



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

Power Position 16-Jan-19	Point No.
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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										
1-Jan-19	2420.31	2181.55	2361.40	2034.77	19.42	24.27	12746	10247	49.99	106.15
2-Jan-19	2532.49	2157.73	2409.42	2043.75	-5.83	33.30	12825	10318	49.98	70.02
3-Jan-19	2571.00	2066.22	2397.15	2043.96	-6.34	34.42	12873	10454	49.96	119.93
4-Jan-19	2551.65	2166.85	2373.00	2117.18	2.75	14.98	12409	10520	49.96	88.43
5-Jan-19	2627.31	2158.12	2341.46	2135.66	12.57	10.61	11974	10861	50.00	115.22
6-Jan-19	2513.92	2241.69	2351.70	2099.71	-10.14	27.82	12321	10826	50.01	215.41
7-Jan-19	2520.82	2197.41	2398.83	2063.97	-14.88	14.74	12788	10686	50.00	136.50
8-Jan-19	2546.21	2195.81	2421.86	2099.65	3.38	20.95	12568	10848	49.99	80.09
9-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	2381.98	2148.67	3.54	47.11	12108	11243	49.97	86.18
11-Jan-19	2661.39	2146.48	2439.40	2144.93	-9.45	33.31	12729	11267	49.96	70.43
12-Jan-19	2586.25	2190.31	2341.41	2175.42	1.22	33.89	11615	11210	49.97	112.36
13-Jan-19	2624.08	2213.90	2339.46	2143.79	-27.26	33.17	12323	11564	50.00	183.25
14-Jan-19	2523.81	2111.78	2308.81	2057.66	-23.62	-0.55	12086	11382	50.01	207.66
15-Jan-19	2558.56	1980.93	2383.31	2081.79	-3.86	51.41	12442	11336	50.01	68.83
16-Jan-19	2631.31	2111.39								
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	2661.39	2241.69	2439.40	2175.42	19.42	51.41	12873.00	11564.00	50.01	215.41
MIN OF THE MONTH	2420.31	1980.93	2308.81	2034.77	-27.26	-0.55	11615.00	10247.00	49.96	50.86
AVERAGE	2565.63	2158.34	2378.88	2099.58	-3.96	26.61	12411.00	10926.00	49.99	114.09
MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)							2549.75	5-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	

## 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
		15-Jan-19		
1	KTPS (1240/1240)	270.00	267.00	224.45
2	STPS (1500/1500)	273.00	260.00	212.94
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	15.00	14.00	15.47
5	RAPP-A(200/200)	0.00	0.00	0.00
6	MAHI (140/140)	0.00	0.00	7.68
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	35.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	306.00	300.00	291.40
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	422.00	422.00	373.20
11	WIND FARM (4139.20/4292.95)	59.25	52.00	68.83
12	SOLAR POWER(1661.70/2250.16)	155.82	110.50	154.61
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	25.07
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	4.00	5.00	4.34
17	BARSINGHSAR LTPS(250/250)	25.00	25.00	25.86
18	RAJWEST (1080/1080)	201.00	201.00	146.42
	<b>TOTAL (A) : 1-18</b>	<b>1770.07</b>	<b>1695.50</b>	<b>1585.26</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.46	26.41	26.35
b)	DEHAR (198/ 990)	5.79	5.79	5.79
c)	PONG (231.66/396)	33.91	33.99	33.83
	<b>TOTAL : a TO c</b>	<b>66.16</b>	<b>66.19</b>	<b>65.96</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	96.11	94.58	94.58
e)	RIHAND (310.24/3000)	116.41	108.11	104.79
f)	UNCHAHAHAR-I(20/420)	5.91	5.08	2.98
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	44.14	41.99	28.93
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	16.22	14.90	6.44
j)	DADRI GAS (77/830)	0.00	0.00	0.00
k)	ANTA (83.07/419)	8.52	8.09	5.88
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	4.58	4.61	4.61
n)	RAPP-B (125/440)	29.27	29.19	29.19
o)	RAPP-C (88/440)	19.11	19.11	19.11
p)	SALAL (20.36/690)	0.72	0.75	0.77
q)	URI (70.37/720)	5.22	4.88	5.65
r)	TANAKPUR (10.86/94)	0.37	0.42	0.45
s)	CHAMERA –I (105.84/540)	3.52	3.52	3.52
t)	CHAMERA-II (29.01/300)	1.45	1.38	1.23
u)	CHAMERA-III (25.21/231)	0.72	0.49	0.62
v)	DHAULIGANGA (27/280)	0.87	0.87	0.87
w)	DULHASTI (42.42/390)	2.78	3.20	2.56
x)	SEWA (13/120)	0.40	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.97	5.97	6.43
z)	TEHRI (75/1000)	6.81	6.81	6.81
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.45	5.34	5.34
ab)	TALA	0.03	0.03	0.08
ac)	MUNDRA UMPP (380/4000)	79.07	74.32	74.31
ad)	SASAN (372/3960)	84.01	82.31	82.31
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.40	24.81	23.08
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	<b>TOTAL SCHEDULE(a TO af)</b>	<b>630.21</b>	<b>607.35</b>	<b>576.90</b>
	LOSSES	0.00	0.00	0.00
	<b>NET SCHEDULED</b>	<b>630.21</b>	<b>607.35</b>	<b>576.90</b>
21	BILATERAL (REG.) EXCL. BANKING	16.47	16.47	16.47
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	71.15	71.15	71.15
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-30.70
25	INDIAN ENERGY EXCHANGE	143.40	168.08	168.08
	<b>TOTAL(B): (19 TO 25)</b>	<b>861.24</b>	<b>863.06</b>	<b>801.91</b>
	<b>TOTAL GENERATION (A +B) : 1 TO 25</b>			<b>2387.17</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-3.86
	<b>GRAND TOTAL</b>	<b>2631.31</b>	<b>2558.56</b>	<b>2383.31</b>
	LAST YEAR	2111.39	1980.93	2081.79

