



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

Power Position 11-Dec-17	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
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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										
1-Dec-17	2075.44	1839.91	2014.88	1880.51	21.81	3.27	11008	9167	49.99	62.28
2-Dec-17	2124.01	1959.83	2008.18	1908.47	0.65	-3.47	10559	9092	49.99	78.44
3-Dec-17	2073.93	1913.99	1960.75	1852.49	30.24	6.13	10391	9097	49.98	41.87
4-Dec-17	2061.26	1848.01	1986.65	1897.69	33.44	38.44	10652	9244	49.97	65.31
5-Dec-17	2056.53	1918.91	1911.82	1935.65	5.03	44.93	10380	9394	49.98	244.96
6-Dec-17	1947.37	1934.18	1820.63	1941.07	22.27	22.66	9851	9806	49.98	198.98
7-Dec-17	1909.86	2003.20	1875.03	1978.15	20.02	10.00	9836	10113	49.99	109.00
8-Dec-17	2026.08	2039.39	1912.45	1997.04	15.41	-6.11	10336	9998	49.98	88.44
9-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								
12-Dec-17										
13-Dec-17										
14-Dec-17										
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	2124.01	2079.45	2014.88	1997.04	52.10	44.93	11008.00	10113.00	49.99	244.96
MIN OF THE MONTH	1909.86	1839.91	1820.63	1852.49	0.65	-6.11	9836.00	9092.00	49.94	29.51
AVERAGE	2007.33	1968.52	1943.67	1937.59	22.87	12.71	10400.20	9574.80	49.98	107.38

