



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

<b>Power Position 12-Dec-18</b>	<b>Point No.</b>
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. -DEC.- 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		
Dec-18										
01-Dec-18	2340.39	2075.44	2287.25	2014.88	9.69	21.81	11804	11008	49.98	29.43
02-Dec-18	2376.61	2124.01	2266.12	2024.18	-4.82	16.65	11622	10534	50.00	69.01
03-Dec-18	2521.73	2073.93	2293.41	1960.75	6.85	30.24	12225	10391	49.97	60.02
04-Dec-18	2566.31	2061.26	2306.63	2071.16	10.94	5.66	11989	10325	49.96	70.35
05-Dec-18	2437.16	2112.90	2339.65	1911.82	0.41	5.03	12373	10380	49.95	39.71
06-Dec-18	2492.73	1947.37	2343.74	1820.63	-10.59	22.27	12401	9851	49.95	34.65
07-Dec-18	2482.58	1909.86	2178.19	1875.03	-3.52	20.02	11682	9836	49.97	70.10
08-Dec-18	2398.01	2026.08	2287.76	1912.45	2.85	15.41	12063	10336	49.97	58.43
09-Dec-18	2417.65	1912.77	2305.20	1939.64	15.45	52.10	12335	10309	49.97	50.08
10-Dec-18	2437.87	1948.81	2319.44	2006.63	27.27	27.73	12130	10680	49.94	70.19
11-Dec-18	2415.27	1934.93	2371.02	1858.70	-7.94	-7.61	12937	10502	49.95	180.13
12-Dec-18	2349.16	1881.52								
13-Dec-18										
14-Dec-18										
15-Dec-18										
16-Dec-18										
17-Dec-18										
18-Dec-18										
19-Dec-18										
20-Dec-18										
21-Dec-18										
22-Dec-18										
23-Dec-18										
24-Dec-18										
25-Dec-18										
26-Dec-18										
27-Dec-18										
28-Dec-18										
29-Dec-18										
30-Dec-18										
31-Dec-18										
MAXIMUM OF THE MONTH	<b>2566.31</b>	<b>2124.01</b>	<b>2371.02</b>	<b>2071.16</b>	<b>27.27</b>	<b>52.10</b>	<b>12937.00</b>	<b>11008.00</b>	<b>50.00</b>	<b>180.13</b>
MIN OF THE MONTH	<b>2340.39</b>	<b>1881.52</b>	<b>2178.19</b>	<b>1820.63</b>	<b>-10.59</b>	<b>-7.61</b>	<b>11622.00</b>	<b>9836.00</b>	<b>49.94</b>	<b>29.43</b>
AVERAGE	<b>2436.29</b>	<b>2000.74</b>	<b>2299.86</b>	<b>1945.08</b>	<b>4.24</b>	<b>19.03</b>	<b>12141.91</b>	<b>10377.45</b>	<b>49.96</b>	<b>66.55</b>

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)

12937

(09.15-09.30Hrs.)