## 3. SYSTEM PARAMETERS AS ON 15-Jan-19

MAXIMUM DRAWL ON 15-Jan-19	12442 MW at 11.45-12.00 HRS 49.98 HZ
MINIMUM DRAWL ON 15-Jan-19	6627 MW at 04.00-04.15 Hrs 49.91 HZ
Max U/D of the day	694 MW at 21.45-22.00 Hrs 50.06 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	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	29
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	43
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	6
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	22
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	12
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.	16-Jan-19	16-Jan-18		
Gandhi Sagar (Fl.)	1312	1250	1274.35	1288.37	NIL	NIL
R.P.Sagar (Fl.)	1157.5	1128	1139.30	#REF!	13796	13796
Jawahar Sagar (Fl.)	980	970.4	975.90	975.30	6954	11958
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1200	
Bhakra(Fl.)	1690	1462	1648.40	1625.20	16288	5386
Dehar (Fl.)	2941	2900	2923.42	2919.88	1807	2030
Pong(Fl.)	1421	1260	1356.67	1338.48	13611	2554
Mahi-I (Mts.)	281.5	259	276.30	276.90	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.40	218.00	NIL	NIL

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

AVERAGE FREQ. FOR THE DAY	15-Jan-19	50.01 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	731 MW at 20.30-20.45 Hrs 50.00 HZ		16/Jan/19	KTPS	239691 MT	12 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	6.30					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	67.00					
ABOVE 50.05 HZ	26.70					
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			KALISINDH	139639 MT	10 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	0					
No. of 132 KV Feeders Disconnected	0					

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

16/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-Jan-14	8.20		BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)	
DCCPP	HRSG02	55.00	50	12.00	50	8-Oct-18	12.08		BOXED UP	
DCCPP	HRSG01	55.00	50	12.00	50	8-Oct-18	12.08		BOXED UP	
DCCPP	GT02	110.00	100	24.00	100	8-Oct-18	12.28		BOXED UP	
DCCPP	GT01	110.00	100	24.00	100	8-Oct-18	12.29		BOXED UP	
STPS	4	250.00	229	55.00	229	7-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	0.95	0	28-Dec-18	23.49	15-Jan-18	0.59	SHUTDOWN FOR ANNUAL MAINTENANCE
Total A-STATE SECTOR-PLANNED OUTAGE		1065.00	914.00	196.35	814.00					

## 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 B-CENTRAL SECTOR-PLANNED OUTAGE		486.19	58.00	14.10	58.00					

## (B) FORCE OUTAGE

## STATE SECTOR

## 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	7-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARH	STG02	50.00	40	9.60	40	5-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	
RAPP-A	2	200.00	150	36.00	150	11-Jan-19	14.43		TECHNICAL PROBLEM	
BTPP	1	125.00	110	26.40	110	12-Jan-19	23.41		REFRACTORY FAILURE	
RAJWEST	4	135.00	120	28.67	120	14-Jan-19	2.56		HEAVY BED MATERIAL LEAKAGE	
KALISINDH	2	600.00	565	135.60	565	14-Jan-19	9.47		BOILER TUBE LEAKAGE	
KTPS	5	210.00	192	2.01	0	14-Jan-19	21.56	15-Jan-19	1.03	REASON AWAITED
STPS	2	250.00	229	12.30	0	14-Jan-19	22.34	15-Jan-19	5.22	GENERATOR PROT.
Total B I STATE SECTOR-FORCED OUTAGE		1842.50	1586.00	294.38	1165.00					

## CENTRAL SECTOR

DADRI GPS	1	130.19	22	5.30	22	2-Dec-18	6.11		RESERVE SHUTDOWN-NON AVAILABILITY OF CHEAP GAS	
SINGRAULI	4	200.00	34	8.20	34	9-Jan-19	12.10		BOILER TUBE LEAKAGE	
ANTA GPS	3	88.71	31	7.50	31	10-Jan-19	10.00		NON AVAILABILITY OF CHEAP GAS	
DADRI GPS	2	130.19	22	5.30	22	10-Jan-19	10.27		NON AVAILABILITY OF CHEAP GAS	
Total B ICENTRAL SECTOR-FORCED OUTAGE		549.09	109.00	26.30	109.00					
G.TOTAL				320.68	1274.00					

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 (\$).