

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
		5-Dec-17		
1	KTPS (1240/1240)	226.00	222.00	182.95
2	STPS (1500/1500)	162.00	216.00	155.69
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	33.30
4	RAMGARH (273.5/273.5)	46.00	46.00	38.89
5	RAPP-A(200/200)	42.00	42.00	42.82
6	MAHI (140/140)	0.00	0.00	7.60
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	30.69
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	216.00	211.00	182.58
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	112.00	131.43	118.48
11	WIND FARM (3980.40/4119.15)	200.00	122.00	244.96
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	3.63	-8.84	12.92
16	BIOMASS – (101.95/119.25)	5.00	6.00	4.62
17	BARSINGHAR LTPS(250/250)	53.00	54.00	52.59
18	RAJWEST (1080/1080)	201.00	172.00	125.48
	TOTAL (A) : 1-18	1305.25	1252.21	1233.57
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	27.50	26.95	26.98
b)	DEHAR (198/ 990)	7.24	6.45	7.16
c)	PONG (231.66/396)	34.14	35.38	34.43
	TOTAL : a TO c	68.88	68.77	68.57
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	63.31	88.26	76.86
e)	RIHAND (310.24/3000)	106.49	130.81	131.35
f)	UNCHAHAHAR-I(20/420)	5.31	16.06	6.94
g)	UNCHAHAHAR-II& III(61/630)	13.53	23.37	9.86
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.53	24.74	8.20
j)	DADRI GAS (77/830)	6.94	22.90	5.97
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)	9.90	9.85	9.85
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	0.74
q)	URI (70.37/720)	3.00	3.00	3.07
r)	TANAKPUR (10.86/94)	0.81	0.86	0.83
s)	CHAMERA –I (105.84/540)	2.94	2.94	2.94
t)	CHAMERA-II (29.01/300)	1.28	1.16	1.16
u)	CHAMERA-III (25.21/231)	0.88	0.76	0.76
v)	DHAULIGANGA (27/280)	1.15	1.08	1.08
w)	DULHASTI (42.42/390)	3.26	3.26	3.26
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.04	7.70	7.60
z)	TEHRI (75/1000)	3.97	4.87	4.87
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	4.98	5.14	5.14
ab)	TALA	0.56	0.56	0.56
ac)	MUNDRA UMPP (380/4000)	53.34	68.66	49.47
ad)	SASAN (372/3960)	65.09	85.54	70.77
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	21.49	26.71	14.38
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	513.82	652.14	538.58
	LOSSES	-32.01	-40.38	-34.15
	NET SCHEDULED	481.81	611.76	504.43
21	BILATERAL (REG.) EXCL. BANKING	4.30	4.07	4.07
22	BANKING	18.50	18.50	18.50
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	143.82	142.27	135.62
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-3.63	8.84	-12.92
25	INDIAN ENERGY EXCHANGE	-2.68	23.51	23.51
	TOTAL(B): (19 TO 25)	642.12	804.33	673.22
	TOTAL GENERATION (A +B) : 1 TO 25			1906.78
	OVER DRAWAL (+)/UNDER DRAWAL (-)			5.03
	GRAND TOTAL	1947.37	2056.53	1911.81
	LAST YEAR	1934.18	1918.91	1935.67

3. SYSTEM PARAMETERS AS ON 05-Dec-17

MAXIMUM DRAWL ON 05-Dec-17	10380 MW at 7.45-08.00 Hrs 49.97 Hz
MINIMUM DRAWL ON 05-Dec-17	6282 MW at 21.45-22.00 Hrs 50.13 Hz
Max U/D of the day	485 MW at 13.45 HRS 49.98 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	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	32
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
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
AVERAGE FREQ. FOR THE DAY 5-Dec-17	49.98 Hz
Max O/D of the day	578 MW at 9.45HRS 49.97Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	NA
LESS THAN 49.90 HZ	NA
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	NA
ABOVE 50.05 HZ	#VALUE!
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	0
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.	6-Dec-17	6-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	1195.83	1309.97	5995	6283
R.P.Sagar (Ft.)	1157.5	1128	1136.65	1143.93	7033	7120
Jawahar Sagar (Ft.)	980	970.4	976.20	976.40	8253	6619
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1652.45	1680.73	16733	5831
Dehar (Ft.)	2941	2900	2923.16	2916.53	1724	2060
Pong(Ft.)	1421	1260	1357.50	1349.29	13303	2246
Mahi-I (Mts.)	281.5	259	279.70	280.10	3216	NIL
Mahi-II (Mts.)	220.5	217	217.95	218.15	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
6/Dec/17	KTPS	62974	3 DAYS
	STPS	42222	2 DAYS
	CHHABRA	12534	1.5 DAYS
	KALISINDH	114648	8 DAYS

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

6/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	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										
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(A) CENTRAL SECTOR-PLANNED OUTAGE										

(B) FORCED OUTAGE

STATE SECTOR										
STATE SECTOR										
GIRAL	ADANI	RAMGARH	RAJWEST	KALISINDH	RAJWEST	KALISINDH	CHHABRA	KTPS	Total(B) STATE SECTOR-FORCED OUTAGE	
2	1	37.50	7	1	8	2	2	5	2752.50	1966.60
125.00	600.00	37.50	135.00	136.00	135.00	600.00	250.00	210.00		
70	600	29	120	136	120	475	225	192	514.48	1961.00
16.80	144.00	7.00	28.68	136.00	0.00	475	0.00	46.00		
70	600	29	120	136	0	475	0	192		
27-Jan-16	23-Sep-17	28-Oct-17	22-Nov-17	29-Nov-17	2-Dec-17	4-Dec-17	4-Dec-17	4-Dec-17		
15.27	5.45	4.50	19.16	11.53	2.00	10.01	21.17	20.04		
15-Dec-17	6-Dec-17	6-Dec-17	6-Dec-17	6-Dec-17	5-Dec-17	6-Dec-17	5-Dec-17			
					11.06		2.16			
DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-1										
INSUFFICIENT COAL STOCK										
DESYNCHRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER S/D FOR REVOLTOR CLEANING BY GAIL										
GENERATOR ELECTRICAL PROTECTION FAILURE										
BOILER TUBE LEAKAGE										
CONDENSER TUBE LEAKAGE										
B.T.L										
DRUM LEVEL HIGH										
API-SB										

(B) FORCED OUTAGE

CENTRAL SECTOR										
CENTRAL SECTOR										
UNCHAHAR	SINGRAULI	SINGRAULI	Total(B) CENTRAL SECTOR-FORCED OUTAGE		G.TOTAL					
6	4	3	900.00	68.00	530.88	2029.00				
500.00	200.00	200.00								
NA	34	34								
NA	8.20	8.20								
1-Nov-17	20-Nov-17	21-Nov-17								
15.40	21.51	5.29								
FURNISHI PRESSURE HIGH										
DESYNCHRONIZED DUE TO AIR PRE HEATER PROBLEM										
ANNUAL OVERHAULING WORK										

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 (\$).