11-Dec-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
		11-Dec-18		
1	KTPS (1240/1240)	224.00	224.00	194.28
2	STPS (1500/1500)	55.00	55.00	45.69
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	20.00	19.79
5	RAPP-A(200/200)	43.00	43.00	38.54
6	MAHI (140/140)	0.00	0.00	9.05
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	38.97
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	357.00	357.00	459.01
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	482.89
11	WIND FARM (4139.20/4292.95)	201.00	125.00	180.13
12	SOLAR POWER(1661.70/2250.16)	70.78	138.35	123.64
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.72
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	5.00	7.02
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	24.23
18	RAJWEST (1080/1080)	172.00	172.00	133.81
	<b>TOTAL (A) : 1-18</b>	<b>1774.78</b>	<b>1764.35</b>	<b>1781.77</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	18.05	17.81	18.20
b)	DEHAR (198/ 990)	6.74	7.19	6.73
c)	PONG (231.66/396)	36.26	35.90	36.08
	<b>TOTAL : a TO c</b>	<b>61.05</b>	<b>60.90</b>	<b>61.01</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	74.82	84.76	83.35
e)	RIHAND (310.24/3000)	80.54	91.21	86.76
f)	UNCHAHAHAR-I(20/420)	5.83	4.80	3.03
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	20.43	18.57	11.78
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	12.11	14.88	6.21
j)	DADRI GAS (77/830)	4.01	2.79	1.66
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.41	9.38	9.38
n)	RAPP-B (125/440)	30.96	31.04	31.04
o)	RAPP-C (88/440)	19.09	19.09	19.09
p)	SALAL (20.36/690)	0.83	0.81	0.65
q)	URI (70.37/720)	6.43	6.17	6.59
r)	TANAKPUR (10.86/94)	0.84	0.86	0.84
s)	CHAMERA –I (105.84/540)	4.31	4.31	4.31
t)	CHAMERA-II (29.01/300)	1.26	1.29	1.44
u)	CHAMERA-III (25.21/231)	0.83	0.83	0.94
v)	DHAULIGANGA (27/280)	1.15	1.19	1.14
w)	DULHASTI (42.42/390)	3.65	3.70	3.64
x)	SEWA (13/120)	0.41	0.29	0.41
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.05	7.04	7.04
z)	TEHRI (75/1000)	5.48	5.48	5.48
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.80	5.33	5.33
ab)	TALA	0.37	0.37	0.34
ac)	MUNDRA UMPP (380/4000)	66.97	58.14	61.67
ad)	SASAN (372/3960)	68.78	84.07	84.07
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.20	24.33	20.44
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	516.60	541.65	517.63
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>516.60</b>	<b>541.65</b>	<b>517.63</b>
21	BILATERAL (REG.) EXCL. BANKING	3.85	3.97	3.97
22	BANKING	44.57	44.57	44.57
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	76.95	123.03	78.22
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-29.45
25	INDIAN ENERGY EXCHANGE	-67.59	-17.74	-17.74
	<b>TOTAL(B): (19 TO 25)</b>	<b>574.38</b>	<b>650.91</b>	<b>597.19</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2378.96</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-7.94
	<b>GRAND TOTAL</b>	<b>2349.16</b>	<b>2415.26</b>	<b>2371.02</b>
	LAST YEAR	1881.52	1934.93	1858.70

## 3. SYSTEM PARAMETERS AS ON 11-Dec-18

MAXIMUM DRAWL ON 11-Dec-18	12937 MW at 09.15-09.30 Hrs 49.89 HZ
MINIMUM DRAWL ON 11-Dec-18	6845 MW at 04.00-04.15 Hrs 49.92 HZ
Max U/D of the day	619 MW at 22.45-23.00 Hrs 50.00 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	1
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	16
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	19
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	5
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	4
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 11-Dec-18	49.95 Hz
Max O/D of the day	441 MW at 19.30-19.45 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	16.70
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.00
ABOVE 50.05 HZ	7.30
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.	12-Dec-18	12-Dec-17		
Gandhi Sagar (Ft.)	1312	1250	1282.02	1294.96	8240	150
R.P.Sagar (Ft.)	1157.5	1128	1140.96	#REF!	12654	2552
Jawahar Sagar (Ft.)	980	970.4	976.00	975.50	8184	8048
Kota Barrage(Ft.)	854.5	852.3	854.30	854.50		
RMC					5791	
LMC					850	
Bhakra(Ft.)	1690	1462	1664.67	1649.10	10594	5923
Dehar (Ft.)	2941	2900	2924.67	2920.80	2043	2425
Pong(Ft.)	1421	1260	1371.40	1354.80	13528	2184
Mahi-I (Mts.)	281.5	259	278.70	279.70	NIL	NIL
Mahi-II (Mts.)	220.5	217	218.30	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
12-Dec-18	KTPS	371497	18.5 DAYS
	STPS	216998	8.5 DAYS
	CHHABRA	195724	26 DAYS
	KALISINDH	96094	7 DAYS

