



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

<b>Power Position 14-Dec-17</b>	<b>Point No.</b>
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -DEC- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (In LU)
	2017	2016	2017	2016	2017	2016	2017	2016		
Dec-17										
01-Dec-17	2075.44	1839.91	<b>2014.88</b>	1880.51	21.81	3.27	<b>11008</b>	9167	<b>49.99</b>	62.28
02-Dec-17	<b>2124.01</b>	1959.83	2008.18	1908.47	0.65	-3.47	10559	9092	<b>49.99</b>	78.44
03-Dec-17	2073.93	1913.99	1960.75	1852.49	30.24	6.13	10391	9097	49.98	41.87
04-Dec-17	2061.26	1848.01	1986.65	1897.69	33.44	38.44	10652	9244	49.97	65.31
05-Dec-17	2056.53	1918.91	1911.82	1935.65	5.03	44.93	10380	9394	49.98	<b>244.96</b>
06-Dec-17	1947.37	1934.18	1820.63	1941.07	22.27	22.66	9851	9806	49.98	198.98
07-Dec-17	1909.86	2003.20	1875.03	1978.15	20.02	10.00	9836	<b>10113</b>	<b>49.99</b>	109.00
08-Dec-17	2026.08	2039.39	1912.45	<b>1997.04</b>	15.41	-6.11	10336	9998	49.98	88.44
09-Dec-17	1912.77	2039.32	1939.64	1989.13	<b>52.10</b>	3.39	10309	10071	49.94	29.51
10-Dec-17	1948.81	<b>2079.45</b>	2006.63	1995.65	27.73	7.88	10680	9766	49.96	154.98
11-Dec-17	1934.93	2030.09	1858.70	1962.72	-7.61	25.13	10502	9052	49.97	95.23
12-Dec-17	1881.52	1931.47	1845.98	1885.18	18.45	<b>45.13</b>	9185	8633	49.94	18.98
13-Dec-17	2005.14	2000.27	1965.25	1972.55	5.77	29.92	9967	9049	49.92	100.95
14-Dec-17	1998.34	1881.47								
15-Dec-17										
16-Dec-17										
17-Dec-17										
18-Dec-17										
19-Dec-17										
20-Dec-17										
21-Dec-17										
22-Dec-17										
23-Dec-17										
24-Dec-17										
25-Dec-17										
26-Dec-17										
27-Dec-17										
28-Dec-17										
29-Dec-17										
30-Dec-17										
31-Dec-17										
MAXIMUM OF THE MONTH	<b>2124.01</b>	<b>2079.45</b>	<b>2014.88</b>	<b>1997.04</b>	<b>52.10</b>	<b>45.13</b>	<b>11008.00</b>	<b>10113.00</b>	<b>49.99</b>	<b>244.96</b>
MIN OF THE MONTH	<b>1881.52</b>	<b>1839.91</b>	<b>1820.63</b>	<b>1852.49</b>	<b>-7.61</b>	<b>-6.11</b>	<b>9185.00</b>	<b>8633.00</b>	<b>49.92</b>	<b>18.98</b>
AVERAGE	<b>1998.20</b>	<b>1962.37</b>	<b>1931.28</b>	<b>1938.18</b>	<b>18.87</b>	<b>17.48</b>	<b>10281.23</b>	<b>9421.69</b>	<b>49.97</b>	<b>99.15</b>

MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)

2222.22

18-Aug-17

MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)

11215

(07.30-07.45 Hrs.)

29-Nov-17

MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)

2138.32

20-Sep-16

MAX.PEAK LOAD DURING THE FY 2016-17 (MW)

10348

(8.15-8.30 Hrs.)

25/1/2017

MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)

482.76

04-Jul-17

MAX.WIND DURING THE YEAR 2016-17 (L.U.)

