.00	0	03-Nov-18	23.16	05-Nov-18	15.54	RESERVE SHUT DOWN
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		1911.98	375.80	15.07	62.80					
(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-I
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
BARSINGSAR	1	125.00	110	26.40	110	27-Oct-18	10.00			MANUALLY TRIP DUE TO REFRACTORY FAILURE
RAJWEST	8	135.00	120	28.68	120	02-Nov-18	18.39			BED MATERIAL LEAKAGE
KALISINDH	1	600.00	565	0.00	0	03-Nov-18	6.21	05-Nov-18	20.02	BTL
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57			BED MATERIAL LEAKAGE
KALISINDH	1	600.00	565	0.00	0	03-Nov-18	20.13	05-Nov-18	22.05	suspected BTL
Total(B)STATE SECTOR-FORCED OUTAGE		2420.00	2214.00	259.16	1085.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNACE PRESSURE HIGH
RHAND	5	500.00	75	0.00	0	23-Sep-18	1.30	05-Nov-18	21.35	BOILER TUBE LEAKAGE
DADRI-II TH	2	490.00	15	0.00	0	30-Oct-18	12.10	04-Nov-18	18.36	TRIPPED DUE TO GENERATOR TRANSFORMER PROTECTION OPERATED
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1490.00	90.00	0.00	0.00					
G.TOTAL				259.16	1085.00					

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 (\$).