



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

<b>Power Position 10-Jan-19</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. -JAN.- 2019**

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2019
Jan-19										
01-Jan-19	2420.31	2181.55	2361.40	2034.77	19.42	24.27	12746	10247	49.99	106.15
02-Jan-19	2532.49	2157.73	2409.42	2043.75	-5.83	33.30	12825	10318	49.98	70.02
03-Jan-19	2571.00	2066.22	2397.15	2043.96	-6.34	34.42	12873	10454	49.96	119.93
04-Jan-19	2551.65	2166.85	2373.00	2117.18	2.75	14.98	12409	10520	49.96	88.43
05-Jan-19	2627.31	2158.12	2341.46	2135.66	12.57	10.61	11974	10861	50.00	115.22
06-Jan-19	2513.92	2241.69	2351.70	2099.71	-10.14	27.82	12321	10826	50.01	215.41
07-Jan-19	2520.82	2197.41	2398.83	2063.97	-14.88	14.74	12788	10686	50.00	136.50
08-Jan-19	2546.21	2195.81	2421.86	2099.65	3.38	20.95	12568	10848	49.99	80.09
09-Jan-19	2566.18	2178.85	2433.95	2102.77	-0.92	19.70	12358	11128	49.98	50.86
10-Jan-19	2614.79	2234.36								
11-Jan-19										
12-Jan-19										
13-Jan-19										
14-Jan-19										
15-Jan-19										
16-Jan-19										
17-Jan-19										
18-Jan-19										
19-Jan-19										
20-Jan-19										
21-Jan-19										
22-Jan-19										
23-Jan-19										
24-Jan-19										
25-Jan-19										
26-Jan-19										
27-Jan-19										
28-Jan-19										
29-Jan-19										
30-Jan-19										
31-Jan-19										
MAXIMUM OF THE MONTH	<b>2627.31</b>	<b>2241.69</b>	<b>2433.95</b>	<b>2135.66</b>	<b>19.42</b>	<b>34.42</b>	<b>12873.00</b>	<b>11128.00</b>	<b>50.01</b>	<b>215.41</b>
MIN OF THE MONTH	<b>2420.31</b>	<b>2066.22</b>	<b>2341.46</b>	<b>2034.77</b>	<b>-14.88</b>	<b>10.61</b>	<b>11974.00</b>	<b>10247.00</b>	<b>49.96</b>	<b>50.86</b>
AVERAGE	<b>2546.47</b>	<b>2177.86</b>	<b>2387.64</b>	<b>2082.38</b>	<b>0.00</b>	<b>22.31</b>	<b>12540.22</b>	<b>10654.22</b>	<b>49.99</b>	<b>109.18</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)**

13276

(09.30-09.45Hrs.)

28-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 Day	Prior assessment of Avail.	Actual Energy Received
		9-Jan-19		
1	KTPS (1240/1240)	246.00	246.00	227.32
2	STPS (1500/1500)	273.00	273.00	248.76
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	14.00	14.00	14.08
5	RAPP-A(200/200)	25.00	25.00	30.81
6	MAHI (140/140)	0.00	0.00	7.49
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	38.20
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	300.00	300.00	295.21
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	560.00	560.00	522.02
11	WIND FARM (4139.20/4292.95)	103.00	50.75	50.86
12	SOLAR POWER(1661.70/2250.16)	145.56	145.94	138.86
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.80
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	2.00	5.85
17	BARSINGHSAR LTPS(250/250)	50.00	51.00	50.26
18	RAJWEST (1080/1080)	201.00	201.00	180.50
	<b>TOTAL (A) : 1-18</b>	<b>1962.56</b>	<b>1907.69</b>	<b>1835.02</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.49	23.54	23.62
b)	DEHAR (198/ 990)	5.97	5.87	5.94
c)	PONG (231.66/396)	32.93	31.67	27.53
	<b>TOTAL : a TO c</b>	<b>62.38</b>	<b>61.09</b>	<b>57.09</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	82.39	92.42	87.97
e)	RIHAND (310.24/3000)	115.61	115.55	115.55
f)	UNCHAHAHAR-I(20/420)	5.94	4.91	4.33
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	41.22	38.68	35.34
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	16.11	13.38	11.15
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	10.63	8.49	7.18
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.59	4.56	4.56
n)	RAPP-B (125/440)	30.96	30.96	30.96
o)	RAPP-C (88/440)	19.13	19.13	19.13
p)	SALAL (20.36/690)	0.71	0.67	0.56
q)	URI (70.37/720)	5.05	4.93	5.08
r)	TANAKPUR (10.86/94)	0.47	0.50	0.46
s)	CHAMERA –I (105.84/540)	3.73	3.73	3.73
t)	CHAMERA-II (29.01/300)	1.29	1.29	1.14
u)	CHAMERA-III (25.21/231)	0.00	0.00	0.00
v)	DHAULIGANGA (27/280)	0.87	0.94	0.91
w)	DULHASTI (42.42/390)	3.21	2.80	2.99
x)	SEWA (13/120)	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.82	5.81	6.29
z)	TEHRI (75/1000)	6.94	6.99	6.99
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.43	5.43	5.43
ab)	TALA	0.23	0.23	0.21
ac)	MUNDRA UMPP (380/4000)	60.75	76.84	75.20
ad)	SASAN (372/3960)	55.06	69.62	60.93
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	25.82	24.36	21.28
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	564.74	593.71	564.87
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	<b>564.74</b>	<b>593.71</b>	<b>564.87</b>
21	BILATERAL (REG.) EXCL. BANKING	16.53	16.53	16.53
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	71.30	71.30	71.30
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-29.79
25	INDIAN ENERGY EXCHANGE	-0.34	-23.06	-23.06
	<b>TOTAL(B): (19 TO 25)</b>	<b>652.23</b>	<b>658.49</b>	<b>599.85</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>2434.87</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-0.92
	<b>GRAND TOTAL</b>	<b>2614.79</b>	<b>2566.18</b>	<b>2433.95</b>
	LAST YEAR	2234.36	2178.85	2102.77

