



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

Power Position 30-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
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		2001.00								
31-Oct-18										
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
		29-Oct-18		
1	KTPS (1240/1240)	153.00	153.00	143.92
2	STPS (1500/1500)	275.00	328.00	272.36
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	18.41
5	RAPP-A(200/200)	43.00	43.00	38.28
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	32.00	30.00	31.97
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	355.00	358.00	346.62
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	410.86
11	WIND FARM (4139.20/4292.95)	49.50	41.75	86.51
12	SOLAR POWER(1661.70/2250.16)	148.46	138.85	145.53
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	18.51
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.00	6.80
17	BARSINGH SAR LTPS(250/250)	0.00	0.00	0.00
18	RAJWEST (1080/1080)	172.00	201.00	177.70
	TOTAL (A) : 1-18	1677.96	1743.60	1697.47
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	22.52	21.97	22.41
b)	DEHAR (198/ 990)	12.81	12.92	12.73
c)	PONG (231.66/396)	34.97	34.97	34.97
	TOTAL : a TO c	70.29	69.86	70.11
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	100.24
f)	UNCHA HAR-I(20/420)	6.92	5.31	4.88
g)	UNCHA HAR-II& III & IV(135.09/1130)	25.59	18.99	18.73
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	19.10	11.13	4.14
j)	DADRI GAS (77/830)	0.75	0.44	0.38
k)	ANTA (83.07/419)	1.48	2.41	2.55
l)	AURAIYA (61.03/663)	0.63	0.73	0.48
m)	NAPP (44/440)	9.19	9.17	9.17
n)	RAPP-B (125/440)	15.96	15.79	15.79
o)	RAPP-C (88/440)	18.92	19.15	19.15
p)	SALAL (20.36/690)	1.09	1.09	1.14
q)	URI (70.37/720)	5.50	5.68	4.68
r)	TANAKPUR (10.86/94)	1.47	1.47	1.45
s)	CHAMERA –I (105.84/540)	7.21	6.79	6.79
t)	CHAMERA-II (29.01/300)	2.44	3.11	2.21
u)	CHAMERA-III (25.21/231)	1.79	2.10	1.70
v)	DHAULIGANGA (27/280)	1.99	1.99	1.73
w)	DULHASTI (42.42/390)	5.54	5.54	5.62
x)	SEWA (13/120)	0.52	0.57	0.52
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	10.59	10.14	10.78
z)	TEHRI (75/1000)	5.03	5.03	5.03
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	7.75	7.75	7.62
ab)	TALA	0.78	0.66	0.71
ac)	MUNDRA UMPP (380/4000)	69.41	69.41	69.41
ad)	SASAN (372/3960)	84.33	84.33	84.33
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.52	22.45	22.20
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	591.53	576.83	567.04
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	591.53	576.83	567.04
21	BILATERAL (REG.) EXCL. BANKING	6.14	6.38	6.38
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	-54.16
25	INDIAN ENERGY EXCHANGE	-131.88	-126.35	-126.35
	TOTAL(B): (19 TO 25)	581.76	572.83	508.89
	TOTAL GENERATION (A +B) : 1 TO 25			2206.36
	OVER DRAWAL (+)/UNDER DRAWAL (-)			37.88
	GRAND TOTAL	2259.73	2316.43	2244.24
	LAST YEAR	2001.00	1986.13	1960.96

3. SYSTEM PARAMETERS AS ON 29-Oct-18

MAXIMUM DRAWL ON 29-Oct-18	11128 MW at 07.30-07.45 Hrs 49.95 HZ
MINIMUM DRAWL ON 29-Oct-18	7303 MW at 04.00-04.15 Hrs 49.93 HZ
Max U/D of the day	236 MW at 05.15-05.30Hrs 49.96 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	3
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	58
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	25
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	25
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
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	10
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 29-Oct-18	49.98 Hz
Max O/D of the day	647 MW at 08.15-08.30 Hrs 49.99 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	5.30
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	84.80
ABOVE 50.05 HZ	9.90
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.	30-Oct-18	30-Oct-17		
Gandhi Sagar (Ft.)	1312	1250	1288.25	1300.51	NA	658
R.P.Sagar (Ft.)	1157.5	1128	1145.91	#REF!	NA	9950
Jawahar Sagar (Ft.)	980	970.4	974.50	975.50	6839	9944
Kota Barrage(Ft.)	854.5	852.3	854.20	854.50		
RMC					5400	
LMC					850	
Bhakra(Ft.)	1690	1462	NA	NA	NA	NA
Dehar (Ft.)	2941	2900	NA	NA	NA	NA
Pong(Ft.)	1421	1260	NA	NA	NA	NA
Mahi-I (Mts.)	281.5	259	280.95	281.45	NIL	NIL
Mahi-II (Mts.)	220.5	217	216.80	216.90	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
30-Oct-18	KTPS	197187	10 days
	STPS	65643	2.5 days
	CHHABRA	150705	20 days
	KALISINDH	190718	13.5 days

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

30-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 (S/D 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	3	111.19	18	4.40	18	25-Oct-18	22.29	29-Oct-18	13.48	RESERVE SHUTDOWN
AURAIYA	4	111.19	18	4.40	18	25-Oct-18	22.19	29-Oct-18	17.00	RESERVE SHUTDOWN
AURAIYA	6	109.30	12	2.30	12	25-Oct-18	22.21	29-Oct-18	17.42	RESERVE SHUTDOWN
AURAIYA	2	111.19	18	4.40	18	26-Oct-18	23.13	29-Oct-18	12.00	RESERVE SHUTDOWN
DADRI	1	130.19	22	5.30	22	26-Oct-18	23.19	29-Oct-18	11.46	RESERVE SHUTDOWN
DADRI	3	130.19	22	5.30	22	26-Oct-18	23.39	29-Oct-18	11.31	RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		923.25	172.80	41.17	172.80					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	6	135.00	120	28.68	120	28-Oct-18	17.08			BED MATERIAL LEAKAGE
KTPS	5	210.00	192	46.00	192	28-Oct-18	17.32			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)
RAMGARH	GT1	35.50	29	0.00	0	29-Oct-18	9.15	29-Oct-18	13.24	DUE TO SUPPLY FAILURE OF GT1 MCC
RAMGARH	STG#1	37.50	10	0.00	0	29-Oct-18	9.17	29-Oct-18	15.51	MANUALLY TRIP DUE TO SUPPLY FAILURE OF GT1
STPS	6	250.00	229	55.00	229	29-Oct-18	21.37	30.10.18	6.07	LEAKAGE IN EXCITATION COOLER
RAJWEST	4	135.00	120	22.67	120	30-Oct-18	0.36	30-Oct-18	5.38	DUE BOILER FAN TRIP
Total(B) STATE SECTOR-FORCED OUTAGE		2098.00	1846.00	426.55	1807.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
RIHAND	5	500.00	75	18.00	75	23-Sep-18	1.30			BOILER TUBE LEAKAGE
ANTA GPS	3	88.71	31	7.50	31	24-Oct-18	14.15	29.10.18	12.45	TRIPPED DUE TO EXCITATION PROBLEM
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1088.71	106.00	25.50	106.00					
G.TOTAL			452.05	1913.50						

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 (\$).