

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
		11-Apr-18		
1	KTPS (1240/1240)	212.00	200.00	173.46
2	STPS (1500/1500)	275.00	220.00	201.13
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	33.00	31.82
5	RAPP-A(200/200)	38.00	38.00	40.22
6	MAHI (140/140)	0.00	0.00	2.57
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	164.00	155.00
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	138.00	223.00	208.48
11	WIND FARM (3980.40/4119.15)	67.50	89.00	145.04
12	SOLAR POWER(737.70/1295.70)	57.72	52.17	82.19
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	15.43	17.37	17.37
16	BIOMASS – (101.95/119.25)	6.00	6.00	6.01
17	BARSINGHAR LTPS(250/250)	16.00	18.00	17.12
18	RAJWEST (1080/1080)	172.00	143.00	133.44
	TOTAL (A) : 1-18	1199.65	1203.54	1213.85
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	13.20	13.64	12.86
b)	DEHAR (198/ 990)	8.38	8.30	8.69
c)	PONG (231.66/396)	2.56	2.07	2.92
	TOTAL : a TO c	24.14	24.01	24.47
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.25	60.61	51.63
e)	RIHAND (310.24/3000)	104.95	82.00	81.98
f)	UNCHAHAHAR-I(20/420)	5.67	6.02	9.37
g)	UNCHAHAHAR-II& III(61/630)	22.47	22.93	21.65
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.25	15.94	6.16
j)	DADRI GAS (77/830)	2.85	2.89	1.46
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)	4.42	4.35	4.35
n)	RAPP-B (125/440)	31.39	24.52	24.52
o)	RAPP-C (88/440)	19.13	19.13	19.13
p)	SALAL (20.36/690)	1.58	1.36	1.92
q)	URI (70.37/720)	16.22	15.95	15.37
r)	TANAKPUR (10.86/94)	0.07	0.06	0.17
s)	CHAMERA –I (105.84/540)	7.06	5.71	7.07
t)	CHAMERA-II (29.01/300)	2.62	2.34	2.39
u)	CHAMERA-III (25.21/231)	1.38	1.38	1.59
v)	DHAULIGANGA (27/280)	1.31	1.31	1.44
w)	DULHASTI (42.42/390)	5.49	5.39	4.65
x)	SEWA (13/120)	3.00	3.00	3.00
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.91	7.87	8.38
z)	TEHRI (75/1000)	3.47	4.19	4.19
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	3.14	2.83	5.76
ab)	TALA	0.26	0.22	0.22
ac)	MUNDRA UMPP (380/4000)	67.65	62.72	52.85
ad)	SASAN (372/3960)	85.44	85.44	84.48
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	24.97	24.97	18.32
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	527.10	487.15	456.51
	LOSSES	2.42	2.80	0.00
	NET SCHEDULED	529.53	489.96	456.51
21	BILATERAL (REG.) EXCL. BANKING	4.79	5.15	5.04
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.91	110.52	114.91
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.43	-17.37	-17.37
25	INDIAN ENERGY EXCHANGE	21.36	14.05	14.05
	TOTAL(B): (19 TO 25)	655.16	606.70	573.15
	TOTAL GENERATION (A +B) : 1 TO 25			1786.99
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-6.06
	GRAND TOTAL	1854.81	1810.24	1780.94
	LAST YEAR	1697.11	1596.57	1622.03

3.SYSTEM PARAMETERS AS ON 11-Apr-18

MAXIMUM DRAWL ON 11-Apr-18	8367 MW at 08.15-08.30 Hrs 49.96 Hz
MINIMUM DRAWL ON 11-Apr-18	5877 MW at 18.15-18.30 Hrs 49.97 Hz
Max U/D of the day	1143 MW at 15.45-16.00 HRS 50.00 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	6
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	3
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	71
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	17
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	16
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	17
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	4
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
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