413.67

06-Jul-16

## 2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		13-Dec-17		
1	KTPS (1240/1240)	227.00	227.00	206.05
2	STPS (1500/1500)	165.00	142.00	118.88
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	41.00	37.87
5	RAPP-A(200/200)	43.00	42.00	44.22
6	MAHI (140/140)	0.00	0.00	6.65
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	36.42
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	221.00	177.29
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	267.43	267.43	254.84
11	WIND FARM (3980.40/4119.15)	128.00	30.50	100.95
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.74
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	15.78	-11.19	-11.19
16	BIOMASS – (101.95/119.25)	5.00	3.00	4.99
17	BARSINGHAR LTPS(250/250)	21.08	26.00	26.12
18	RAJWEST (1080/1080)	205.00	229.00	212.19
	<b>TOTAL (A) : 1-18</b>	<b>1324.91</b>	<b>1256.36</b>	<b>1216.02</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.67	25.10	25.18
b)	DEHAR (198/ 990)	6.53	6.84	7.56
c)	PONG (231.66/396)	32.62	34.24	34.14
	<b>TOTAL : a TO c</b>	<b>63.82</b>	<b>66.18</b>	<b>66.87</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	79.18	85.50	85.50
e)	RIHAND (310.24/3000)	125.31	105.88	105.84
f)	UNCHAHAHAR-I(20/420)	11.21	17.04	9.92
g)	UNCHAHAHAR-II& III(61/630)	23.32	34.24	25.65
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI SI-II ( 43.22/980) + DADRI-TH	17.35	17.31	20.18
j)	DADRI GAS (77/830)	4.12	14.08	22.98
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)	9.89	9.84	9.84
n)	RAPP-B (125/440)	34.36	34.18	34.18
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.82	0.88	0.88
q)	URI (70.37/720)	4.33	3.82	4.28
r)	TANAKPUR (10.86/94)	0.80	0.80	0.80
s)	CHAMERA –I (105.84/540)	3.14	2.94	2.94
t)	CHAMERA-II (29.01/300)	1.31	1.26	1.50
u)	CHAMERA-III (25.21/231)	0.76	0.84	0.84
v)	DHAULIGANGA (27/280)	1.14	1.14	1.14
w)	DULHASTI (42.42/390)	3.26	3.26	3.48
x)	SEWA (13/120)	0.76	3.09	3.09
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.22	7.22	7.60
z)	TEHRI (75/1000)	5.15	5.15	5.15
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	2.84	3.11	5.61
ab)	TALA	0.50	0.50	0.50
ac)	MUNDRA UMPP (380/4000)	59.74	71.73	68.90
ad)	SASAN (372/3960)	60.48	72.84	75.42
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.57	26.14	23.52
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	565.00	608.60	606.26
	LOSSES	-31.21	-33.12	-35.35
	NET SCHEDULED	<b>533.79</b>	<b>575.48</b>	<b>570.91</b>
21	BILATERAL (REG.) EXCL. BANKING	4.20	4.43	3.67
22	BANKING	18.54	18.54	18.54
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	128.72	120.88	116.28
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.78	11.19	11.19
25	INDIAN ENERGY EXCHANGE	3.96	22.87	22.87
	<b>TOTAL(B): (19 TO 25)</b>	<b>673.43</b>	<b>748.78</b>	<b>743.46</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1959.47</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.77
	<b>GRAND TOTAL</b>	<b>1998.34</b>	<b>2005.14</b>	<b>1965.25</b>
	LAST YEAR	1881.47	2000.27	1972.55

## 3. SYSTEM PARAMETERS AS ON 13-Dec-17

MAXIMUM DRAWL ON 13-Dec-17	9967 MW at 08.30-08.45 Hrs 49.88 Hz
MINIMUM DRAWL ON 13-Dec-17	6172 MW at 04.00-4.15Hrs 49.97 Hz
Max U/D of the day	390 MW at 07.00-07.15 HRS 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	29
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	22
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	58
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	3
No. of Blocks in which Freq. >= 50.0 & <50.05 Hz	8
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.0 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.0 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	0
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION( UD BLOCKS)IN WHICH FREQ. >= 50.10	1
AVERAGE FREQ. FOR THE DAY 13-Dec-17	49.92 Hz
Max O/D of the day	547 MW at 06.15-06.30 HRS 49.83 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	34.25
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	60.46
ABOVE 50.05 HZ	5.29
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	24
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.	14-Dec-17	14-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	NA	1309.25	7872	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.60	1143.63	7697	10347
Jawahar Sagar (Ft.)	980	970.4	974.00	977.30	8037	12466
Kota Barrage(Ft.)	854.5	852.3	854.50	854.30		
RMC					6225	
LMC					1100	
Bhakra(Ft.)	1690	1462	1647.93	1615.04	14563	7234
Dehar (Ft.)	2941	2900	2923.03	2916.92	2116	2358
Pong(Ft.)	1421	1260	1354.03	1346.08	12511	3617
Mahi-I (Mts.)	281.5	259	279.20	279.70	2632	NIL
Mahi-II (Mts.)	220.5	217	217.85	217.85	NA	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
14-Dec-17	KTPS	82724	4 DAYS
	STPS	80373	3 DAYS
	CHHABRA	38609	5 DAYS
	KALISINDH	120957	8.5 DAYS

