



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

Power Position 31-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		
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	2205.90	2035.93	56.05	-8.03	10616	9800	49.98	57.09
17-Oct-18	2358.15	1910.15	2217.31	2045.05	27.77	3.50	10818	9965	49.99	73.94
18-Oct-18	2387.29	1997.64	2194.52	2008.80	29.98	16.01	10751	9754	49.99	69.74
19-Oct-18	2401.99	1988.87	2118.10	1857.71	4.57	13.98	10333	9453	49.99	56.03
20-Oct-18	2358.42	1943.79	2160.15	1796.29	12.72	5.13	10601	8964	49.95	99.57
21-Oct-18	2130.25	1869.32	2153.07	1881.70	32.86	13.99	10713	9113	49.94	84.15
22-Oct-18	2153.06	2016.69	2109.67	1837.33	-6.42	7.75	10380	9138	49.92	60.06
23-Oct-18	2319.10	1928.80	2137.79	1927.21	6.84	12.13	10854	9956	49.95	31.01
24-Oct-18	2299.99	2018.40	2192.62	1975.37	13.16	9.78	11105	9374	49.97	71.12
25-Oct-18	2295.93	2021.52	2199.01	1998.43	27.94	5.87	11230	9811	49.99	44.37
26-Oct-18	2363.65	2060.76	2225.00	2011.35	11.77	7.90	11248	10098	49.99	61.57
27-Oct-18	2314.03	2057.48	2195.04	2029.63	11.61	-7.36	11033	9693	49.97	31.16
28-Oct-18	2271.29	1960.83	2179.86	2032.82	36.31	-1.05	10822	9976	49.99	46.73
29-Oct-18	2316.43	1986.13	2244.24	1960.97	37.88	29.90	11128	9534	49.98	86.51
30-Oct-18	2282.73	2001.00	2229.32	1968.98	21.55	10.77	11070	9656	49.95	80.49
31-Oct-18	2330.20	1994.50								
01-Nov-18										
MAXIMUM OF THE MONTH	2401.99	2121.39	2244.24	2087.98	64.00	63.07	11248.00	10357.00	49.99	202.61
MIN OF THE MONTH	2130.25	1869.32	2107.73	1796.29	-12.26	-8.03	9866.00	8964.00	49.92	31.01
AVERAGE	2308.34	1980.61	2171.90	1991.63	17.77	21.66	10525.45	9573.48	49.97	79.25

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
		30-Oct-18		
1	KTPS (1240/1240)	199.00	153.00	146.17
2	STPS (1500/1500)	275.00	275.00	281.07
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	19.67
5	RAPP-A(200/200)	43.00	43.00	31.85
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	34.00	32.00	39.97
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCCTPP (660/660)	355.00	355.00	361.62
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	387.04
11	WIND FARM (4139.20/4292.95)	42.00	49.50	80.49
12	SOLAR POWER(1661.70/2250.16)	145.53	148.46	138.25
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	23.05
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	7.00	4.63
17	BARSINGHSAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	201.00	172.00	185.50
	TOTAL (A) : 1-18	1742.53	1677.96	1699.31
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.47	22.52	22.64
b)	DEHAR (198/ 990)	12.28	12.81	11.63
c)	PONG (231.66/396)	34.97	34.97	34.97
	TOTAL : a TO c	69.72	70.29	69.23
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	95.48	95.48	95.48
e)	RIHAND (310.24/3000)	100.24	100.24	100.37
f)	UNCHAHAHAR-I(20/420)	5.98	6.92	5.82
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	21.74	25.59	21.41
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	7.26	19.10	9.88
j)	DADRI GAS (77/830)	0.61	0.75	1.50
k)	ANTA (83.07/419)	1.34	1.48	1.97
l)	AURAIYA (61.03/663)	0.51	0.63	1.03
m)	NAPP (44/440)	9.15	9.19	9.19
n)	RAPP-B (125/440)	15.96	15.96	15.96
o)	RAPP-C (88/440)	18.97	18.92	18.92
p)	SALAL (20.36/690)	1.09	1.09	1.10
q)	URI (70.37/720)	4.91	5.50	4.96
r)	TANAKPUR (10.86/94)	1.43	1.47	1.40
s)	CHAMERA –I (105.84/540)	7.21	7.21	7.21
t)	CHAMERA-II (29.01/300)	2.86	2.44	2.28
u)	CHAMERA-III (25.21/231)	1.68	1.79	1.59
v)	DHAULIGANGA (27/280)	2.06	1.99	1.72
w)	DULHASTI (42.42/390)	5.54	5.54	5.33
x)	SEWA (13/120)	0.47	0.52	0.52
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.59	10.59	10.59
z)	TEHRI (75/1000)	5.03	5.03	5.03
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.98	7.75	7.38
ab)	TALA	0.64	0.78	0.86
ac)	MUNDRA UMPP (380/4000)	25.71	69.41	60.63
ad)	SASAN (372/3960)	84.33	84.33	84.33
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	30.76	21.52	22.88
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	538.25	591.53	568.55
	LOSSES	0.00	0.00	-1.50
	NET SCHEDULED	538.25	591.53	567.04
21	BILATERAL (REG.) EXCL. BANKING	5.79	6.14	5.91
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	115.98	115.98	115.98
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-50.09
25	INDIAN ENERGY EXCHANGE	-72.35	-131.88	-131.88
	TOTAL(B): (19 TO 25)	587.67	581.76	506.96
	TOTAL GENERATION (A +B) : 1 TO 25			2206.27
	OVER DRAWAL (+)/UNDER DRAWAL (-)			21.55
	GRAND TOTAL	2330.20	2259.73	2227.82
	LAST YEAR	1994.50	2001.00	1968.98

