

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.03.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		24-May-18		
1	KTPS (1240/1240)	224.00	270.00	231.58
2	STPS (1500/1500)	327.00	327.00	316.68
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	6.92
4	RAMGARH (273.5/273.5)	41.00	41.00	42.05
5	RAPP-A(200/200)	43.00	43.00	40.25
6	MAHI (140/140)	0.00	0.00	0.00
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)	166.00	218.00	220.34
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	242.00	282.00	239.94
11	WIND FARM (4137.20/4290.95)	105.50	88.00	77.23
12	SOLAR POWER(1656.70/2246.21)	78.71	81.33	78.29
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	36.90	37.64	38.92
16	BIOMASS – (101.95/119.25)	5.00	4.00	5.12
17	BARSINGHSAR LTPS(250/250)	52.00	25.00	22.94
18	RAJWEST (1080/1080)	206.00	201.00	212.61
	TOTAL (A) : 1-18	1527.12	1617.97	1532.87
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	23.76	24.72	24.20
b)	DEHAR (198/ 990)	22.88	18.71	21.95
c)	PONG (231.66/396)	9.47	8.50	8.92
	TOTAL : a TO c	56.10	51.93	55.07
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	87.40	87.93	87.76
e)	RIHAND (310.24/3000)	101.70	85.06	90.63
f)	UNCHAHAAR-I(20/420)	6.68	7.60	7.60
g)	UNCHAHAAR-II& III & IV(135.09/1130)	24.65	26.69	26.83
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	9.65	13.51	15.18
j)	DADRI GAS (77/830)	1.60	1.71	1.91
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)	4.84	8.77	8.77
n)	RAPP-B (125/440)	28.95	28.87	28.87
o)	RAPP-C (88/440)	0.00	18.63	18.63
p)	SALAL (20.36/690)	3.07	2.58	2.93
q)	URI (70.37/720)	16.16	16.16	16.16
r)	TANAKPUR (10.86/94)	0.96	0.96	1.17
s)	CHAMERA –I (105.84/540)	12.91	12.15	12.15
t)	CHAMERA-II (29.01/300)	6.50	6.19	6.35
u)	CHAMERA-III (25.21/231)	4.86	4.41	4.86
v)	DHAULIGANGA (27/280)	3.34	2.98	3.34
w)	DULHASTI (42.42/390)	9.78	9.78	9.78
x)	SEWA (13/120)	0.63	0.63	0.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	18.57	19.04	18.72
z)	TEHRI (75/1000)	2.52	2.52	2.52
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	10.13	10.45	10.24
ab)	TALA	1.25	1.17	1.17
ac)	MUNDRA UMPP (380/4000)	68.28	68.28	68.28
ad)	SASAN (372/3960)	69.94	84.27	83.08
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.99	22.76	22.91
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	573.48	595.05	605.53
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	573.48	595.05	605.53
21	BILATERAL (REG.) EXCL. BANKING	11.23	11.27	10.73
22	BANKING	0.00	0.00	0.00
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	102.23	92.62	101.45
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-36.90	-37.64	-38.92
25	INDIAN ENERGY EXCHANGE	88.40	90.12	90.12
	TOTAL(B): (19 TO 25)	738.44	761.03	768.91
	TOTAL GENERATION (A +B) : 1 TO 25			2301.78
	OVER DRAWAL (+)/UNDER DRAWAL (-)			60.56
	GRAND TOTAL	2265.55	2378.99	2362.34
	LAST YEAR	1994.66	1828.37	1844.80

