

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received
		4-Dec-18		
1	KTPS (1240/1240)	270.00	270.00	227.00
2	STPS (1500/1500)	165.00	220.00	156.09
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	17.00	17.00	16.13
5	RAPP-A(200/200)	35.00	40.00	37.47
6	MAHI (140/140)	0.00	0.00	11.16
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	32.27
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	282.00	282.00	336.97
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	542.00	532.00	401.94
11	WIND FARM (4139.20/4292.95)	30.50	46.00	70.35
12	SOLAR POWER(1661.70/2250.16)	143.38	141.58	135.86
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.57
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	4.00	5.58
17	BARSINGHSAR LTPS(250/250)	25.00	27.00	27.38
18	RAJWEST (1080/1080)	172.00	172.00	129.79
	TOTAL (A) : 1-18	1725.88	1790.58	1612.56
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	17.28	17.41	17.41
b)	DEHAR (198/ 990)	7.62	7.56	7.24
c)	PONG (231.66/396)	34.91	34.64	34.74
	TOTAL : a TO c	59.81	59.61	59.38
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	91.96	97.08	97.37
e)	RIHAND (310.24/3000)	99.50	103.88	103.30
f)	UNCHAHAHAR-I(20/420)	5.93	5.86	3.27
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	20.69	19.21	9.11
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	14.91	16.60	4.96
j)	DADRI GAS (77/830)	2.50	2.41	1.17
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.60	0.00	0.00
m)	NAPP (44/440)	9.36	9.36	9.36
n)	RAPP-B (125/440)	18.19	15.66	15.66
o)	RAPP-C (88/440)	18.92	18.87	18.87
p)	SALAL (20.36/690)	0.87	0.77	0.68
q)	URI (70.37/720)	6.28	6.64	6.09
r)	TANAKPUR (10.86/94)	0.94	0.95	0.92
s)	CHAMERA –I (105.84/540)	4.31	4.31	4.31
t)	CHAMERA-II (29.01/300)	1.75	1.85	1.78
u)	CHAMERA-III (25.21/231)	0.83	0.83	1.09
v)	DHAULIGANGA (27/280)	1.24	1.24	1.24
w)	DULHASTI (42.42/390)	3.95	3.86	3.86
x)	SEWA (13/120)	0.31	0.40	0.40
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.07	8.05	8.05
z)	TEHRI (75/1000)	4.84	4.84	4.84
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.93	5.95	5.86
ab)	TALA	0.37	0.37	0.37
ac)	MUNDRA UMPP (380/4000)	70.24	78.77	71.95
ad)	SASAN (372/3960)	77.70	83.97	80.84
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.59	26.95	20.68
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	554.57	578.30	535.43
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	554.57	578.30	535.43
21	BILATERAL (REG.) EXCL. BANKING	4.55	4.55	4.55
22	BANKING	31.49	31.49	31.49
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	113.37	153.65	122.04
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-27.73
25	INDIAN ENERGY EXCHANGE	7.30	39.23	39.23
	TOTAL(B): (19 TO 25)	711.28	775.73	705.01
	TOTAL GENERATION (A +B) : 1 TO 25			2317.57
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-10.94
	GRAND TOTAL	2437.16	2566.31	2306.63
	LAST YEAR	2112.90	2061.26	2071.16

3. SYSTEM PARAMETERS AS ON 04-Dec-18

MAXIMUM DRAWL ON 04-Dec-18	11989 MW at 09.15-09.30 Hrs 49.91 HZ
MINIMUM DRAWL ON 04-Dec-18	6983 MW at 04.00-04.15 Hrs 50.01 HZ
Max U/D of the day	487 MW at 12.45-13.00 Hrs 49.93 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	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	68
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	13
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	21
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	4
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	0
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
AVERAGE FREQ. FOR THE DAY 4-Dec-18	49.96 Hz
Max O/D of the day	584 MW at 14.00-14.15 Hrs 49.97 HZ
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.	5-Dec-18	5-Dec-17		
Gandhi Sagar (Ft.)	1312	1250	1283.80	1300.57	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	1147.85	#REF!	4013	NA
Jawahar Sagar (Ft.)	980	970.4	977.00	976.00	6613	NA
Kota Barrage(Ft.)	854.5	852.3	854.30	854.40		
RMC					5175	
LMC					850	
Bhakra(Ft.)	1690	1462	1665.97	1662.72	10254	7918
Dehar (Ft.)	2941	2900	2921.39	2919.55	2060	2495
Pong(Ft.)	1421	1260	1374.31	1366.55	12890	2376
Mahi-I (Mts.)	281.5	259	279.45	281.45	2907	NIL
Mahi-II (Mts.)	220.5	217	217.35	217.40	850	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-18	KTPS	363647	18 days
	STPS	174005	7 days
	CHHABRA	179371	24 days
	KALISINDH	129675	9 days

