

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
		6-Dec-17		
1	KTPS (1240/1240)	227.00	226.00	191.71
2	STPS (1500/1500)	162.00	162.00	136.63
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	27.06
4	RAMGARH (273.5/273.5)	46.00	46.00	43.31
5	RAPP-A(200/200)	42.00	42.00	43.40
6	MAHI (140/140)	0.00	0.00	10.19
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	40.51
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	221.00	216.00	194.02
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	131.50	112.00	108.46
11	WIND FARM (3980.40/4119.15)	60.50	200.00	198.98
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	-25.40	3.63	3.35
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.66
17	BARSINGHAR LTPS(250/250)	53.00	53.00	52.59
18	RAJWEST (1080/1080)	201.00	201.00	140.52
	TOTAL (A) : 1-18	1162.22	1305.25	1195.39
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.74	27.50	27.08
b)	DEHAR (198/ 990)	7.24	7.24	6.84
c)	PONG (231.66/396)	32.91	34.14	33.19
	TOTAL : a TO c	66.89	68.88	67.11
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	59.55	63.31	43.84
e)	RIHAND (310.24/3000)	130.53	106.49	106.49
f)	UNCHAHAHAR-I(20/420)	9.07	5.31	3.03
g)	UNCHAHAHAR-II& III(61/630)	18.94	13.53	7.34
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.36	14.53	9.53
j)	DADRI GAS (77/830)	7.85	6.94	12.89
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	9.90	9.90
n)	RAPP-B (125/440)	34.44	34.44	34.44
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.82	0.82	0.68
q)	URI (70.37/720)	2.99	3.00	2.95
r)	TANAKPUR (10.86/94)	0.80	0.81	0.81
s)	CHAMERA –I (105.84/540)	2.94	2.94	2.94
t)	CHAMERA-II (29.01/300)	1.04	1.28	1.28
u)	CHAMERA-III (25.21/231)	0.76	0.88	0.88
v)	DHAULIGANGA (27/280)	1.15	1.15	1.15
w)	DULHASTI (42.42/390)	3.16	3.26	3.26
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.03	7.04	7.51
z)	TEHRI (75/1000)	4.87	3.97	4.01
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.01	4.98	4.90
ab)	TALA	0.56	0.56	0.56
ac)	MUNDRA UMPP (380/4000)	58.48	53.34	47.72
ad)	SASAN (372/3960)	84.53	65.09	61.84
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.23	21.49	16.74
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	570.74	513.82	471.69
	LOSSES	-35.51	-32.01	-29.41
	NET SCHEDULED	535.23	481.81	442.28
21	BILATERAL (REG.) EXCL. BANKING	4.42	4.30	4.30
22	BANKING	18.50	18.50	18.50
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	139.45	125.42	143.82
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	25.40	-3.63	-3.35
25	INDIAN ENERGY EXCHANGE	24.64	-2.68	-2.68
	TOTAL(B): (19 TO 25)	747.64	642.12	602.88
	TOTAL GENERATION (A +B) : 1 TO 25			1798.27
	OVER DRAWAL (+)/UNDER DRAWAL (-)			22.37
	GRAND TOTAL	1909.86	1947.37	1820.64
	LAST YEAR	2003.20	1934.18	1941.07

3. SYSTEM PARAMETERS AS ON 06-Dec-17

MAXIMUM DRAWL ON 06-Dec-17	9851 MW at 8.15-8.30 Hrs 49.90 Hz
MINIMUM DRAWL ON 06-Dec-17	5837 MW at 04.00-4.15Hrs 50.03 Hz
Max U/D of the day	470 MW at 19.15 HRS 50.01 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	5
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	54
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	34
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
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 6-Dec-17	49.98 Hz
Max O/D of the day	591 MW at 8.30HRS 49.90Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	10.21
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.50
ABOVE 50.05 HZ	14.29
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	12
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.	7-Dec-17	7-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	1295.55	1309.85	7777	84
R.P.Sagar (Ft.)	1157.5	1128	1136.70	1143.94	6898	6898
Jawahar Sagar (Ft.)	980	970.4	977.30	975.50	5430	5430
Kota Barrage(Ft.)	854.5	852.3	NA	854.20		
RMC					6225	
L.M.C					1500	
Bhakra(Ft.)	1690	1462	1651.29	1620.03	16434	5889
Dehar (Ft.)	2941	2900	2923.88	2918.70	1872	2191
Pong(Ft.)	1421	1260	1326.65	1349.10	12503	2648
Mahi-I (Mts.)	281.5	259	279.70	280.05	3216	NIL
Mahi-II (Mts.)	220.5	217	217.95	218.60	246	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
7/Dec/17	KTPS	59897	3 DAYS
	STPS	43519	1.5 DAYS
	CHHABRA	22153	3 DAYS
	KALISINDH	122072	8.5 DAYS

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

7/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	HRSG2*	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	GT2*	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	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 RUVNL 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
Total(A) STATE SECTOR- PLANNED OUTAGE										
			1040.00	907.00	217.80	907.00				

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	2	111.19	18	4.40	18	10-Nov-17	20.59			LESS DEMAND
DADRI 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(B) 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-1
ADANI	1	600.00	600	144.00	600	23-Sep-17	5.45	7-Dec-17		INSUFFICIENT COAL STOCK
RAMGARH	GT02	37.50	29	7.00	29	28-Oct-17	4.50	7-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	7-Dec-17		GENERATOR ELECTRICAL PROTECTION FAILURE
KALISINDH	1	600.00	136	136.00	475	29-Nov-17	11.53	7-Dec-17		BOILER TUBE LEAKAGE
KALISINDH	2	600.00	475	136.00	475	4-Dec-17	10.01	7-Dec-17		B.T.L
KTPS	5	210.00	192	46.00	192	4-Dec-17	20.04	7-Dec-17		APH-SB
Total(B) STATE SECTOR-FORCED OUTAGE										
			2367.50	1621.60	514.48	1961.00				

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
SINGRAULI	4	200.00	34	0.00	0	20-Nov-17	21.51	29-Nov-17	1.00	DESYNCHRONIZED DUE TO AIR PRE HEATER PROBLEM
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59			ANNUAL OVERHAULING WORK
SINGRAULI	6	200.00	34	8.20	34	6-Dec-17	6.32			BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE										
			1100.00	102.00	16.40	68.00				

G.TOTAL

530.88

2029.00

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 (\$).