

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
		10-Apr-18		
1	KTPS (1240/1240)	200.00	200.00	172.83
2	STPS (1500/1500)	220.00	220.00	181.34
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	33.00	38.00	36.20
5	RAPP-A(200/200)	38.00	38.00	40.75
6	MAHI (140/140)	0.00	0.00	2.33
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	0.00
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	218.00	197.81
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	223.00	231.00	204.39
11	WIND FARM (3980.40/4119.15)	89.00	57.75	188.43
12	SOLAR POWER(737.70/1295.70)	52.17	70.76	57.72
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	17.37	22.00	20.94
16	BIOMASS – (101.95/119.25)	6.00	5.00	6.35
17	BARSINGHAR LTPS(250/250)	18.00	20.00	20.13
18	RAJWEST (1080/1080)	143.00	139.00	121.52
	TOTAL (A) : 1-18	1203.54	1259.51	1250.74
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.64	16.41	14.38
b)	DEHAR (198/ 990)	8.30	8.01	9.31
c)	PONG (231.66/396)	2.07	3.01	2.35
	TOTAL : a TO c	24.01	27.42	26.04
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	60.61	61.19	60.53
e)	RIHAND (310.24/3000)	82.00	81.46	81.46
f)	UNCHAHAHAR-I(20/420)	6.02	2.62	1.45
g)	UNCHAHAHAR-II& III(61/630)	22.93	19.91	10.35
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.94	15.95	9.79
j)	DADRI GAS (77/830)	2.89	2.95	1.73
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)	4.35	4.35	4.35
n)	RAPP-B (125/440)	24.52	31.55	31.05
o)	RAPP-C (88/440)	19.13	19.13	19.13
p)	SALAL (20.36/690)	1.36	1.29	1.68
q)	URI (70.37/720)	15.95	11.66	15.12
r)	TANAKPUR (10.86/94)	0.06	0.07	0.17
s)	CHAMERA –I (105.84/540)	5.71	4.76	5.71
t)	CHAMERA-II (29.01/300)	2.34	1.97	2.72
u)	CHAMERA-III (25.21/231)	1.38	1.38	1.92
v)	DHAULIGANGA (27/280)	1.31	1.18	1.45
w)	DULHASTI (42.42/390)	5.39	5.07	5.49
x)	SEWA (13/120)	3.00	1.32	2.10
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.87	7.63	8.56
z)	TEHRI (75/1000)	4.19	4.19	4.19
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.83	2.83	6.14
ab)	TALA	0.22	0.24	0.24
ac)	MUNDRA UMPP (380/4000)	62.72	58.85	58.56
ad)	SASAN (372/3960)	85.44	84.58	84.58
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.97	22.26	12.85
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	487.15	475.82	457.36
	LOSSES	2.80	2.80	0.00
	NET SCHEDULED	489.96	478.62	457.36
21	BILATERAL (REG.) EXCL. BANKING	5.15	5.03	5.10
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.91	108.51	114.91
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-17.37	-22.00	-20.94
25	INDIAN ENERGY EXCHANGE	14.05	17.80	17.80
	TOTAL(B): (19 TO 25)	606.70	594.36	574.24
	TOTAL GENERATION (A +B) : 1 TO 25			1824.97
	OVER DRAWAL (+)/UNDER DRAWAL (-)			14.77
	GRAND TOTAL	1810.24	1853.87	1839.75
	LAST YEAR	1596.57	1652.80	1576.75

3.SYSTEM PARAMETERS AS ON 10-Apr-18

MAXIMUM DRAWL ON 10-Apr-18	8678 MW at 15.30-15.45 Hrs 50.00 Hz
MINIMUM DRAWL ON 10-Apr-18	6436 MW at 05.00-05.15 Hrs 49.84 Hz
Max U/D of the day	657 MW at 06.45-07.00 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	10
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	22
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	7
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
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	49.96 Hz
Max O/D of the day	718 MW at 02.00-02.15 HRS 49.94 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	10.07
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.24
ABOVE 50.05 HZ	9.69
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.	11-Apr-18	11-Apr-17		
Gandhi Sagar (Fl.)	1312	1250	1270.76	1296.48	NA	NA
R.P.Sagar (Fl.)	1157.5	1128	1140.85	1138.21	NA	NIL
Jawahar Sagar (Fl.)	980	970.4	978.00	977.70	NA	104
Kota Barrage(Fl.)	854.5	852.3	851.90	852.70		
RMC						20
LMC						NIL
Bhakra(Fl.)	1690	1462	1543.70	1526.53	9303	7293
Dehar (Fl.)	2941	2900	2923.42	2919.61	2479	2456
Pong(Fl.)	1421	1260	1293.17	1302.20	1202	1841
Mahi-I (Mts.)	281.5	259	270.25	270.45	1105	NIL
Mahi-II (Mts.)	220.5	217	218.45	217.70	NA	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
11/Apr/18	KTPS	71199	3.5 DAYS
	STPS	89486	3.5 DAYS
	CHHABRA	43044	6 DAYS
	KALISINDH	43124	3 DAYS

