



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

Power Position 16-Oct-18	Point No.
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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	2018	2018
Oct-18										
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	2143.85	1967.29	19.66	40.89	9963	9222	49.97	112.81
04-Oct-18	2326.41	1938.47	2176.65	1982.51	20.68	24.27	9866	9115	49.97	84.21
05-Oct-18	2261.39	1959.56	2199.15	2039.94	64.00	28.82	10212	9061	49.97	60.17
06-Oct-18	2339.22	1914.81	2175.44	2025.64	4.97	63.07	9922	9252	49.98	36.54
07-Oct-18	2298.64	1895.69	2107.73	2028.58	-1.66	59.34	10054	8991	49.97	48.49
08-Oct-18	2322.16	1946.49	2192.23	2001.51	10.20	21.65	10081	9273	49.95	90.55
09-Oct-18	2342.64	1950.06	2142.96	2008.79	18.50	48.23	10111	9303	49.97	202.61
10-Oct-18	2311.49	1949.14	2196.39	2039.56	-9.01	61.02	10536	9736	49.97	67.01
11-Oct-18	2368.96	2069.25	2196.01	2087.98	9.42	14.62	10286	9714	49.99	65.04
12-Oct-18	2253.45	2121.39	2200.01	2086.36	24.20	9.99	10640	10357	49.98	123.85
13-Oct-18	2284.94	1980.25	2181.05	2045.16	-12.26	48.44	10603	9737	49.98	162.61
14-Oct-18	2301.78	1997.02	2143.93	2062.23	30.60	17.68	10539	10284	49.97	94.66
15-Oct-18	2329.12	2016.51	2165.71	2009.54	6.61	16.98	10741	10188	49.96	46.80
16-Oct-18	2302.59	1978.73								
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	2368.96	2121.39	2200.01	2087.98	64.00	63.07	10741.00	10357.00	49.99	202.61
MIN OF THE MONTH	2253.45	1895.69	2107.73	1961.10	-12.26	9.99	9866.00	8991.00	49.95	36.54
AVERAGE	2310.77	1979.84	2163.52	2023.92	14.15	34.58	10240.40	9533.47	49.97	95.00

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
		15-Oct-18		
1	KTPS (1240/1240)	204.00	246.00	217.76
2	STPS (1500/1500)	328.00	328.00	275.18
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	23.00	23.00	22.19
5	RAPP-A(200/200)	43.00	43.00	37.56
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	25.42
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	358.00	358.00	352.62
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	288.00	296.99
11	WIND FARM (4137.20/4290.95)	86.00	80.75	46.80
12	SOLAR POWER(1656.70/2246.21)	147.37	140.72	141.75
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	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.91
17	BARSINGHAR LTPS(250/250)	52.00	52.00	52.81
18	RAJWEST (1080/1080)	229.00	229.00	229.06
	TOTAL (A) : 1-18	1899.37	1795.47	1705.05
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	21.19	21.12	21.09
	b) DEHAR (198/ 990)	17.89	16.81	17.35
	c) PONG (231.66/396)	42.95	43.49	43.49
	TOTAL : a TO c	82.03	81.43	81.94
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	95.25	95.78	95.41
	e) RIHAND (310.24/3000)	99.98	99.98	98.67
	f) UNCHAHAHAR-I(20/420)	6.67	5.79	5.78
	g) UNCHAHAHAR-II& III & IV(135.09/1130)	16.54	14.05	9.57
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	13.78	13.20	4.35
	j) DADRI GAS (77/830)	0.61	0.00	0.00
	k) ANTA (83.07/419)	1.02	0.00	0.00
	l) AURAIYA (61.03/663)	0.93	1.65	1.33
	m) NAPP (44/440)	9.10	9.12	9.12
	n) RAPP-B (125/440)	15.10	15.10	15.10
	o) RAPP-C (88/440)	18.50	18.46	18.46
	p) SALAL (20.36/690)	1.11	1.60	1.32
	q) URI (70.37/720)	7.04	7.06	6.07
	r) TANAKPUR (10.86/94)	1.97	2.10	1.90
	s) CHAMERA –I (105.84/540)	11.96	11.96	11.96
	t) CHAMERA-II (29.01/300)	4.00	4.24	3.61
	u) CHAMERA-III (25.21/231)	2.68	2.68	2.68
	v) DHAULIGANGA (27/280)	2.53	3.07	2.63
	w) DULHASTI (42.42/390)	7.29	6.77	6.87
	x) SEWA (13/120)	0.52	0.78	0.78
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	12.95	13.50	12.93
	z) TEHRI (75/1000)	4.01	4.01	4.01
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	8.40	8.93	8.99
	ab) TALA	0.94	1.09	1.07
	ac) MUNDRA UMPP (380/4000)	69.17	69.17	69.17
	ad) SASAN (372/3960)	84.28	83.86	84.18
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	30.55	28.01	27.05
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	608.93	603.38	584.92
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	608.93	603.38	584.92
21	BILATERAL (REG.) EXCL. BANKING	7.54	7.54	7.54
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	104.26	97.61	97.61
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-61.14
25	INDIAN ENERGY EXCHANGE	-317.50	-174.88	-174.88
	TOTAL(B): (19 TO 25)	403.22	533.65	454.05
	TOTAL GENERATION (A +B) : 1 TO 25			2159.10
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.61
	GRAND TOTAL	2302.59	2329.12	2165.71
	LAST YEAR	1978.73	2016.51	2009.53

