



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

Power Position 04-Dec-17									Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency									1
Energy Availability / Generation from different Sources									2
System Parameters									3
Water Level of major Reservoirs									4
Position of Coal Stock at KTPS,STPS & CHHABRA									5
Outage of major Generating Units									6

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	2075.44	1839.91	2014.88	1880.51	21.81	3.27	11008	9167	49.99	62.28
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								
5-Dec-17										
6-Dec-17										
7-Dec-17										
8-Dec-17										
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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	1959.83	2014.88	1908.47	30.24	6.13	11008.00	9167.00	49.99	78.44
MIN OF THE MONTH	2061.26	1839.91	1960.75	1852.49	0.65	-3.47	10391.00	9092.00	49.98	41.87
AVERAGE	2070.33	1915.55	1994.60	1880.49	17.57	1.98	10652.67	9118.67	49.99	60.86
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)							11092	(07.30--07.45 Hrs.)	10-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									
											1-Dec-17			2-Dec-17			3-Dec-17		
1	KTPS (1240/1240)	271.00	220.00	203.91	271.00	271.00	235.11	271.00	271.00	236.70									
2	STPS (1500/1500)	328.00	324.00	281.19	273.00	328.00	267.52	220.00	273.00	211.41									
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	30.11	0.00	0.00	32.75	0.00	0.00	31.88									
4	RAMGARH (273.5/273.5)	45.00	44.00	43.03	45.00	45.00	43.23	45.00	45.00	42.77									
5	RAPP-A(200/200)	42.00	42.00	42.51	42.00	42.00	42.10	42.00	42.00	42.24									
6	MAHI (140/140)	0.00	0.00	8.71	0.00	0.00	7.54	0.00	0.00	8.43									
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	28.46	38.62	38.62	41.12	38.62	38.62	34.95									
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	216.00	207.70	221.00	221.00	204.94	221.00	221.00	198.77									
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	133.74	131.43	129.70	131.89	133.74	133.12	226.43	131.89	130.75									
11	WIND FARM (3980.40/4119.15)	70.50	71.00	62.28	61.00	70.50	78.44	38.00	61.00	41.87									
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00	0.00	0.00	0.00	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	14.36	21.41	21.41	-24.21	14.36	14.36	10.74	-24.21	-2.14									
16	BIOMASS – (101.95/119.25)	5.00	7.00	4.68	5.00	5.00	5.46	6.00	5.00	5.57									
17	BARSINGHSAR LTPS(250/250)	54.00	54.00	52.70	54.00	54.00	52.82	54.00	54.00	52.85									
18	RAJWEST (1080/1080)	175.00	201.00	177.85	172.00	175.00	140.78	172.00	172.00	144.35									
	TOTAL (A) : 1-18	1398.22	1370.46	1294.24	1290.30	1398.22	1299.29	1344.79	1290.30	1180.39									
19	BBMB COMPLEX																		
a)	BHAKRA(230.79/1516.3)	26.70	25.10	25.68	27.06	26.70	25.78	26.77	27.06	26.88									
b)	DEHAR (198/ 990)	6.92	6.92	6.91	7.23	6.92	7.47	6.60	7.23	5.80									
c)	PONG (231.66/396)	38.99	29.36	33.76	33.86	38.99	37.76	34.81	33.86	34.33									
	TOTAL : a TO c	72.61	61.38	66.36	68.15	72.61	71.01	68.17	68.15	67.01									
20	CENTRAL STATIONS																		
d)	SINGRAULI (300/ 2000)	80.81	57.78	64.09	84.75	80.81	80.81	86.13	84.75	85.70									