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

4-Jul-17

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

413.67

6-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	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		8-Dec-17			9-Dec-17			10-Dec-17		
1	KTPS (1240/1240)	222.00	222.00	191.99	226.00	222.00	215.42	226.00	226.00	203.70
2	STPS (1500/1500)	0.00	110.00	74.56	55.00	0.00	21.77	55.00	55.00	45.41
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	25.49	0.00	0.00	31.25	0.00	0.00	32.56
4	RAMGARH (273.5/273.5)	47.00	47.00	35.56	41.00	47.00	39.35	46.00	41.00	37.98
5	RAPP-A(200/200)	42.00	42.00	43.78	42.00	42.00	43.84	42.00	42.00	43.84
6	MAHI (140/140)	0.00	0.00	8.15	0.00	0.00	6.79	0.00	0.00	7.40
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	27.07	38.62	38.62	42.75	38.62	38.62	33.95
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	221.00	196.18	197.00	221.00	201.75	221.00	197.00	195.04
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	258.40	209.00	188.39	278.88	258.40	231.40	264.22	278.88	242.81
11	WIND FARM (3980.40/4119.15)	63.50	66.00	88.44	51.00	63.50	29.51	96.00	51.00	154.98
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.02	0.00	0.00	0.27	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	-29.33	-31.82	-31.66	-26.72	-29.33	-29.33	-11.92	-26.72	-27.70
16	BIOMASS – (101.95/119.25)	3.00	4.00	2.91	4.00	3.00	3.96	5.00	4.00	4.70
17	BARSINGHSAR LTPS(250/250)	26.00	26.00	27.11	26.00	26.00	25.58	26.00	26.00	25.53
18	RAJWEST (1080/1080)	205.00	220.00	189.93	224.00	205.00	206.43	229.00	224.00	196.07
	TOTAL (A) : 1-18	1097.19	1173.80	1068.93	1156.78	1097.19	1070.73	1236.92	1156.78	1196.27
19	BBMB COMPLEX									
a)	BHAKRA(230.79/1516.3)	26.50	26.54	26.28	26.94	26.50	26.61	27.91	26.94	27.06
b)	DEHAR (198/ 990)	7.08	7.08	7.08	7.08	7.08	7.08	6.84	7.08	7.08
c)	PONG (231.66/396)	34.14	32.91	33.95	40.99	34.14	38.42	34.90	40.99	37.56
	TOTAL : a TO c	67.72	66.53	67.31	75.01	67.72	72.11	69.65	75.01	71.70
20	CENTRAL STATIONS									
d)	SINGRAULI (300/ 2000)	58.16	82.49	75.21	58.16	58.16	58.44	73.83	58.16	58.16
e)	RIHAND (310.24/3000)	130.12	129.32	129.32	107.23	130.12	130.00	104.23	107.23	107.23
f)	UNCHAHAHAR-I(20/420)	7.71	5.87	3.94	11.60	7.71	7.44	5.89	11.60	8.25
g)	UNCHAHAHAR-II& III(61/630)	16.42	15.68	10.08	19.18	16.42	15.54	17.34	19.18	15.95
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.36	17.27	10.28	14.33	17.36	14.65	17.46	14.33	8.10
j)	DADRI GAS (77/830)	10.47	7.86	7.08	7.89	10.47	18.26	8.02	7.89	23.96
k)	ANTA (83.07/419)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.94	9.84	9.84	9.89	9.94	9.94	9.96	9.89	9.89
n)	RAPP-B (125/440)	34.44	34.44	34.44	34.36	34.44	34.44	34.18	34.36	34.36
o)	RAPP-C (88/440)	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.81	0.84	0.70	0.60	0.81	0.60	0.65	0.60	0.63
q)	URI (70.37/720)	3.08	2.97	2.97	2.99	3.08	3.02	3.15	2.99	2.85
r)	TANAKPUR (10.86/94)	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
s)	CHAMERA –I (105.84/540)	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94
t)	CHAMERA-II (29.01/300)	1.16	1.11	1.21	1.16	1.16	1.23	1.16	1.16	1.16
u)	CHAMERA-III (25.21/231)	0.82	0.76	0.76	0.76	0.82	0.82	0.76	0.76	0.76
v)	DHAULIGANGA (27/280)	1.14	1.14	1.14	1.21	1.14	0.97	1.19	1.21	1.14
w)	DULHASTI (42.42/390)	3.05	3.05	3.05	3.05	3.05	3.05	2.99	3.05	3.05
x)	SEWA (13/120)	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.22	7.22	8.56	7.22	7.22	8.18	7.22	7.22	7.89
z)	TEHRI (75/1000)	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.11	2.55	5.70	3.11	3.11	5.36	3.11	3.11	5.36
ab)	TALA	0.49	0.56	0.56	0.52	0.49	0.49	0.53	0.52	0.52
ac)	MUNDRA UMPP (380/4000)	72.96	58.74	58.74	71.89	72.96	72.96	42.49	71.89	64.92
ad)	SASAN (372/3960)	72.84	83.70	79.81	57.60	72.84	65.58	48.00	57.60	55.04
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	28.25	23.48	21.67	28.56	28.25	28.05	23.69	28.56	25.62
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	575.77	583.92	560.88	544.81	575.77	579.62	503.99	544.81	537.01
	LOSSES	-33.49	-34.25	-35.20	-31.43	-33.49	-35.82	-27.74	-31.43	-33.12
	NET SCHEDULED	542.27	549.67	525.68	513.38	542.27	543.80	476.25	513.38	503.90
21	BILATERAL (REG.) EXCL. BANKING	4.65	4.65	4.65	4.65	4.65	4.34	4.67	4.65	3.75
22	BANKING	18.50	18.50	18.50	18.50	18.50	18.50	18.54	18.50	18.50
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	179.24	206.89	225.14	184.24	159.71	179.24	189.87	164.75	184.24
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	29.33	31.82	31.66	26.72	29.33	29.33	11.92	26.72	27.70
25	INDIAN ENERGY EXCHANGE	41.59	22.49	22.49	44.54	41.59	41.59	-3.24	44.54	44.54
	TOTAL(B): (19 TO 25)	815.59	852.27	828.12	792.03	815.59	816.80	698.01	792.03	782.63
	TOTAL GENERATION (A +B) : 1 TO 25			1897.05			1887.54			1978.90
	OVER DRAWAL (+)/UNDER DRAWAL (-)			15.41			52.10			27.73
	GRAND TOTAL	1912.77	2026.07	1912.46	1948.81	1912.77	1939.64	1934.93	1948.81	2006.63
	LAST YEAR	2039.32	2039.39	1996.64	2079.45	2039.32	1989.13	2030.09	2079.45	1995.65

3.SYSTEM PARAMETERS AS ON 10-Dec-17

MAXIMUM DRAWL ON 10-Dec-17	10680 MW at 08.15-08.30 Hrs 49.83 Hz
MINIMUM DRAWL ON 10-Dec-17	6451 MW at 04.00-4.15Hrs 49.94 Hz
Max U/D of the day	349 MW at 19.00-19.15 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	11
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	9
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	51
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	11
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	3
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	30
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
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	4
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on			Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Dec-17	11-Dec-16	10-Dec-17		
Gandhi Sagar (FL)	1312	1250	1294.96	1309.37	7880	118	
R.P.Sagar (FL)	1157.5	1128	1136.68	1143.73	1192	7353	
Jawahar Sagar (FL)	980	970.4	975.50	977.80	8208	7259	
Kota Barrage(FL)	854.5	852.3	854.50	854.30			
RMC					6225		
LMC					1100		
Bhakra(FL)	1690	1462	1649.10	1617.89	17164	6440	
Dehar (FL)	2941	2900	2920.80	2920.07	1944	1958	
Pong(FL)	1421	1260	1354.85	1347.57	13502	3166	
Mahi-I (Mts.)	281.5	259	279.70	279.85	2954	NIL	
Mahi-II (Mts.)	220.5	217	217.95	218.00	586	NIL	

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	10-Dec-17	49.96 Hz
Max O/D of the day	549 MW at 13.45-14.00 HRS	50.02 Hz
Frequency Profile	% of Time	
LESS THAN 49.7 HZ	0.00	
LESS THAN 49.90 HZ	16.33	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.79	
ABOVE 50.05 HZ	11.88	
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	55	
No. of 132 KV Feeders Disconnected	0	