3. SYSTEM PARAMETERS AS ON 15-Oct-18

MAXIMUM DRAWL ON 15-Oct-18	10721 MW at 07.15-07.30 Hrs. 49.97 HZ
MINIMUM DRAWL ON 15-Oct-18	7442 MW at 04.00-04.15 Hrs 49.98 HZ
Max U/D of the day	467 MW at 19.45-20.00 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	11
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	56
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
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	24
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
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	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	3
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 15-Oct-18	49.96 Hz
Max O/D of the day	456 MW at 05.30-05.45 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	15.90
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.30
ABOVE 50.05 HZ	6.80
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.	16-Oct-18	16-Oct-17	15-Oct-18	15-Oct-18
Gandhi Sagar (Ft.)	1312	1250	1288.25	1301.04	NA	658
R.P.Sagar (Ft.)	1157.5	1128	1149.05	#REF!	NA	4943
Jawahar Sagar (Ft.)	980	970.4	976.10	975.70	NA	3780
Kota Barrage(Ft.)	854.5	852.3	854.10	853.00		
RMC					4050	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1669.26	1665.42	11900	13846
Dehar (Ft.)	2941	2900	2922.17	2918.43	5080	4962
Pong(Ft.)	1421	1260	1389.44	1374.41	15203	5088
Mahi-I (Mts.)	281.5	259	280.95	281.45	NA	NA
Mahi-II (Mts.)	220.5	217	216.95	216.90	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
16-Oct-18	KTPS	163426	8 DAYS
	STPS	181805	7 DAYS
	CHHABRA	271585	36 DAYS
	KALISINDH	162223	11.5 DAYS

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

16-Oct-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-C	1	220.00	44	10.50	44	05-Sep-18	1.20		ANNUAL MAINTENANCE	
DABRI GPS	4	130.19	22	5.30	22	13-Oct-18	22.52		RESERVE SHUTDOWN	
DABRI GPS	1	130.19	22	5.30	22	11-Oct-18	23.34		RESERVE SHUTDOWN	
DABRI GPS	5	154.51	16	3.90	16	11-Oct-18	23.35		RESERVE SHUTDOWN	
DABRI GPS	2	130.19	22	5.30	18	11-Oct-18	23.41		RESERVE SHUTDOWN	
AUARIYA GPS	6	109.30	12	2.90	12	11-Oct-18	23.42		RESERVE SHUTDOWN	
AUARIYA GPS	3	111.19	18	4.40	18	11-Oct-18	23.47		RESERVE SHUTDOWN	
ANTA GPS	2	88.71	31	9.50	31	11-Oct-18	23.48		RESERVE SHUTDOWN	
DABRI GPS	4	130.19	22	5.30	22	13-Oct-18	22.52		RESERVE SHUTDOWN	
AURAIYA GPS	2	111.90	18	4.40	18	13-Oct-18	23.21		RESERVE SHUTDOWN	
RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57		SHUTDOWN	
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1536.37	289.80	71.87	285.80					
(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 TRIP	
KTPS	1	110.00	100	23.00	100	31-May-18	17.25		DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER	
KALISINDH	1	600.00	565	0.00	565	11-Oct-18	13.20	15-Oct-18	12.11	SUSPECTED BOILER TUBE LEAKAGE
KALISINDH	1	600.00	565	0.00	0	15-Oct-18	13.49	15-Oct-18	16.54	GENERATOR TRIP ON TURBINE TRIP
KTPS	6	195.00	42	31.50	42	15-Oct-18	5.59		PA HEAD LOW	
Total(B)-STATE SECTOR-FORCED OUTAGE		2230.00	1907.00	206.90	1342.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNACE PRESSURE HIGH	
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30		BOILER TUBE LEAKAGE	
SINGRAULI	1	200.00	34	8.20	34	11-Oct-18	18.18		BOILER TUBE LEAKAGE	
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1200.00	109.00	26.20	109.00					
G.TOTAL			233.10	1451.00						

STATE SECTOR

STATE SECTOR

Name of Station	Unit	Capacity	Alloc	Avail	Outage Date	Outage Time	Revival Date	Revival Time	Reason	
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 TRIP	
KTPS	1	110.00	100	23.00	100	31-May-18	17.25		DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER	
KALISINDH	1	600.00	565	0.00	565	11-Oct-18	13.20	15-Oct-18	12.11	SUSPECTED BOILER TUBE LEAKAGE
KALISINDH	1	600.00	565	0.00	0	15-Oct-18	13.49	15-Oct-18	16.54	GENERATOR TRIP ON TURBINE TRIP
KTPS	6	195.00	42	31.50	42	15-Oct-18	5.59		PA HEAD LOW	
Total(B)-STATE SECTOR-FORCED OUTAGE		2230.00	1907.00	206.90	1342.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNACE PRESSURE HIGH	
RHAND	5	500.00	75	18.00	75	23-Sep-18	1.30		BOILER TUBE LEAKAGE	
SINGRAULI	1	200.00	34	8.20	34	11-Oct-18	18.18		BOILER TUBE LEAKAGE	
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1200.00	109.00	26.20	109.00					
G.TOTAL			233.10	1451.00						

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 (\$).