3.SYSTEM PARAMETERS AS ON 30-Oct-18

MAXIMUM DRAWL ON 30-Oct-18	11070 MW at 07.45-08.00 Hrs 50.00 HZ
MINIMUM DRAWL ON 30-Oct-18	7418 MW at 04.00-04.15 Hrs 49.99 HZ
Max U/D of the day	405 MW at 11.00-11.15Hrs 49.94 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	75
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	13
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	11
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
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 30-Oct-18	49.95 Hz
Max O/D of the day	682 MW at 12.15-12.30 Hrs 49.91 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.80
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.60
ABOVE 50.05 HZ	4.60
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 (cuces)	Inflow (cuces)
	Max.	Min.	31-Oct-18	31-Oct-17	30-Oct-18	30-Oct-18
Gandhi Sagar (Ft.)	1312	1250	1288.25	1300.49	NA	658
R.P.Sagar (Ft.)	1157.5	1128	1145.91	#REF!	6403	nil
Jawahar Sagar (Ft.)	980	970.4	975.70	975.90	7610	8769
Kota Barrage(Ft.)	854.5	852.3	854.20	854.40		
RMC					5625	
LMC					1100	
Bhakra(Ft.)	1690	1462	1668.35	1663.62	10250	13169
Dehar (Ft.)	2941	2900	2922.50	2919.75	3538	3349
Pong(Ft.)	1421	1260	1384.93	1368.32	3258	12480
Mahi-I (Mts.)	281.5	259	280.95	281.45	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.75	217.95	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
31-Oct-18	KTPS	201003	10 DAYS
	STPS	51360	2 DAYS
	CHHABRA	119418	16 DAYS
	KALISINDH	184375	13 DAYS

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

31-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	9.50	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
STPS	1	250.00	229	55.00	229	30-Oct-18	23.57			BOXED UP
Total(A)STATE SECTOR-PLANNED OUTAGE		792.50	668.00	160.40	668.00					
CENTRAL SECTOR										
RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57			ANNUAL MAINTENANCE
Total(A)CENTRAL SECTOR-PLANNED OUTAGE		220.00	62.80	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-4
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	6	135.00	120	28.68	120	28-Oct-18	17.08			BED MATERIAL LEAKAGE
KTPS	5	210.00	192	0.00	0	28-Oct-18	17.32	30-Oct-18	23.33	BOILER TUBE LEAKAGE
BARSINGSAR	2	125.00	110	26.40	110	28-Oct-18	20.30			DUE TO BOILER REFRACTORY FAILURE
KTPS	3	210.00	192	46.00	192	28-Oct-18	6.22			TRIPPED DUE TO ELECTRICAL FAULT(AVR PROBLEM)
STPS	6	250.00	229	0.00	0	29-Oct-18	21.37	30.10.18	6.07	LEAKAGE IN EXCITATION COOLER
RAJWEST	4	135.00	120	0.00	0	30-Oct-18	0.36	30-Oct-18	5.38	DUE BOILER FAN TRIP
Total(B)STATE SECTOR-FORCED OUTAGE		2025.00	1807.00	302.88	1266.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
RIBAND	5	500.00	75	18.00	75	23-Sep-18	1.30			BOILER TUBE LEAKAGE
DADRI GPS	6	154.51	16	0.00	0	30-Oct-18	12.10	30-Oct-18	13.04	TRIPPED DUE TO DURING TRIPPING OF UNIT NO. 2 AT DADRI STAGE -II
Total(B)CENTRAL SECTOR-FORCED OUTAGE		1000.00	75.00	18.00	75.00					
G.TOTAL			320.88	1341.50						

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 (\$).