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

14-Dec-17

## (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.15/97.14)	
DCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP(PERMISSION GIVEN BY RVNLI ON DATE 17.88.17 BUT PROBLEM IN DCCPP END )	
DCPP	GT92*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP(PERMISSION GIVEN BY RVNLI ON DATE 17.88.17 BUT PROBLEM IN DCCPP END )	
STPS	3*	250.00	229	0.00	0	02-Dec-17	19.11	13-Dec-17	4.84	BOXED UP
STPS	4*	250.00	229	0.00	0	03-Dec-17	14.51	14-Dec-17	6.48	FURNACE PRESSURE VERY HIGH/ BOXED UP BY RVNLI. M.NO. 9134 DT 03.12.17 W.E.F. 15.23.00RS
STPS	1*	250.00	229	0.00	0	05-Dec-17	13.52	13-Dec-17	5.26	BOXED UP
STPS	5*	250.00	229	55.00	229	07-Dec-17	22.16		BOXED UP	
STPS	2*	250.00	229	55.00	229	08-Dec-17	14.36		BOXED UP	
Total(A) STATE SECTOR- PLANNED OUTAGE		1540.00	1365.00	162.80	678.00					
CENTRAL SECTOR										
DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00		RESERVE SHUTDOWN	
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22		RESERVE SHUTDOWN	
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30		RESERVE SHUTDOWN	
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43		RESERVE SHUTDOWN	
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09		RESERVE SHUTDOWN	
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12		RESERVE SHUTDOWN	
AURAIYA GPS	2	111.19	18	4.40	18	18-Nov-17	20.59		LESS DEMAND	
AURAIYA GPS	5	109.20	12	2.90	12	10-Nov-17	21.10		LESS DEMAND	
AURAIYA GPS	1	111.19	18	4.40	18	10-Nov-17	21.13		LESS DEMAND	
ANTA GPS	3	88.71	31	7.50	31	10-Nov-17	21.21		LESS DEMAND	
ANTA GPS	2	88.71	31	7.50	31	10-Nov-17	21.50		LESS DEMAND	
ANTA GPS	4	153.20	34	8.20	34	10-Nov-17	21.51		LESS DEMAND	
ANTA GPS	1	88.71	31	7.50	31	10-Nov-17	22.19		LESS DEMAND	
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59	15-Dec-17	ANNUAL MAINTENANCE	
Total(A)-CENTRAL SECTOR- PLANNED OUTAGE		1696.20	329.00	79.70	329.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	28-Dec-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLARI
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	28-Dec-17		INSUFFICIENT COAL STOCK
RAMGARH	GT92	37.50	29	7.00	29	28-Oct-17	4.50	15-Dec-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOLVER CLEANING BY GAIL
KTPS	5	210.00	192	46.00	192	04-Dec-17	20.04	15-Dec-17		API-5B
KALISINDH	2	600.00	475	135.60	565	07-Dec-17	23.09	15-Dec-17		BOILER TUBE LEAKAGE
BARSINGAR	1	125.00	110	26.40	110	08-Dec-17	0.00	14-Dec-17		REFRACTORY PROBLEM
DCPP	HRSG1	55.00	50	12.00	50	11-Dec-17	21.12	15-Dec-17		SYSTEM LINE VOLTAGE INCREASED
RAMGARH	STG1	37.50	10	0.00	0	12-Dec-17	5.54	13-Dec-17	8.40	DP OF INTAKE AIR FILTER VERY HIGH
DCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34	15-Dec-17		AIR INLET DIFFERENTIAL PRESSURE HIGH
RAMGARH	GT91	35.50	29	0.00	0	13-Dec-17	4.00	13-Dec-17	5.53	GENERATOR BREAKER TRIPPED AND COMBUSTION TROUBLE
RAMGARH	STG1	37.50	10	0.00	0	13-Dec-17	4.00	13-Dec-17	8.20	GENERATOR BREAKER TRIPPED AND COMBUSTION TROUBLE
CTPP	3	250.00	210	54.00	210	13-Dec-17	12.27	16-Dec-17		ELECTICAL PROTECTION
RAJWEST	6	135.00	120	23.97	120	14-Dec-17	3.56	15-Dec-17		HEAVY BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2418.00	2004.50	489.77	2045.50					
CENTRAL SECTOR										
ENCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
RHAND-III	2	500.00	59	0.00	0	18-Dec-17	8.40	13-Dec-17	21.56	VACUUM LOW
Total(B)-CENTRAL SECTOR- FORCED OUTAGE		1000.00	59.00	0.00	0.00					
G.TOTAL				489.77	2045.50					

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 (S).