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cuses)	Inflow (cuses)
	Max.	Min.	12-Apr-18	12-Apr-17		
Gandhi Sagar (Ft.)	1312	1250	1270.74	1296.42	NA	159
R.P.Sagar (Ft.)	1157.5	1128	1140.82	1138.22	NA	NIL
Jawahar Sagar (Ft.)	980	970.4	978.10	977.50	NA	104
Kota Barrage(Ft.)	854.5	852.3	851.70	852.60		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1543.70	1565.95	8272	8272
Dehar (Ft.)	2941	2900	2926.31	2922.30	2325	3008
Pong(Ft.)	1421	1260	1293.19	1304.24	1503	1758
Mahi-I (Mts.)	281.5	259	270.25	270.30	1140	NIL
Mahi-II (Mts.)	220.5	217	218.45	218.45	NA	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	11-Apr-18	49.96 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days					
Max O/D of the day	794 MW at 04.15-04.30 HRS	49.90 Hz	12/Apr/18	KTPS	74632	4 days					
Frequency Profile	% of Time	STPS					87415	3.5 days			
LESS THAN 49.7 HZ	0.00								CHHABRA	50464	6.5 days
LESS THAN 49.90 HZ	14.35										
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.24										
ABOVE 50.05 HZ	5.41										
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										

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

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-Jun-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.80	50	13-Jun-16	16.35			BOXED UP PERMISSION GIVEN BY RUVAL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT02*	110.00	100	24.00	100	13-Jun-16	16.40			BOXED UP PERMISSION GIVEN BY RUVAL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	HRSG01	55.00	50	12.80	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED permission not granted by ruval and M msg on 07/12/20 at 27.12.17 and up to 17/06/20 20.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH permission not granted by ruval and M msg on 07/12/20 at 27.12.17 and up to 17/06/20 20.12.17)
STPS	4	250.00	229	0.00	0	18-Mar-18	12.36	11-Apr-18	8.16	BOXED UP (SD TAKEN BY STPS W.E.F 06.00 HRS DATE 28.03.18)
KTPS	5	210.00	192	46.00	192	1-Apr-18	1.42			GRID FAILURE (side ktps m.no. 124 dated 01.04.18) d.m.no. 26 cannot be light up due to insufficient coal stock) Annual Shutdown on 09.00 Hrs dt. 5/4/2018 to 09.00 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										
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
AURAIYA GFS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GFS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GFS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GFS	5	109.00	18	4.40	18	2-Feb-18	19.28			RESERVE SHUTDOWN
AURAIYA 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	20.86			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	5.21			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										

(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
RAJWEST	8	135.00	120	28.67	120	14-Mar-18	5.30			DESYNCRONIZED DUE TO TURBINE SIDE OIL LEAKAGE
ADANI	1	600.00	600	144.00	600	29-Mar-18	5.39			API hot PA duct expansion below leakage.
BARNINGSAR	1	125.00	110	26.40	110	20-Mar-18	23.20			TURBINE VACUUM PROBLEM
RAMGARH	GT-1	35.00	29	7.00	29	4-Apr-18	13.25			electrical fault
KALISINDH	2	600.00	475	135.60	475	7-Apr-18	17.31			DUE TO GENERATOR TRIP TRIP
RAJWEST	7	135.00	120	0.00	0	7-Apr-18	22.42	11-Apr-18	11.12	BED MATERIAL LEAKAGE
STPS	3	250.00	229	55.80	229	8-Apr-18	2.02			FURNANCE 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
RAMGARH	STG-2	50.00	40	0.00	0	11-Apr-18	2.17	11-Apr-18	8.24	VOLTAGE JERK
RAMGARH	GT3	110.00	100	0.00	0	11-Apr-18	2.17	11-Apr-18	5.25	VOLTAGE JERK
ADANI	2	600.00	600	137.40	600	12-Apr-18	1.06			NON AVAILABILITY OF COAL STOCK
Total(B) STATE SECTOR-FORCED OUTAGE										
CENTRAL SECTOR										
UNCHARHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
UNCHARHAR	2	210.00	24	5.70	24	8-Apr-18	14.25			BOILER TUBE LEAKAGE
RHAND-III	2	500.00	70	0.00	0	9-Apr-18	3.28	11-Apr-18	14.42	LOW VACUUM
Total(B) CENTRAL SECTOR-FORCED OUTAGE										
G.TOTAL			608.24	2476.50						

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 (S).