



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

Power Position 27-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	2114.18	1995.69	39.57	13.67	10853.00	9441	49.98	49.09
27.Dec.17	2239.29	1939.87								
28.Dec.17										
29.Dec.17										
30.Dec.17										
31.Dec.17										
MAXIMUM OF THE MONTH	2239.29	2114.31	2114.18	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		

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
		26-Dec-17		
1	KTPS (1240/1240)	270.00	270.00	255.94
2	STPS (1500/1500)	110.00	110.00	101.47
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	24.00	17.00	21.06
5	RAPP-A(200/200)	43.00	43.00	44.60
6	MAHI (140/140)	0.00	0.00	8.98
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	40.78
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	108.00	108.00	105.10
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	561.00	560.00	534.65
11	WIND FARM (3980.40/4119.15)	73.00	40.00	49.09
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	-29.65	-37.02	-37.02
16	BIOMASS – (101.95/119.25)	3.00	3.00	4.83
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	26.25
18	RAJWEST (1080/1080)	229.00	201.00	191.22
	TOTAL (A) : 1-18	1455.97	1379.60	1346.95
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	29.21	29.11	29.78
	b) DEHAR (198/ 990)	4.77	6.60	5.25
	c) PONG (231.66/396)	38.33	33.57	36.23
	TOTAL : a TO c	72.31	69.29	71.26
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	84.41	84.86	84.86
	e) RIHAND (310.24/3000)	117.69	118.67	118.74
	f) UNCHAHAR-I(20/420)	24.86	25.97	10.01
	g) UNCHAHAR-II& III(61/630)	41.68	41.71	25.84
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	28.60	18.98	27.04
	j) DADRI GAS (77/830)	9.90	13.10	11.55
	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)	9.94	9.96	9.96
	n) RAPP-B (125/440)	16.41	16.32	16.32
	o) RAPP-C (88/440)	19.91	19.72	19.72
	p) SALAL (20.36/690)	0.89	0.75	1.19
	q) URI (70.37/720)	2.07	2.18	2.02
	r) TANAKPUR (10.86/94)	0.56	0.61	0.48
	s) CHAMERA –I (105.84/540)	3.14	3.14	3.14
	t) CHAMERA-II (29.01/300)	1.16	1.21	1.16
	u) CHAMERA-III (25.21/231)	0.76	0.76	0.76
	v) DHAULIGANGA (27/280)	0.97	0.97	0.97
	w) DULHASTI (42.42/390)	3.26	3.16	3.16
	x) SEWA (13/120)	0.43	0.43	0.43
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.55	6.55	6.55
	z) TEHRI (75/1000)	7.81	7.81	7.81
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	6.00	6.00	6.18
	ab) TALA	0.41	0.41	0.41
	ac) MUNDRA UMPP (380/4000)	72.96	66.77	66.77
	ad) SASAN (372/3960)	88.68	88.68	88.68
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	23.88	25.28	24.61
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	645.25	633.28	609.61
	LOSSES	-44.20	-43.48	-41.89
	NET SCHEDULED	601.05	589.80	567.72
21	BILATERAL (REG.) EXCL. BANKING	3.69	3.69	3.69
22	BANKING	18.42	18.42	18.42
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.04	115.71	99.80
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	29.65	37.02	37.02
25	INDIAN ENERGY EXCHANGE	17.47	1.01	1.01
	TOTAL(B): (19 TO 25)	783.32	762.98	727.66
	TOTAL GENERATION (A +B) : 1 TO 25			2074.61
	OVER DRAWAL (+)/UNDER DRAWAL (-)			39.57
	GRAND TOTAL	2239.29	2142.58	2114.18
	LAST YEAR	1939.87	2114.31	1995.69

3. SYSTEM PARAMETERS AS ON 26-Dec-17

MAXIMUM DRAWL ON 26-Dec-17	10853 MW at 7.15-7.30 Hrs 49.90 Hz
MINIMUM DRAWL ON 26-Dec-17	6812 MW at 04.00-4.15 Hrs 49.97Hz
Max U/D of the day	390 MW at 13.30 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	28
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
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	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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 26-Dec-17	49.98 Hz
Max O/D of the day	572 MW at 15.15 HRS 49.96 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	9.13
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.78
ABOVE 50.05 HZ	13.09
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	70
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusses)	Inflow (cusses)
	Max.	Min.	27-Dec-17	27-Dec-16	26-Dec-17	26-Dec-17
Gandhi Sagar (Fl.)	1312	1250	1292.65	1308.19	8504	NA
R.P.Sagar (Fl.)	1157.5	1128	1136.01	1140.19	8674	NA
Jawahar Sagar (Fl.)	980	970.4	977.40	977.70	NA	NA
Kota Barrage(Fl.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Fl.)	1690	1462	1640.19	1605.60	18055	4651
Dehar (Fl.)	2941	2900	2922.63	2921.91	1402	2179
Pong(Fl.)	1421	1260	1348.12	1340.89	14801	2978
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)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
27.Dec.17	KTPS	118949	6 days
	STPS	36788	1.5 days
	CHHABRA	153785	20.5 days
	KALISINDH	80155	5.5 days

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

27. 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	22.Dec.17	0.30			BOXED UP
STPS	3*	250.00	229	55.00	229	24.Dec.17	20.03			BOXED UP
Total A I STATE SECTOR- PLANNED OUTAGE			1290.00	1136.00	272.80	1136.00				
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.30	22	18.Oct.17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25.Oct.17	22.22			RESERVE SHUTDOWN
DADRI 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
DADRI GPS	1	130.19	22	5.30	22	19.Dec.17	19.58			RESERVE SHUTDOWN
Total A-CENTRAL SECTOR- PLANNED OUTAGE			1804.18	354.80	85.87	354.80				

B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH
CHHABRA	3	250.00	210	54.00	210	13.Dec.17	12.27	10.Jan.18		ELECTICAL PROTECTION(S/D HR 10.01.2018)
RAJWEST	6	135.00	120	0.00	0	14.Dec.17	3.56	26.Dec.17	21.33	HEAVY BED MATERIAL LEAKAGE
BARSINGAR	2	125.00	110	26.40	110	15.Dec.17	13.04	29.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	27.Dec.17		BOILER TUBE LEAKAGE
CHHABRA	2	250.00	225	54.00	225	27.Dec.17	5.06	27.Dec.17		FLAM FAILURE
Total B I STATE SECTOR-FORCED OUTAGE			1460.00	1249.50	274.80	1130.00				
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 II CENTRAL SECTOR- FORCED OUTAGE			653.20	34.00	8.20	34.00				
G.TOTAL				283.00	1164.00					

STATE SECTOR

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
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	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH
CHHABRA	3	250.00	210	54.00	210	13.Dec.17	12.27	10.Jan.18		ELECTICAL PROTECTION(S/D HR 10.01.2018)
RAJWEST	6	135.00	120	0.00	0	14.Dec.17	3.56	26.Dec.17	21.33	HEAVY BED MATERIAL LEAKAGE
BARSINGAR	2	125.00	110	26.40	110	15.Dec.17	13.04	29.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	27.Dec.17		BOILER TUBE LEAKAGE
CHHABRA	2	250.00	225	54.00	225	27.Dec.17	5.06	27.Dec.17		FLAM FAILURE
Total B I STATE SECTOR-FORCED OUTAGE			1460.00	1249.50	274.80	1130.00				
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 II CENTRAL SECTOR- FORCED OUTAGE			653.20	34.00	8.20	34.00				
G.TOTAL				283.00	1164.00					

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 (\$).