## 3. SYSTEM PARAMETERS AS ON 09-Jan-19

MAXIMUM DRAWL ON 09-Jan-19	12358 MW at 12.15-12.30 HRS 49.93 HZ
MINIMUM DRAWL ON 09-Jan-19	7307 MW at 04.00-04.15 Hrs 49.95 HZ
Max U/D of the day	595 MW at 09.30-09.45 Hrs 50.01 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	49
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	38
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
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	3
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	0

## 4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	10-Jan-19	10-Jan-18		
Gandhi Sagar (Fl.)	1312	1250	1295.62	1289.44	NA	225
R.P.Sagar (Fl.)	1157.5	1128	1139.38	1137.14	6746	5259
Jawahar Sagar (Fl.)	980	970.4	976.30	974.60	8280	8311
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1400	
Bhakra(Fl.)	1690	1462	1651.82	1629.64	13765	5544
Dehar (Fl.)	2941	2900	2922.50	2921.58	1800	1990
Pong(Fl.)	1421	1260	NA	1341.04	NA	NA
Mahi-I (Mts.)	281.5	259	276.60	277.35	4000	NIL
Mahi-II (Mts.)	220.5	217	218.15	217.35	NIL	NIL

## 5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	9-Jan-19	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	622 MW at 14.00-14.15 Hrs 49.97 HZ		10-Jan-19	KTPS	251048	12.5 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	11.80					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.80					
ABOVE 50.05 HZ	12.40					
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	3					
No. of 132 KV Feeders Disconnected	0		10-Jan-19	STPS	265334	10.5 DAYS
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	3					
No. of 132 KV Feeders Disconnected	0					
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	3					
No. of 132 KV Feeders Disconnected	0					
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	3		10-Jan-19	CHHABRA	140831	18.5 DAYS
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	3					
No. of 132 KV Feeders Disconnected	0					
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	3					
No. of 132 KV Feeders Disconnected	0					
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	3		10-Jan-19	KALISINDH	116801	8 DAYS
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	3					
No. of 132 KV Feeders Disconnected	0					
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	3					
No. of 132 KV Feeders Disconnected	0					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0					

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

10-Jan-19

## (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)
DCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45			SHUTDOWN ANNUAL MAINTENANCE (VIDE RVUNL MSG. NO. 7679 AND OP/12/127 DT.07.12.2018)
CTPP	1	250.00	225	54.00	225	17-Dec-18	18.57			EMERGENCY TRIPPED DUE TO HPH 5 LEVEL VERY HIGH (UNDER AS VIDE OP/12/284 W.E.F. 00.00 HRS./19.12.18 FOR 21 DAYS)
KTPS	2	110.00	100	23.00	100	28-Dec-18	23.49			SHUTDOWN FOR ANNUAL MAINTENANCE
Total(A)-STATE SECTOR-PLANNED OUTAGE		1065.00	914.00	218.40	914.00					

## CENTRAL SECTOR

AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28			RESERVE SHUTDOWN
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
DADRI GPS	6	154.51	16	3.90	16	22-Dec-18	11.18			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		486.19	58.00	14.10	58.00					

## (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
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
RAMGARH	STG1	37.50	10	3.00	10	28-Dec-18	0.37			MANUALLY DESYNCHRONISED DUE TO GRID FOR CONDENSER TUBE REPLACEMENT
RAJWEST	6	135.00	120	28.68	120	06-Jan-19	14.08			HEAVY BED MATERIAL LEAKAGE
Total(B)-STATE SECTOR-FORCED OUTAGE		457.50	340.00	82.08	340.00					

## CENTRAL SECTOR

DADRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
DADRI GPS	3	130.19	22	5.30	22	08-Jan-19	10.08			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
AURAIYA GPS	2	111.19	12	2.90	12	08-Jan-19	10.14			RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS
ENCHAHAR	6	500.00	NA	NA	NA	08-Jan-19	18.29			TRIPPED DUE TO DRUM LEVEL HIGH
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		871.57	56.00	13.50	56.00					

## G.TOTAL

95.58

396.00

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 (\$).