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

## (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	60	14.40	60	11-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
RAMGARH	STG2	50.00	40	9.60	40	05-Oct-18	10.58	NON AVAILABILITY OF SUFFICIENT GAS
DCPP	HRS2	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	HRS2	55.00	50	12.00	50	08-Oct-18	12.08	BOXED UP
DCPP	GT2	110.00	100	24.00	100	08-Oct-18	12.28	BOXED UP
DCPP	GT1	110.00	100	24.00	100	08-Oct-18	12.29	BOXED UP
STPS	2	250.00	229	55.00	229	19-Nov-18	12.33	BOXED UP(LT) UP AS PER RVUNL MESSAGE NO. OP/11/415 DT/25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO.422 DT 25.11.18 DUE TO DATA COMMUNICATION ERROR IN DCC PANEL
STPS	3	250.00	229	55.00	229	04-Dec-18	13.12	BOXED UP
STPS	5	250.00	229	55.00	229	05-Dec-18	19.10	BOXED UP (VIDE RVUNL MSG. NO. 7626 AND OP/12/96 DT/05.12.2018)
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45	BOXED UP (VIDE RVUNL MSG. NO. 7679 AND OP/12/127 DT/07.12.2018)
Total(A) STATE SECTOR- PLANNED OUTAGE		1505.00	1316.00	316.00	1316.00			
CENTRAL SECTOR								
DABRI GPS	4	130.19	22	5.30	22	12-Nov-18	23.06	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28	RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	12	2.90	12	13-Nov-18	10.28	RESERVE SHUTDOWN
DABRI GPS	6	154.51	16	3.90	16	13-Nov-18	10.28	RESERVE SHUTDOWN
DABRI GPS	3	130.19	16	3.90	16	13-Nov-18	11.10	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	23-Nov-18	21.43	RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	30-Nov-18	5.33	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57	RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1057.66	157.00	38.10	157.00			
(B) FORCED OUTAGE								
STATE SECTOR								
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLARI
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57	BED MATERIAL LEAKAGE
RAJWEST	1	135.00	120	28.68	120	25-Nov-18	6.00	HEAVY BED MATERIAL LEAKAGE
BTPP	2	125.00	110	26.40	110	04-Dec-18	0.50	ID FAN PROBLEM
KTPS	5	210.00	192	46.00	192	07-Dec-18	12.22	API PROBLEM
RAMGARH	GT3	110.00	100	9.60	100	07-Dec-18	20.45	INSUFFICIENT AVAILABILITY OF GAS
STPS	1	250.00	229	55.00	229	10-Dec-18	5.30	TRIPPED WITH GRID
Total(B) STATE SECTOR-FORCED OUTAGE		1090.00	940.00	211.16	940.00			
CENTRAL SECTOR								
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNANCE PRESSURE HIGH
RIHAND	1	500.00	58	13.80	58	23-Nov-18	0.30	ANNUAL OVERHAULING
ANTA GPS	2	88.71	31	7.50	31	26-Nov-18	5.06	NON AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	26-Nov-18	5.14	NON AVAILABILITY OF CHEAP GAS
ANTA GPS	1	88.71	31	7.50	31	26-Nov-18	5.54	NON AVAILABILITY OF CHEAP GAS
DABRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11	RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	05-Dec-18	6.17	TRIPPED,REASON AWAITED
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1570.11	188.00	45.20	188.00			
G.TOTAL			256.36	1128.00				

## (B) FORCED OUTAGE

## STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)	DATE	TIME	REASON OF OUTAGE
GIRAL	2	125.00	70	16.80	70	27-Jan-16
RAJWEST	3	135.00	120	28.68	120	03-Nov-18
RAJWEST	1	135.00	120	28.68	120	25-Nov-18
BTPP	2	125.00	110	26.40	110	04-Dec-18
KTPS	5	210.00	192	46.00	192	07-Dec-18
RAMGARH	GT3	110.00	100	9.60	100	07-Dec-18
STPS	1	250.00	229	55.00	229	10-Dec-18
Total(B) STATE SECTOR-FORCED OUTAGE		1090.00	940.00	211.16	940.00	
CENTRAL SECTOR						
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17
RIHAND	1	500.00	58	13.80	58	23-Nov-18
ANTA GPS	2	88.71	31	7.50	31	26-Nov-18
ANTA GPS	4	153.20	34	8.20	34	26-Nov-18
ANTA GPS	1	88.71	31	7.50	31	26-Nov-18
DABRI GPS	1	130.19	22	5.30	22	02-Dec-18
AURAIYA GPS	5	109.30	12	2.90	12	05-Dec-18
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1570.11	188.00	45.20	188.00	
G.TOTAL			256.36	1128.00		

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 (S).