

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
		12-Apr-18		
1	KTPS (1240/1240)	200.00	212.00	176.50
2	STPS (1500/1500)	327.00	275.00	224.17
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	38.00	38.00	37.80
5	RAPP-A(200/200)	38.00	38.00	40.61
6	MAHI (140/140)	0.00	0.00	1.91
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)	162.00	164.00	156.65
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	134.00	138.00	111.73
11	WIND FARM (3980.40/4119.15)	62.00	67.50	70.93
12	SOLAR POWER(737.70/1295.70)	82.20	57.72	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	15.18	15.43	15.82
16	BIOMASS – (101.95/119.25)	6.00	6.00	5.87
17	BARSINGHAR LTPS(250/250)	16.00	16.00	15.84
18	RAJWEST (1080/1080)	172.00	172.00	133.44
	TOTAL (A) : 1-18	1252.38	1199.65	1073.46
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	12.77	13.20	13.30
b)	DEHAR (198/ 990)	8.69	8.38	11.65
c)	PONG (231.66/396)	2.63	2.56	2.70
	TOTAL : a TO c	24.10	24.14	27.65
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	64.25	64.25	76.67
e)	RIHAND (310.24/3000)	100.44	104.95	103.77
f)	UNCHAHAHAR-I(20/420)	5.24	5.67	2.18
g)	UNCHAHAHAR-II& III(61/630)	19.36	22.47	13.39
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	12.92	16.25	6.05
j)	DADRI GAS (77/830)	2.52	2.85	0.46
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	4.42	4.42
n)	RAPP-B (125/440)	31.39	31.39	31.39
o)	RAPP-C (88/440)	19.13	19.13	19.13
p)	SALAL (20.36/690)	1.23	1.58	2.19
q)	URI (70.37/720)	16.22	16.22	16.22
r)	TANAKPUR (10.86/94)	0.07	0.07	0.28
s)	CHAMERA –I (105.84/540)	8.89	7.06	8.25
t)	CHAMERA-II (29.01/300)	2.44	2.62	2.62
u)	CHAMERA-III (25.21/231)	1.48	1.38	1.80
v)	DHAULIGANGA (27/280)	1.29	1.31	1.31
w)	DULHASTI (42.42/390)	4.75	5.49	5.49
x)	SEWA (13/120)	1.84	3.00	3.00
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	7.98	7.91	7.45
z)	TEHRI (75/1000)	3.43	3.47	3.61
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	3.14	3.14	5.56
ab)	TALA	0.27	0.26	0.26
ac)	MUNDRA UMPP (380/4000)	67.65	67.65	67.65
ad)	SASAN (372/3960)	71.20	85.44	80.89
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.33	24.97	18.34
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	499.00	527.10	510.04
	LOSSES	2.42	2.42	0.00
	NET SCHEDULED	501.42	529.53	510.04
21	BILATERAL (REG.) EXCL. BANKING	4.43	4.79	4.70
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	114.91	109.85	114.91
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-15.18	-15.43	-15.82
25	INDIAN ENERGY EXCHANGE	-2.01	21.36	21.36
	TOTAL(B): (19 TO 25)	603.57	655.16	635.19
	TOTAL GENERATION (A +B) : 1 TO 25			1709.50
	OVER DRAWAL (+)/UNDER DRAWAL (-)			6.82
	GRAND TOTAL	1855.95	1854.81	1716.32
	LAST YEAR	1848.57	1730.20	1701.26