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
11/Dec/17	KTPS	77950	4 DAYS
	STPS	63049	2.5 DAYS
	CHHABRA	27768	3.5 DAYS
	KALISINDH	124612	9 DAYS

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

11/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-Jun-14	8.20			RED MATERIAL LEAKAGE (SD W.E.F. 15.07.14)
DCCPP	HRS22*	55.00	50	12.00	50	13-Jun-16	16.35			BOXED UP (PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT22*	110.00	100	24.00	100	13-Jun-16	16.40			BOXED UP (PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
STPS	3*	250.00	229	55.00	229	2-Dec-17	19.11			BOXED UP
STPS	4*	250.00	229	55.00	229	3-Dec-17	14.51			FURNACE PRESSURE VERY HIGH; BOXED UP BY RVNVL M.NO. 9134 DT 03.12.17 W.E.F. 15.25 HRS
STPS	1*	250.00	229	55.00	229	5-Dec-17	13.52			BOXED UP
STPS	5*	250.00	229	55.00	229	7-Dec-17	22.16			BOXED UP
STPS	2*	250.00	229	55.00	229	8-Dec-17	14.26			BOXED UP
Total A STATE SECTOR- PLANNED OUTAGE		1540.00	1365.00	327.80	1365.00					
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	22.20			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	109.30	12	2.90	12	18-Nov-17	21.10			LESS DEMAND
AURAIYA GPS	1	111.19	18	4.40	18	18-Nov-17	21.13			LESS DEMAND
ANTA GPS	3	88.71	31	7.50	31	18-Nov-17	21.21			LESS DEMAND
ANTA GPS	2	88.71	31	7.50	31	18-Nov-17	21.50			LESS DEMAND
ANTA GPS	4	153.20	34	8.20	34	18-Nov-17	21.51			LESS DEMAND
ANTA GPS	1	88.71	31	7.50	31	18-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 B CENTRAL SECTOR- PLANNED OUTAGE		1696.20	329.00	79.70	329.00					

(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	
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	20-Dec-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	20-Dec-17		INSUFFICIENT COAL STOCK
RANGARIH	GT02	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 REVIOLATOR CLEANING BY GAIL
KTPS	5	210.00	192	46.00	192	4-Dec-17	20.04	13-Dec-17		APR-5B
KALISINDH	2	600.00	475	135.00	565	7-Dec-17	23.09	12-Dec-17		BOILER TUBE LEAKAGE
BARSINGGAR	1	125.00	110	26.40	110	8-Dec-17	0.00	12-Dec-17		REFRACTORY PROBLEM
RAJWEST	2	135.00	120	0.00	0	9-Dec-17	3.30	10-Dec-17	2.10	RED MATERIAL LEAKAGE
RANGARIH	STG2	50.00	40	0.00	0	9-Dec-17	22.29	10-Dec-17	4.51	DESYNCHRONIZED FOR ATTENDING THE PROBLEM OF BURNT B.T. FAN MOTOR OF GT3
RANGARIH	GT03	110.00	100	0.00	0	9-Dec-17	22.34	10-Dec-17	3.06	DESYNCHRONIZED FOR ATTENDING THE PROBLEM OF BURNT B.T. FAN MOTOR OF GT3
CHHABRA	2	250.00	225	0.00	0	10-Dec-17	16.54	10-Dec-17	10.55	DRUM LEVEL LOW
Total B STATE SECTOR-FORCED OUTAGE		2302.50	1960.50	375.80	1566.00					
CENTRAL SECTOR										
UNCHARAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNACE PRESSURE HIGH
UNCHARAR	3	210.00	27	0.00	0	26-Nov-17	22.08	10-Dec-17	18.11	TURBINE TUBE OIL PRESSURE LOW
SINGRAULI	7	500.00	85	20.50	85	8-Dec-17	17.08			BOILER TUBE LEAKAGE
DADRI- II	2	490.00	15	0.00	0	9-Dec-17	17.29	10-Dec-17	20.37	400 KV BUS BAR PROT. OPTD AT DADRI THERMAL SWITCHYARD(DROPPER CONDUCTOR OF BUS-1 SNAPPED AT DADRI(NTPC))
DADRI- II	1	490.00	15	0.00	0	9-Dec-17	17.29	10-Dec-17	5.01	400 KV BUS BAR PROT. OPTD AT DADRI THERMAL SWITCHYARD(DROPPER CONDUCTOR OF BUS-1 SNAPPED AT DADRI(NTPC))
RHANSRUH	2	500.00	59	14.20	59	10-Dec-17	0.40			VACUUM LOW
Total B CENTRAL SECTOR- FORCED OUTAGE		2690.00	201.00	34.70	85.00					
G.TOTAL			410.50	1651.00						

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 (\$).