



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

Power Position 26-Dec-17	Point No.
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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	2014.88	1880.51	21.81	3.27	11008	9167	49.99	62.28
02-Dec-17	2124.01	1959.83	2008.18	1908.47	0.65	-3.47	10559	9092	49.99	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	244.96
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	10113	49.99	109.00
08-Dec-17	2026.08	2039.39	1912.45	1997.04	15.41	-6.11	10336	9998	49.98	88.44
09-Dec-17	1912.77	2039.32	1939.64	1989.13	52.10	3.39	10309	10071	49.94	29.51
10-Dec-17	1948.81	2079.45	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	45.13	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	1995.29	1959.87	23.48	11.74	10612	9082	49.95	224.53
15-Dec-17	2137.33	1969.21	1978.70	1993.13	31.79	25.08	10284	9403	49.95	228.63
16-Dec-17	1986.52	2021.53	1956.56	2023.97	16.90	16.58	10578	9339	50.00	250.85
17-Dec-17	2128.59	2024.55	1959.65	1994.20	14.01	5.28	10412	9159	50.01	257.48
18-Dec-17	2074.98	1923.96	1999.63	1958.58	21.70	25.87	11047	8995	49.98	170.05
19-Dec-17	2144.31	1986.95	2040.94	1970.49	40.85	22.47	11185	9241	49.98	129.62
20-Dec-17	2193.42	2035.28	2084.40	2021.79	46.11	17.02	11242	9445	49.98	87.73
21-Dec-17	2121.71	2049.50	2066.07	2010.83	31.57	28.57	11290	9490	49.99	70.44
22-Dec-17	2132.69	2019.84	2052.74	2022.91	20.87	28.59	11159	9425	49.96	65.88
23-Dec-17	2059.74	1957.81	2070.02	2000.79	25.47	16.74	11032	9223	49.95	20.39
24-Dec-17	2183.02	1950.76	2024.70	1985.05	17.35	22.48	10894	9272	49.96	25.24
25-Dec-17	2148.13	2095.72	2061.08	1997.64	40.41	1.84	10654	9342	49.96	42.56
26-Dec-17	2142.58	2114.31								
27-Dec-17										
28-Dec-17										
29-Dec-17										
30-Dec-17										
31-Dec-17										
MAXIMUM OF THE MONTH	2193.42	2114.31	2084.40	2023.97	52.10	45.13	11290.00	10113.00	50.01	257.48
MIN OF THE MONTH	1881.52	1839.91	1820.63	1852.49	-7.61	-6.11	9185.00	8633.00	49.92	18.98
AVERAGE	2039.68	1976.01	1975.85	1965.42	23.03	17.98	10561.80	9355.92	49.97	114.49

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)

11290

(07.45-08.00 Hrs.)

21-Dec-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

3. SYSTEM PARAMETERS AS ON 25-Dec-17

MAXIMUM DRAWL ON 25-Dec-17	10654 MW at 7.30-7.45 Hrs 49.91 Hz
MINIMUM DRAWL ON 25-Dec-17	6588 MW at 04.00-4.15 Hrs 49.98Hz
Max U/D of the day	245 MW at 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	8
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	21
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	22
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	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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.	26-Dec-17	26-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	1292.65	1308.11	8504	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.13	1141.30	8674	14080
Jawahar Sagar (Ft.)	980	970.4	975.90	976.40	NA	15715
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1640.04	1606.25	17980	5470
Dehar (Ft.)	2941	2900	2919.42	2900.30	1440	1689
Pong(Ft.)	1421	1260	1348.65	1341.33	13520	3035
Mahi-I (Mts.)	281.5	259	278.40	279.05	4200	NIL
Mahi-II (Mts.)	220.5	217	218.05	217.40	NA	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	25-Dec-17	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	563 MW at 12.30HRS 49.98 Hz		26-Dec-17	KTPS	110667	5.5 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	13.15					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.14					
ABOVE 50.05 HZ	9.71					
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	45					
No. of 132 KV Feeders Disconnected	0		26-Dec-17	KALISINDH	95742	6.5 days
STPS	40128	1.5 days				
CHHABRA	143495	19 days				
STPS	40128	1.5 days				

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

26-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 (S/D W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT#2	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
STPS	2*	250.00	229	55.00	229	08-Dec-17	14.36			BOXED UP
STPS	6*	250.00	229	55.00	229	21-Dec-17	22.12			BOXED UP
STPS	5*	250.00	229	55.00	229	23-Dec-17	9.30			BOXED UP
STPS	3*	250.00	229	55.00	229	24-Dec-17	20.03			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1290.00	1136.00	272.80	1136.00					
CENTRAL SECTOR										
DABRI GPS	4	120.19	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	1	111.19	18	4.40	18	10-Nov-17	21.13			LESS DEMAND
ANTA GPS	2	88.71	31	7.50	31	10-Nov-17	21.50			LESS DEMAND
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59			ANNUAL MAINTENANCE
ANTA GPS	3	88.71	31	7.50	31	18-Dec-17	11.16			RESERVE SHUTDOWN
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
AURAIYA GPS	5	109.00	18	4.40	18	19-Dec-17	19.42			RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	19-Dec-17	19.53			RESERVE SHUTDOWN
DABRI GPS	1	120.19	22	5.30	22	19-Dec-17	19.58			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1804.18	354.80	85.87	354.80					
(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
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.24			AIR INLET DIFFERENTIAL PRESSURE HIGH
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	10-Jan-18		ELECTRICAL PROTECTION(S/D) ON 10.01.2018)
RAJWEST	6	125.00	120	28.67	120	14-Dec-17	3.56			HEAVY BED MATERIAL LEAKAGE
BARSINGSAR	2	125.00	110	26.40	110	15-Dec-17	13.04	25-Dec-17		Refractory failure
RAMGARH	STG#2	50.00	40	9.60	40	23-Dec-17	0.01	12-Jan-18		SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
RAMGARH	GT#3	110.00	100	24.00	100	23-Dec-17	0.05	12-Jan-18		SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GT3 (21 DAYS)
CHHABRA	4	250.00	225	54.00	225	24-Dec-17	4.48	26-Dec-17		BOILER TUBE LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		1218.00	1024.50	249.47	1024.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ANTA GPS	4	153.20	34	8.20	34	18-Dec-17	0.00			
Total(B) CENTRAL SECTOR-FORCED OUTAGE		653.20	34.00	8.20	34.00					
G.TOTAL				257.67	1058.50					

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).