3. SYSTEM PARAMETERS AS ON 12-Apr-18

MAXIMUM DRAWL ON 12-Apr-18	7958 MW at 22.30-22.45 Hrs 49.93 Hz
MINIMUM DRAWL ON 12-Apr-18	5988 MW at 04.00-04.15 Hrs 50.02 Hz
Max U/D of the day	400 MW at 20.15-20.30 HRS 49.94 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	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & < 49.9 Hz	5
No. of Blocks in which Freq. >= 49.9 & < 50.00 Hz	53
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & < 50.00 Hz	7
No. of Blocks in which Freq. >= 50.00 & < 50.05 Hz	35
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	6
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & < 50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & < 50.10 Hz	3
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 (cusecs)	Inflow (cusecs)
	Max.	Min.	13-Apr-18	13-Apr-17		
Gandhi Sagar (Ft.)	1312	1250	1270.72	1296.40	NA	115
R.P.Sagar (Ft.)	1157.5	1128	1140.81	1138.21	NA	NIL
Jawahar Sagar (Ft.)	980	970.4	978.10	977.60	NA	104
Kota Barrage(Ft.)	854.5	852.3	851.50	852.30		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1543.60	1527.30	8859	8021
Dehar (Ft.)	2941	2900	2923.75	2923.88	3136	2860
Pong(Ft.)	1421	1260	1293.21	1302.31	1406	1661
Mahi-I (Mts.)	281.5	259	NA	270.25	1140	NIL
Mahi-II (Mts.)	220.5	217	218.40	217.55	NA	NIL

5. POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	12-Apr-18	49.98 Hz
Max O/D of the day	514 MW at 15.45-16.00 HRS 49.90 Hz	
Frequency Profile	% of Time	
LESS THAN 49.7 HZ	0.00	
LESS THAN 49.90 HZ	8.75	
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	82.67	
ABOVE 50.05 HZ	8.58	
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	

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
13/Apr/18	KTPS	81425	4 days
	STPS	75969	3 days
	CHHABRA	54153	7 days
	KALISINDH	44318	3 days

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

13/Apr/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	70	16.80	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP PERMISSION GIVEN BY R/UNL 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 R/UNL ON DATE 17.08.17 BUT PROBLEM IN DCPP END
DCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.12	SYSTEM LINE VOLTAGE INCREASE permission not granted by revul end Id msg no OP/12/730 dt 27.12.17 and up/12/790 dt 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 revul end Id msg no OP/12/730 dt 27.12.17 and up/12/790 dt 30.12.17
KTPS	5	210.00	192	46.00	192	1-Apr-18	1.42	GRID FAILURE side ktps m.m. 124 dated 01.04.18 dt m.m. 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 S/D
Total(A) STATE SECTOR- PLANNED OUTAGE		915.00	787.00	188.80	787.00			

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	22.20	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	23.12	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51	RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	2-Feb-18	19.28	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	2-Feb-18	19.32	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	2-Feb-18	20.06	RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	9-Mar-18	4.54	RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	9-Mar-18	5.83	RESERVE SHUTDOWN
ANTA GPS	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
DABRI GPS	2	130.19	22	5.30	22	5-Apr-18	21.57	RESERVE SHUTDOWN
Total(A) 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	660.00	600	144.00	600	29-Mar-18	5.39	API hot PA diect expansion bellow leakage.
BARSINGAR	1	125.00	110	26.40	110	30-Mar-18	23.20	TURBINE VACCUM PROBLEM
RAMGARH	GT-I	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 TRF TRIP
STPS	3	250.00	229	0.00	0	8-Apr-18	2.02	FURNANCE PRESSURE VERY HIGH
KTPS	1	110.00	100	0.00	0	8-Apr-18	17.19	ELECTRICAL FAULT
RAJWEST	4	135.00	120	28.67	120	8-Apr-18	22.14	BED MATERIAL LEAKAGE
ADANI	2	660.00	600	137.40	600	12-Apr-18	1.06	NON AVAILABILITY OF COAL STOCK
KTPS	3	210.00	192	5.75	24	13-Apr-18	3.26	FD FAN PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		3045.00	2644.50	530.29	2147.50			
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
Total(B) CENTRAL SECTOR- FORCED OUTAGE		710.00	24.00	5.70	24.00			
G.TOTAL				535.99	2171.50			

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 (\$).