e)	RIHAND (310.24/3000)	126.83	123.23	123.23	129.12	126.83	126.97	131.49	129.12	129.12									
f)	UNCHAHAAR-I(20/420)	5.56	5.74	5.22	8.59	5.56	4.40	2.48	8.59	5.56									
g)	UNCHAHAAR-II& III(61/630)	15.36	15.31	13.49	16.09	15.36	10.51	18.24	16.09	12.00									
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.34	16.14	11.44	17.26	17.34	10.75	17.38	17.26	11.62									
j)	DADRI GAS (77/830)	3.59	3.55	3.55	6.38	3.59	3.11	7.83	6.38	12.21									
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)	9.84	10.73	10.73	9.80	9.84	9.84	9.86	9.80	9.80									
n)	RAPP-B (125/440)	34.36	34.44	34.44	34.36	34.36	34.36	34.44	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)	0.86	0.84	0.77	0.86	0.86	0.78	0.85	0.86	0.76									
q)	URI (70.37/720)	2.99	2.95	3.06	3.02	2.99	2.98	3.02	3.02	2.98									
r)	TANAKPUR (10.86/94)	0.60	0.57	0.57	0.88	0.60	0.57	0.87	0.88	0.89									
s)	CHAMERA-I (105.84/540)	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14									
t)	CHAMERA-II (29.01/300)	1.16	1.16	1.35	1.16	1.16	1.16	1.21	1.16	1.26									
u)	CHAMERA-III (25.21/231)	0.76	0.76	0.76	0.76	0.76	0.89	0.76	0.76	0.76									
v)	DHAULIGANGA (27/280)	1.15	1.22	1.18	1.15	1.15	1.08	1.15	1.15	1.15									
w)	DULHASTI (42.42/390)	3.48	3.48	3.48	3.26	3.48	3.48	3.37	3.26	3.26									
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)	8.18	8.18	8.66	7.70	8.18	7.85	7.70	7.70	7.70									
z)	TEHRI (75/1000)	4.87	4.87	3.68	4.87	4.87	4.84	4.87	4.87	4.66									
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.33	5.47	5.40	3.33	3.33	5.79	2.68	3.33	5.21									
ab)	TALA	0.61	0.65	0.65	0.63	0.61	0.61	0.57	0.63	0.63									
ac)	MUNDRA UMPP (380/4000)	56.80	65.36	61.72	67.38	56.80	55.60	58.90	67.38	65.48									
ad)	SASAN (372/3960)	74.77	85.37	82.60	88.68	74.77	74.77	87.93	88.68	88.68									
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.11	23.48	20.16	28.69	22.11	19.63	23.69	28.69	26.19									
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 SCHEDULED(a TO af)	570.99	555.67	549.72	609.91	570.99	554.80	596.63	609.91	600.02									
	LOSSES	-36.18	-36.87	-36.69	-38.48	-36.18	-37.37	-35.06	-38.48	-40.04									
	NET SCHEDULED	534.81	518.80	513.03	571.42	534.81	517.43	561.57	571.42	559.97									
21	BILATERAL (REG.) EXCL. BANKING	4.39	4.63	4.24	4.05	4.39	4.23	4.07	4.05	4.05									
22	BANKING	18.45	18.45	18.45	18.45	18.45	18.45	18.50	18.45	18.45									
23	BILATERAL(INTER-REG.) EXCLUDING (ISQA & BANKING)	183.65	108.32	128.03	125.71	164.16	183.65	126.54	128.71	125.71									
24	INTER STATE OPEN ACCESS (BILATERAL+EX)	-14.36	-21.41	-21.41	24.21	-14.36	-14.36	-10.74	24.21	2.14									
25	INDIAN ENERGY EXCHANGE	-1.16	56.49	56.49	39.78	-1.16	-1.16	16.52	39.78	39.78									
	TOTAL(B): (19 TO 25)	725.79	704.98	698.83	783.63	725.79	708.24	716.46	783.63	750.11									
	TOTAL GENERATION (A +B) : 1 TO 25			1993.07			2007.53			1930.50									
	OVER DRAWAL (+)/UNDER DRAWAL (-)			21.81			0.65			30.24									
	GRAND TOTAL	2124.01	2075.44	2014.88	2073.93	2124.01	2008.18	2061.26	2073.93	1960.75									
	LAST YEAR	1959.83	1839.91	1880.51	1913.99	1959.83	1908.47	1848.01	1913.99	1852.49									

