

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
		13-Dec-18		
1	KTPS (1240/1240)	270.00	270.00	225.78
2	STPS (1500/1500)	45.00	55.00	38.80
3	DHOLPUR GAS CAPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	17.00	20.00	20.04
5	RAPP-A(200/200)	43.00	43.00	38.01
6	MAHI (140/140)	0.00	0.00	10.44
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	40.39
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	358.00	357.00	414.83
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	420.00	420.00	359.23
11	WIND FARM (4139.20/4292.95)	121.00	135.00	134.77
12	SOLAR POWER(1661.70/2250.16)	115.69	123.65	120.56
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.55
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	3.00	7.00	3.47
17	BARSINGH SAR LTPS(250/250)	26.00	26.00	25.02
18	RAJWEST (1080/1080)	172.00	168.00	140.00
	TOTAL (A) : 1-18	1629.69	1663.65	1595.89
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	17.24	17.43	17.50
b)	DEHAR (198/ 990)	7.95	7.95	7.95
c)	PONG (231.66/396)	36.26	34.36	33.73
	TOTAL : a TO c	61.45	59.74	59.19
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	93.96	85.49	85.49
e)	RIHAND (310.24/3000)	97.99	91.27	91.26
f)	UNCHAHAHAR-I(20/420)	4.85	5.87	4.25
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	18.92	21.44	16.09
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.30	13.34	6.39
j)	DADRI GAS (77/830)	4.68	4.94	4.73
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)	9.45	9.43	9.43
n)	RAPP-B (125/440)	30.88	30.96	30.96
o)	RAPP-C (88/440)	19.09	19.09	19.09
p)	SALAL (20.36/690)	1.08	0.90	1.08
q)	URI (70.37/720)	6.21	6.56	6.15
r)	TANAKPUR (10.86/94)	0.84	0.84	0.78
s)	CHAMERA –I (105.84/540)	4.68	4.31	4.31
t)	CHAMERA-II (29.01/300)	1.45	1.22	1.36
u)	CHAMERA-III (25.21/231)	0.83	0.83	0.89
v)	DHAULIGANGA (27/280)	1.09	1.09	1.14
w)	DULHASTI (42.42/390)	3.74	3.65	3.65
x)	SEWA (13/120)	0.52	0.41	0.41
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.86	6.62	7.33
z)	TEHRI (75/1000)	6.05	5.40	5.40
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.71	5.43	5.32
ab)	TALA	0.31	0.37	0.37
ac)	MUNDRA UMPP (380/4000)	76.67	75.99	78.33
ad)	SASAN (372/3960)	84.07	84.07	84.07
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.88	24.70	23.83
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	581.57	563.96	551.29
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	581.57	563.96	551.29
21	BILATERAL (REG.) EXCL. BANKING	3.85	3.97	3.97
22	BANKING	44.57	44.57	44.57
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	149.72	135.86	91.29
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-29.01
25	INDIAN ENERGY EXCHANGE	-32.73	-23.71	-23.71
	TOTAL(B): (19 TO 25)	746.98	680.07	638.40
	TOTAL GENERATION (A +B) : 1 TO 25			2234.29
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.81
	GRAND TOTAL	2376.67	2343.72	2242.10
	LAST YEAR	1998.37	2005.14	1965.24

3. SYSTEM PARAMETERS AS ON 13-Dec-18

MAXIMUM DRAWL ON 13-Dec-18	11681 MW at 10.30-10.45 Hrs 50.00 HZ
MINIMUM DRAWL ON 13-Dec-18	6913 MW at 04.00-04.15 Hrs 49.97 HZ
Max U/D of the day	536 MW at 06.45-07.00 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	1
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	67
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	25
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
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 13-Dec-18	49.97 Hz
Max O/D of the day	615 MW at 16.30-16.45 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	7.70
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	86.20
ABOVE 50.05 HZ	6.10
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.	14-Dec-18	14-Dec-17	13-Dec-18	13-Dec-18
Gandhi Sagar (Ft.)	1312	1250	1281.80	NA	8216	NA
R.P.Sagar (Ft.)	1157.5	1128	1140.96	#REF!	8681	3897
Jawahar Sagar (Ft.)	980	970.4	976.90	974.00	7850	8238
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6150	
LMC					850	
Bhakra(Ft.)	1690	1462	1664.31	1647.93	10120	6812
Dehar (Ft.)	2941	2900	2924.67	2923.03	2210	2382
Pong(Ft.)	1421	1260	1370.59	1354.03	13528	2184
Mahi-I (Mts.)	281.5	259	278.70	279.20	3190	NIL
Mahi-II (Mts.)	220.5	217	218.30	217.85	575	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
14-Dec-18	KTPS	359404	18 DAYS
	STPS	227350	9 DAYS
	CHHABRA	206536	27.5 DAYS
	KALISINDH	100730	7 DAYS

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

14-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	14.40	60	11-Jul-14	8.20		BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)	
DCCPP	HRSG02	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	HRSG01	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP	
DCCPP	GT#1	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(LEFT UP AS PER REVIVAL MESSAGE NO. OP/11/415 DT.25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO. 632 DT 25.11.18) DUE TO DATA COMMUNICATION ERROR IN DDC-BANK#1	
STPS	3	250.00	229	55.00	229	04-Dec-18	13.12		BOXED UP	
STPS	5	250.00	229	55.00	229	05-Dec-18	19.10		BOXED UP (VIDE RVUNL MSG. NO. 7626 AND OP/12/96 DT.05.12.2018)	
STPS	4	250.00	229	55.00	229	07-Dec-18	12.45		BOXED UP (VIDE RVUNL MSG. NO. 7679 AND OP/12/127 DT.07.12.2018)	
STPS	1	250.00	229	55.00	229	10-Dec-18	5.30		TRIPPED WITH GRID (BOXED UP VIDE LD APP NO. OP/12/152 DATED 09.12.18)	
Total(A)-STATE SECTOR-PLANNED OUTAGE		1705.00	1505.00	361.40	1505.00					
CENTRAL SECTOR										
DABRI GPS	4	130.19	22	5.30	22	12-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	0.00	0	13-Nov-18	10.28	26-Nov-18	18.10	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		1057.66	157.00	35.20	145.00					
(B) FORCE OUTAGE										
STATE SECTOR										
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27		DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I	
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57		BED MATERIAL LEAKAGE	
RAJWEST	1	135.00	120	28.68	120	25-Nov-18	6.00		HEAVY BED MATERIAL LEAKAGE	
BTPP	2	125.00	110	26.40	110	04-Dec-18	0.50		ID FAN PROBLEM	
KTPS	5	210.00	192	0.00	0	07-Dec-18	12.22	13-Nov-18	0.20	APH PROBLEM
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45		INSUFFICIENT AVAILABILITY OF GAS	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
ADANI	2	660.00	600	144.00	600	12-Dec-18	14.30		DUE TO FEEDWATER REGULATING STATION MOV HEAVY GLAND LEAKAGE.	
STPS	6	250.00	229	10.31	0	13-Dec-18	20.40	14-Dec-18	4.37	F.A. FAN MOTOR SUPPLY FAILER
Total(B)-STATE SECTOR-FORCED OUTAGE		1800.00	1580.00	288.47	1159.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNANCE PRESSURE HIGH	
RHAND	1	500.00	58	13.80	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	
AURAIYA GPS	5	109.30	12	2.90	12	05-Dec-18	6.17		TRIPPED,REASON AWAITED	
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		1570.11	188.00	45.20	188.00					
G.TOTAL										
			333.67	1347.00						

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 (\$).