



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

Power Position 03-Oct-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. -oct.- 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		
01-Oct-18	2281.15	2052.07	2115.71	1961.10	1.59	24.09	9944	9517	49.96	92.97
02-Oct-18	2300.80	1955.18	2115.98	2012.63	24.71	39.62	10108	9252	49.99	136.74
03-Oct-18	2347.63	1952.76								
04-Oct-18										
05-Oct-18										
06-Oct-18										
07-Oct-18										
08-Oct-18										
09-Oct-18										
10-Oct-18										
11-Oct-18										
12-Oct-18										
13-Oct-18										
14-Oct-18										
15-Oct-18										
16-Oct-18										
17-Oct-18										
18-Oct-18										
19-Oct-18										
20-Oct-18										
21-Oct-18										
22-Oct-18										
23-Oct-18										
24-Oct-18										
25-Oct-18										
26-Oct-18										
27-Oct-18										
28-Oct-18										
29-Oct-18										
30-Oct-18										
31-Oct-18										
01-Nov-18										
MAXIMUM OF THE MONTH	2347.63	2052.07	2115.98	2012.63	24.71	39.62	10108.00	9517.00	49.99	136.74
MIN OF THE MONTH	2281.15	1952.76	2115.71	1961.10	1.59	24.09	9944.00	9252.00	49.96	92.97
AVERAGE	2309.86	1986.67	2115.85	1986.87	13.15	31.86	10026.00	9384.50	49.98	114.86

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 31.03.2018 (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
		1-Oct-18			2-Oct-18		
1	KTPS (1240/1240)	246.00	204.00	190.58	246.00	246.00	199.53
2	STPS (1500/1500)	328.00	330.00	268.96	328.00	328.00	258.49
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	35.00	30.00	29.85	31.00	35.00	29.52
5	RAPP-A(200/200)	42.00	36.00	34.88	42.00	42.00	36.30
6	MAHI (140/140)	0.00	0.00	0.00	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00	0.00	0.00	1.24
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	294.00	299.00	283.65	348.00	294.00	275.58
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	395.86	420.00	422.00	372.39
11	WIND FARM (4137.20/4290.95)	84.75	95.50	92.97	92.50	84.75	136.74
12	SOLAR POWER(1656.70/2246.21)	134.81	120.03	138.81	138.81	134.81	138.27
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	4.00	2.89	3.00	3.00	2.85
17	BARSINGHSAR LTPS(250/250)	26.00	0.00	5.56	26.00	26.00	24.49
18	RAJWEST (1080/1080)	201.00	201.00	193.92	201.00	201.00	197.74
	TOTAL (A) : 1-18	1816.56	1741.53	1637.93	1876.31	1816.56	1673.14
19	BBMB COMPLEX						
	a) BHAKRA(230.79/1516.3)	16.21	16.32	16.32	17.71	16.21	17.35
	b) DEHAR (198/ 990)	26.83	26.98	27.00	27.16	26.83	26.88
	c) PONG (231.66/396)	43.71	43.71	43.71	43.71	43.71	43.44
	TOTAL : a TO c	86.76	87.01	87.04	88.58	86.76	87.67
20	CENTRAL STATIONS						
	d) SINGRAULI (300/ 2000)	95.45	95.45	95.45	95.45	95.45	95.86
	e) RIHAND (310.24/3000)	92.40	92.40	92.40	92.40	92.40	92.76
	f) UNCHAHAR-I(20/420)	4.23	6.42	4.99	4.15	4.23	1.52
	g) UNCHAHAR-II& III & IV(135.09/1130)	18.11	25.56	19.99	15.13	18.11	5.42
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.75	11.28	1.92	11.19	13.75	0.53
	j) DADRI GAS (77/830)	2.03	2.39	1.91	1.63	2.03	1.90
	k) ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00
	m) NAPP (44/440)	8.86	8.84	8.84	8.86	8.86	8.86
	n) RAPP-B (125/440)	31.40	31.32	31.32	31.15	31.40	31.40
	o) RAPP-C (88/440)	9.34	9.29	9.29	9.34	9.34	9.34
	p) SALAL (20.36/690)	1.65	2.24	2.23	1.91	1.65	2.01
	q) URI (70.37/720)	8.17	8.02	7.24	7.70	8.17	7.42
	r) TANAKPUR (10.86/94)	2.48	2.50	2.47	2.44	2.48	2.48
	s) CHAMERA –I (105.84/540)	24.14	24.14	24.14	20.78	24.14	24.14
	t) CHAMERA-II (29.01/300)	6.62	6.06	5.89	6.23	6.62	5.88
	u) CHAMERA-III (25.21/231)	5.15	4.80	4.54	4.21	5.15	4.36
	v) DHAULIGANGA (27/280)	4.81	3.96	3.96	3.95	4.81	4.01
	w) DULHASTI (42.42/390)	9.70	9.70	9.70	9.70	9.70	9.70
	x) SEWA (13/120)	1.92	1.87	1.87	1.92	1.92	1.92
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	18.42	18.88	18.88	18.43	18.42	18.42
	z) TEHRI (75/1000)	4.99	6.35	5.67	4.02	4.99	4.99
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	11.63	14.60	12.84	11.17	11.63	12.82
	ab) TALA	1.87	1.87	1.77	1.90	1.87	1.75
	ac) MUNDRA UMPP (380/4000)	68.19	68.57	68.24	67.60	68.19	67.66
	ad) SASAN (372/3960)	69.08	69.08	69.08	69.08	69.08	69.08
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	22.09	21.77	21.95	22.11	22.09	20.33
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	623.23	634.36	613.64	611.02	623.23	592.24
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	623.23	634.36	613.64	611.02	623.23	592.24
21	BILATERAL (REG.) EXCL. BANKING	10.62	10.62	10.87	9.67	10.62	10.62
22	BANKING	0.00	0.00	0.00	0.00	0.00	0.00
23	BILATERAL(INTRA-REG.), EXCLUDING (ISOA & BANKING)	115.73	115.73	109.60	115.73	115.73	115.73
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-36.82	0.00	0.00	-35.12
25	INDIAN ENERGY EXCHANGE	-265.34	-221.09	-221.09	-265.11	-265.34	-265.34
	TOTAL(B): (19 TO 25)	484.23	539.62	476.19	471.32	484.23	418.13
	TOTAL GENERATION (A +B) : 1 TO 25			2114.12			2091.27
	OVER DRAWAL (+)/UNDER DRAWAL (-)			1.59			24.71
	GRAND TOTAL	2300.80	2281.15	2115.71	2347.63	2300.80	2115.98
	LAST YEAR	1955.18	2052.07	1961.11	1952.76	1955.18	2012.63