3. SYSTEM PARAMETERS AS ON 24-May-18

MAXIMUM DRAWL ON 24-May-18	10667 MW at 08.15-08.30 Hrs 49.90 HZ
MINIMUM DRAWL ON 24-May-18	8707 MW at 18.30-18.45 Hrs 50.02 HZ
Max U/D of the day	575 MW at 18.30-18.45Hrs 50.02 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	15
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	15
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	60
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	40
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	2
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	20
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
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	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 24-May-18	49.95 Hz
Max O/D of the day	686 MW at 08.45-09.00 Hrs 49.93 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	16.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	77.30
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	95
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.	25-May-18	25-May-17		
Gandhi Sagar (Ft.)	1312	1250	1269.88	NA	NIL	201
R.P.Sagar (Ft.)	1157.5	1128	1139.18	1136.83	NIL	NIL
Jawahar Sagar (Ft.)	980	970.4	976.30	975.30	NIL	NIL
Kota Barrage(Ft.)	854.5	852.3	850.20	853.20		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1496.32	1544.22	20071	15452
Dehar (Ft.)	2941	2900	2923.22	2924.14	6226	6177
Pong(Ft.)	1421	1260	1287.88	1294.83	5001	1350
Mahi-I (Mts.)	281.5	259	269.55	269.20	NIL	NIL
Mahi-II (Mts.)	220.5	217	217.50	218.40	NIL	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
25-May-18	KTPS	49138	2.5 DAYS
	STPS	47649	2 DAYS
	CHHABRA	172330	23 DAYS
	KALISINDH	89645	6.5 DAYS

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

25-May-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	16.8	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.0	50	13-Jul-16	16.35			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
DCCPP	GT02*	110.00	100	24.0	100	13-Jul-16	16.40			BOXED UP(PERMISSION GIVEN BY RU/NL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END)
Total(A) STATE SECTOR- PLANNED OUTAGE		290.00	220.00	52.80	220.00					
CENTRAL SECTOR										
DADRI GPS	4	130.19	22	5.3	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.3	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.3	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.4	18	28-Jan-18	5.51			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.5	31	09-Mar-18	4.54			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.5	31	09-Mar-18	5.31			RESERVE SHUTDOWN
RHAND	3	500.00	58	13.8	58	10-May-18	0.50			ANNUAL MAINTENANCE
AURAIYA GPS	4	111.00	18	4.4	18	16-May-18	23.33			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.4	18	16-May-18	23.51			RESERVE SHUTDOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1424.99	240.00	57.90	240.00					

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL (MW)			OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
GIRAL	2	125.00	70	16.8	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
KALISINDH	2	600.00	475	135.6	475	07-Apr-18	17.31			DUE TO GENERATOR TRF TRIP
BARSINGSAR	2	125.00	110	0.0	0	16-Apr-18	0.47	24-May-18	18.47	REFRACTORY BREAKAGES/ANNUAL MAINTENANCE WORK S/D WHI BE EXTENDED UPTO 21.05.18
ADANI	2	660.00	600	144.0	600	29-Apr-18	7.33			DUE TO CONDENSER TUBE LEAKAGE
RAJWEST	7	135.00	120	0.0	0	09-May-18	23.40	24-May-18	10.53	REFACTORY DAMAGE
DCCPP	HRS01H	55.00	50	12.0	50	19-May-18	16.57			NON AVAILABILITY OF GAS
RAJWEST	7	135.00	120	0.0	0	24-May-18	10.59	24-May-18	12.25	BOILER PUMP TRIP
KTPS	3	210.00	192	46.0	192	24-May-18	2.51			DESYNCHRONIZED DUE TO ATTEND I.L.P. HEATER LEAKAGE
BARSINGSAR	2	125.00	110	0.0	0	24-May-18	20.49	24-May-18	23.10	DIFFERENTIAL PROTECTION
CHHABRA	2	250.00	225	51.2	225	25-May-18	1.15			SHORTAGE OF WATER
RAJWEST	3	135.00	120	22.6	120	25-May-18	5.09			BED MATERIAL LEAKAGE
Total(B) STATE SECTOR-FORCED OUTAGE		2555.00	2190.50	428.17	1731.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40			FURNISH PRESSURE HIGH
ISTPP(HAHJAR)	2	500.00	5	1.2	5	05-Apr-18	0.17			AMP/OVERHAULING
AURAIYA GPS	5	111.00	18	4.4	18	06-May-18	3.23			DRUM VIVRATION
ANTA GPS	4	153.20	34	8.2	34	19-May-18	6.51			Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
ANTA GPS	2	88.71	31	7.5	31	19-May-18	7.29			Fuel Shortage due to unavailability of naphtha fuel and no allocation of RLNG or cheap gas.
Total(B) CENTRAL SECTOR-FORCED OUTAGE		1352.91	88.00	21.30	88.00					
G.TOTAL			449.47	1819.50						

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).