

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
		4-Dec-17		
1	KTPS (1240/1240)	222.00	271.00	246.89
2	STPS (1500/1500)	216.00	220.00	197.62
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	34.07
4	RAMGARH (273.5/273.5)	46.00	45.00	43.24
5	RAPP-A(200/200)	42.00	42.00	42.48
6	MAHI (140/140)	0.00	0.00	7.43
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	35.58
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	211.00	221.00	195.02
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	131.43	226.43	137.90
11	WIND FARM (3980.40/4119.15)	122.00	38.00	65.31
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	-8.84	10.74	10.49
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.00
17	BARSINGHAR LTPS(250/250)	54.00	54.00	52.73
18	RAJWEST (1080/1080)	172.00	172.00	154.10
	TOTAL (A) : 1-18	1252.21	1344.79	1227.86
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	26.95	26.77	27.07
b)	DEHAR (198/ 990)	6.45	6.60	6.28
c)	PONG (231.66/396)	35.38	34.81	35.47
	TOTAL : a TO c	68.77	68.17	68.82
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	88.26	86.13	86.72
e)	RIHAND (310.24/3000)	130.81	131.49	131.61
f)	UNCHAHAHAR-I(20/420)	16.06	2.48	3.80
g)	UNCHAHAHAR-II& III(61/630)	23.37	18.24	17.28
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	24.74	17.38	16.91
j)	DADRI GAS (77/830)	22.90	7.83	17.00
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)	9.85	9.86	9.86
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	0.85	0.77
q)	URI (70.37/720)	3.00	3.02	2.94
r)	TANAKPUR (10.86/94)	0.86	0.87	0.85
s)	CHAMERA –I (105.84/540)	2.94	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.16	1.21	1.11
u)	CHAMERA-III (25.21/231)	0.76	0.76	0.76
v)	DHAULIGANGA (27/280)	1.08	1.15	1.15
w)	DULHASTI (42.42/390)	3.26	3.37	3.37
x)	SEWA (13/120)	0.26	0.26	0.26
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.70	7.70	7.33
z)	TEHRI (75/1000)	4.87	4.87	4.87
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	5.14	2.68	5.15
ab)	TALA	0.56	0.57	0.57
ac)	MUNDRA UMPP (380/4000)	68.66	58.90	58.90
ad)	SASAN (372/3960)	85.54	87.93	87.93
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.71	23.69	23.06
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	652.14	596.63	608.23
	LOSSES	-40.38	-35.06	-38.01
	NET SCHEDULED	611.76	561.57	570.22
21	BILATERAL (REG.) EXCL. BANKING	4.07	4.07	4.07
22	BANKING	18.50	18.50	18.50
23	BILATERAL (INTER-REG.), EXCLUDING (ISOA & BANKING)	137.64	108.45	126.54
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	8.84	-10.74	-10.49
25	INDIAN ENERGY EXCHANGE	23.51	16.52	16.52
	TOTAL (B): (19 TO 25)	804.33	716.46	725.36
	TOTAL GENERATION (A +B) : 1 TO 25			1953.22
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.44
	GRAND TOTAL	2056.53	2061.26	1986.66
	LAST YEAR	1918.91	1848.01	1897.68

3. SYSTEM PARAMETERS AS ON 04-Dec-17

MAXIMUM DRAWL ON 04-Dec-17	10652 MW at 08.15-08.30 Hrs 49.97 Hz
MINIMUM DRAWL ON 04-Dec-17	6340 MW at 04.00-04.15 Hrs 50.01 Hz
Max U/D of the day	353 MW at 22.15 HRS 50.04 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	8
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	12
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
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	11
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	7
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 4-Dec-17	49.97 Hz
Max O/D of the day	466 MW at 10.15 HRS 49.93Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	13.94
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	71.75
ABOVE 50.05 HZ	14.31
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	43
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.	5-Dec-17	5-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	1195.83	1310.09	5995	6283
R.P.Sagar (Ft.)	1157.5	1128	1136.65	1143.92	7033	7120
Jawahar Sagar (Ft.)	980	970.4	976.20	977.40	8253	6619
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1652.45	1621.38	16733	5831
Dehar (Ft.)	2941	2900	2923.16	2917.45	1724	2060
Pong(Ft.)	1421	1260	1357.50	1349.48	13303	2246
Mahi-I (Mts.)	281.5	259	279.70	280.30	3216	NIL
Mahi-II (Mts.)	220.5	217	217.95	217.85	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
5/Dec/17	KTPS	54540	3 days
	STPS	49366	2 days
	CHHABRA	16654	2 days
	KALISINDH	103512	7.5 days

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

5/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	HRSR2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RVNVL 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 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
Total(A) STATE SECTOR- PLANNED OUTAGE			790.00	678.00	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	23.42			RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	18-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)CENTRAL SECTOR- PLANNED OUTAGE			1626.39	317.00	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-I
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	5-Dec-17		INSUFFICIENT COAL STOCK
RAMGARH	GT2	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	0.00	0	29-Nov-17	8.24	4-Dec-17	5.37	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
KALISINDH	2	600.00	475	136.00	475	4-Dec-17	10.01			B.T.L
CHHABRA	2	250.00	225	0.00	0	4-Dec-17	14.50	4-Dec-17	17.59	FLAME FAILURE
KTPS	5	210.00	192	46.00	192	4-Dec-17	20.04			APH-5B
CHHABRA	2	250.00	225	5.00	21	4-Dec-17	21.17	5-Dec-17	2.16	DRUM LEVEL HIGH
Total(B) STATE SECTOR-FORCED OUTAGE			3602.50	2666.60	548.16	2102.00				
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			564.56	2170.00						

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 (\$).										
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