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

A) PLANNED OUTAGE						OUTAGE		EXPECT REVIVAL		REASON OF OUTAGE
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)		DATE	TIME	DATE	TIME		
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.L.F.15.07.14)
DCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP/PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.32			SYSTEM LINE VOLTAGE INCREASED/permission not granted by ruval end id msg on OP/12/7/0 at 27.12.17 and sp/12/7/0 at 30.12.17)
DCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH/permission not granted by ruval end id msg on OP/12/7/0 at 27.12.17 and sp/12/7/0 at 30.12.17)
STPS	4	250.00	229	55.00	229	18-Mar-18	12.36			BOXED UP/SD TAKEN BY STPS W.L.F. 00.00 HRS DATE 28.03.18)
KTPS	5	210.00	192	46.00	192	1-Apr-18	1.42			GRID FAILURE/ride thru max. 134 dated 01.04.18 id max. 26 cannot be light up due to insufficient coal stock) Annual Shutdown wef 00.00 Hrs dt. 5/4/2018 to 00.00 Hrs dt. 19/4/2018.
CHHABRA	4	250.00	225	54.00	225	10-Apr-18	23.30			ANNUAL SD
Total(A) STATE SECTOR- PLANNED OUTAGE			1165.00	1016.00	243.80	1016.00				
CENTRAL SECTOR										
DADRI GFS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GFS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI GFS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAYVA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAYVA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAYVA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAYVA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAYVA GFS	5	109.00	18	4.40	18	2-Feb-18	19.28			RESERVE SHUTDOWN
AURAYVA GFS	2	111.19	18	4.40	18	2-Feb-18	19.32			RESERVE SHUTDOWN
ANTA GFS	2	88.71	31	7.50	31	2-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	9-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GFS	4	153.20	34	8.20	34	9-Mar-18	5.03			RESERVE SHUTDOWN
ANTA GFS	1	88.71	31	7.50	31	9-Mar-18	5.31			RESERVE SHUTDOWN
RHAND	2	500.00	58	13.80	58	21-Mar-18	12.25			ANNUAL SHUT DOWN
SINGRAULI	6	500.00	85	20.50	85	26-Mar-18	23.58			ANNUAL SHUT DOWN
DADRI GFS	2	130.19	22	5.30	22	5-Apr-18	21.57			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2626.09	466.00	112.60	466.00				
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	8	135.00	120	28.67	120	14-Mar-18	5.30			DESYNCHRONIZED DUE TO TURBINE SIDE OIL LEAKAGE
ADANI	1	600.00	600	144.00	600	28-Mar-18	5.29			APR loss P/G duct expansion below leakage.
BARINGSAR	1	125.00	110	26.40	110	20-Mar-18	23.20			TURBINE VACUUM PROBLEM
RAMGARHI	GT-1	35.00	29	7.00	29	4-Apr-18	12.25			electrical fault
KALISINDH	2	600.00	475	135.60	475	7-Apr-18	17.31			DUO TO GENERATOR TRIP TRIP
RAJWEST	7	135.00	120	28.67	120	7-Apr-18	22.42			BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.00	229	8-Apr-18	2.02			FURNACE PRESSURE VERY HIGH
KTPS	1	110.00	100	23.00	100	8-Apr-18	17.19			ELECTRICAL FAULT
RAJWEST	4	135.00	120	28.67	120	8-Apr-18	22.14			BED MATERIAL LEAKAGE
RAMGARHI	STG-2	50.00	40	0.00	0	9-Apr-18	6.45	9-Apr-18	18.10	DUO TO HEAVY LEAKAGE IN HPBFP
RAJWEST	3	135.00	120	0.00	0	9-Apr-18	21.16	10-Apr-18	0.14	HEAVY OIL LEAKAGE
RAMGARHI	STG-2	50.00	40	8.68	40	11-Apr-18	2.17			VOLTAGE JERK
RAMGARHI	GT3	110.00	100	2.70	100	11-Apr-18	2.17	11-Apr-18	5.25	VOLTAGE JERK
Total(B) STATE SECTOR-FORCED OUTAGE			2655.00	2271.50	585.19	2112.00				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHABAR	2	210.00	24	5.70	24	8-Apr-18	14.25			BOILER TUBE LEAKAGE
RHAND-III	2	500.00	70	16.80	70	9-Apr-18	3.28			LOW VACUUM
Total(B) CENTRAL SECTOR- FORCED OUTAGE			1210.00	94.00	22.50	94.00				
G.TOTAL			527.69	2206.00						

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 (\$).