3. SYSTEM PARAMETERS AS ON 02-Oct-18

MAXIMUM DRAWL ON 02-Oct-18	10108 MW at 07.30-07.45 HRS. 50.01 HZ
MINIMUM DRAWL ON 02-Oct-18	7610 MW at 04.00-04.15 Hrs 49.95 HZ
Max U/D of the day	286 MW at 04.00-04.15 Hrs 49.95 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	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	45
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	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	44
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	11
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	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 2-Oct-18	49.99 Hz
Max O/D of the day	564 MW at 14.30-14.45 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.40
ABOVE 50.05 HZ	9.70
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.	3-Oct-18	3-Oct-17		
Gandhi Sagar (Ft.)	1312	1250	1288.25	NA	NIL	658
R.P.Sagar (Ft.)	1157.5	1128	1149.84	1146.06	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	978.20	976.70	NIL	NA
Kota Barrage(Ft.)	854.5	852.3	854.20	853.10		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1606.28	1668.80	9739	20054
Dehar (Ft.)	2941	2900	2937.53	2921.91	8545	8855
Pong(Ft.)	1421	1260	1392.32	1378.69	15155	10421
Mahi-I (Mts.)	281.5	259	280.65	281.45	NIL	NA
Mahi-II (Mts.)	220.5	217	217.25	218.75	NIL	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
3-Oct-18	KTPS	114636	5.5 DAYS
	STPS	268255	10.5 DAYS
	CHHABRA	249465	33 DAYS
	KALISINDH	103406	7.5 DAYS

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

3-Oct-18

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)				(A) PLANNED 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	HRSG02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP VIDE RUVNL MSG. NO. 5600 DATED 26.09.18	
DCCPP	HRSG01*	55.00	50	12.00	50	19-May-18	16.57			BOXED UP VIDE RUVNL MSG. NO. 5600 DATED 26.09.18	
DCCPP	GT01*	110.00	100	24.00	100	01-Jul-18	13.29			BOXED UP VIDE RUVNL MSG. NO. 5600 DATED 26.09.18	
RAMGARH	GT02	37.50	29	7.00	29	23-Sep-18	1.10			NON AVAILABILITY OF SUFFICIENT GAS	
DCCPP	GT02*	110.00	100	24.00	100	26-Sep-18	18.06			BOXED UP VIDE RUVNL MSG. NO. 5600 DATED 26.09.18	
Total(A) STATE SECTOR- PLANNED OUTAGE			492.50	399.00	95.80	399.00					
CENTRAL SECTOR											
RAPS-C	1	220.00	44	10.50	44	05-Sep-18	1.20			ANNUAL MAINTENANCE	
Total(A) CENTRAL SECTOR- PLANNED OUTAGE			220.00	44.00	10.50	44.00					
(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	
RAJWEST	5	135.00	120	28.68	120	24-Sep-18	0.30			BED MATERIAL LEAKAGE	
CHHABRA	3	250.00	225	0.00	0	24-Sep-18	16.03	02-Oct-18	21.36	BOILER TUBE LEAKAGE	
BARSINGSAR	2	125.00	110	26.40	110	24-Sep-18	18.35			REFRACTORY FAILURE	
Total(B) STATE SECTOR-FORCED OUTAGE			1345.00	1190.00	230.48	965.00					
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH	
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30			BOILER TUBE LEAKAGE	
Total(B) CENTRAL SECTOR-FORCED OUTAGE			1000.00	75.00	18.00	75.00					
G.TOTAL			248.48	1040.00							

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 (\$).