3. SYSTEM PARAMETERS AS ON 03-Dec-17

MAXIMUM DRAWL ON 03-Dec-17	10391 MW at 08.30-08.45 Hrs 49.87 Hz
MINIMUM DRAWL ON 03-Dec-17	6526 MW at 04.00-04.15 Hrs 49.95 Hz
Max U/D of the day	557 MW at 22.15HRS 50.05 Hz
Max. OD 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	4
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	50
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	19
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	31
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	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	10
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	7
No. of Blocks in which Freq. >= 50.10	1
NO. OF VIOLATION(UD BLOCKS)IN WHICH FREQ. >= 50.10	1

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	4-Dec-17	4-Dec-16		
Gandhi Sagar (FL)	1312	1250	NA	1310.03	5995	NA
R.P.Sagar (FL)	1157.5	1128	1136.80	1143.89	7033	NA
Jawahar Sagar (FL)	980	970.4	976.30	977.70	8253	NA
Kota Barrage(FL)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1653.06	1622.05	16609	6779
Dehar (Ft.)	2941	2900	2922.11	2919.22	1513	2068
Pong(Ft.)	1421	1260	1357.96	1349.67	13003	1946
Mahi-I (Mts.)	281.5	259	279.85	280.35	3216	NIL
Mahi-II (Mts.)	220.5	217	217.70	217.45	246	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	3-Dec-17	49.98 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	581 MW at 15.45 HRS 50.01Hz		4/Dec/17	KTPS	57532	3 DAYS
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	9.95					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.01			STPS	45089	2 DAYS
ABOVE 50.05 HZ	19.04					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			CHHABRA	36614	5 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0		KALISINDH			

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

4/Dec/17

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.											
(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)	
DCPP	HRS#2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END)	
DCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCPP 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 RU/NL MNO. 9134 DT 03.12.17 W.E.F. 15.25 HRS	
Total(A) STATE SECTOR- PLANNED OUTAGE			790.00	678.00	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	10-Nov-17	20.59			LESS DEMAND	
DABRI GPS	2	130.19	22	5.30	22	10-Nov-17	21.09			LESS DEMAND	
AURAIYA GPS	5	109.30	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	
Total(A)-(C)CENTRAL SECTOR- PLANNED OUTAGE			1626.39	317.00	76.80	317.00					
(B) FORCE OUTAGE											
STATE SECTOR											
STATE SECTOR											
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	15-Dec-17		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4	
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	5-Dec-17		INSUFFICIENT COAL STOCK	
RANGARI	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	5-Dec-17		DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVOLTOR CLEANING BY GAIL.	
RAJWEST	7	135.00	120	28.68	120	22-Nov-17	19.16	5-Dec-17		GENERATOR ELECTRICAL PROTECTION FAILURE	
KALISINDH	2	600.00	475	30.79	475	29-Nov-17	8.24	4-Dec-17	5.27	BOILER TUBE LEAKAGE	
KALISINDH	1	600.00	136	136.00	475	29-Nov-17	11.53	5-Dec-17		BOILER TUBE LEAKAGE	
RAJWEST	8	135.00	120	28.68	120	2-Dec-17	2.00	5-Dec-17		CONDENSER TUBE LEAKAGE	
Total(B) STATE SECTOR-FORCED OUTAGE			2292.50	1549.60	391.95	1889.00					
CENTRAL SECTOR											
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH	
SINGRAULI	4	200.00	34	8.20	34	20-Nov-17	21.51			DESYNCHRONIZED DUE TO AIR PRE HEATER PROBLEM	
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59			ANNUAL OVERHAULING WORK	
Total(B) CENTRAL SECTOR- FORCED OUTAGE			900.00	68.00	16.40	68.00					
G.TOTAL			408.35	1957.00							

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 (\$).