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

5-Dec-18

(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	60	14.00	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.87.14)
RAMGARH	STG2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
DCPP	HRSG2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	HRSG1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCPP	GT2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCPP	GT1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	2	250.00	229	55.00	229	19-Nov-18	12.33			BOXED UP DUE TO AS PER REVUL. MESSAGE NO. OP/11/415 DT/25.11.18 NOW UNDER SHUT DOWN AS PER STPS MISC. NO. 422 DT 25.11.18 DUE TO DATA COMMUNICATION ERROR IN DDC PANEL
STPS	6	250.00	229	55.00	229	02-Dec-18	21.55			BOXED UP
STPS	3	250.00	229	55.00	229	04-Dec-18	13.12			BOXED UP
RAMGARH	STG1	50.00	10	3.00	10	04-Dec-18	21.15			manually desynchronization
Total(A) STATE SECTOR- PLANNED OUTAGE		1305.00	1097.00	264.00	1097.00					
CENTRAL SECTOR										
RAPS-B	3	250.00	63	15.07	63	14-Oct-18	11.57			ANNUAL MAINTENANCE
AURAIYA GPS	2	111.19	18	4.40	18	05-Nov-18	23.54			RESERVE SHUTDOWN
DABRI GPS	4	130.19	22	5.30	22	12-Nov-18	23.06			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	13-Nov-18	23.06			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	12	2.90	12	13-Nov-18	9.28			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	12	2.90	12	13-Nov-18	10.28			RESERVE SHUTDOWN
DABRI GPS	6	154.51	16	3.90	16	13-Nov-18	10.38			RESERVE SHUTDOWN
DABRI GPS	3	130.19	16	3.90	16	13-Nov-18	11.10			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	23-Nov-18	21.43			RESERVE SHUTDOWN
AURAIYA GPS	4	111.19	18	4.40	18	30-Nov-18	5.33			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	6	109.30	12	2.90	12	30-Nov-18	5.47			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GPS	3	111.19	18	4.40	18	30-Nov-18	5.57			RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1498.15	249.80	60.47	249.80					
(B) FORCED OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27			DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	565	0.00	0	07-Apr-18	17.31	04-Dec-18	4.28	DUE TO GENERATOR TRF TRIP
RAJWEST	3	125.00	120	28.68	120	03-Nov-18	16.57			BED MATERIAL LEAKAGE
RAMGARH	GT 1	35.50	29	7.00	29	22-Nov-18	21.43			INSUFFICIENT GAS PRESSURE
RAJWEST	1	135.00	120	28.68	120	25-Nov-18	6.00			HEAVY BED MATERIAL LEAKAGE
CTPP	3	250.00	225	54.00	225	03-Dec-18	11.33			DUE TO BTU
BTPP	2	125.00	110	25.48	110	04-Dec-18	0.50			ID FAN PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		1405.50	1238.00	160.64	673.00					
CENTRAL SECTOR										
UNGHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNANCE PRESSURE HIGH
JHAJJHAR	1	500.00	5	1.20	5	20-Nov-17	17.51			BOILER TUBE LEAKAGE
RIBAND	1	500.00	58	13.30	58	23-Nov-18	0.30			ANNUAL OVERHAULING
ANTA GPS	2	88.71	31	7.50	31	26-Nov-18	5.06			NON AVAILABILITY OF CHEAP GAS
ANTA GPS	4	153.20	34	8.20	34	26-Nov-18	5.14			NON AVAILABILITY OF CHEAP GAS
ANTA GPS	1	88.71	31	7.50	31	26-Nov-18	5.54			NON AVAILABILITY OF CHEAP GAS
DABRI GPS	1	130.19	22	5.30	22	02-Dec-18	6.11			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1960.81	181.00	43.50	181.00					
G.TOTAL			204.14	854.00						

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 (\$).