



## 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
		14-Dec-17		
1	KTPS (1240/1240)	227.00	227.00	199.61
2	STPS (1500/1500)	220.00	165.00	173.07
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	47.00	45.00	39.44
5	RAPP-A(200/200)	43.00	43.00	44.18
6	MAHI (140/140)	0.00	0.00	7.29
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	37.38
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	166.00	164.00	153.04
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	269.28	267.43	254.62
11	WIND FARM (3980.40/4119.15)	313.00	128.00	224.53
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
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	19.82	15.78	15.78
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.66
17	BARSINGHAR LTPS(250/250)	26.00	21.08	13.94
18	RAJWEST (1080/1080)	196.00	205.00	160.69
	<b>TOTAL (A) : 1-18</b>	<b>1570.72</b>	<b>1324.91</b>	<b>1328.23</b>
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	24.75	24.67	25.10
b)	DEHAR (198/ 990)	6.27	6.53	7.40
c)	PONG (231.66/396)	32.15	32.62	30.72
	<b>TOTAL : a TO c</b>	<b>63.17</b>	<b>63.82</b>	<b>63.22</b>
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	83.42	79.18	78.27
e)	RIHAND (310.24/3000)	129.44	125.31	126.95
f)	UNCHAHAHAR-I(20/420)	5.62	11.21	6.23
g)	UNCHAHAHAR-II& III(61/630)	22.83	23.32	15.65
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II ( 43.22/980) + DADRI-TH	17.32	17.35	13.14
j)	DADRI GAS (77/830)	3.15	4.12	4.04
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)	9.98	9.89	9.89
n)	RAPP-B (125/440)	34.53	34.36	34.36
o)	RAPP-C (88/440)	19.62	19.62	19.62
p)	SALAL (20.36/690)	0.86	0.82	0.82
q)	URI (70.37/720)	4.04	4.33	4.23
r)	TANAKPUR (10.86/94)	0.80	0.80	0.78
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.16	1.31	1.16
u)	CHAMERA-III (25.21/231)	0.76	0.76	0.76
v)	DHAULIGANGA (27/280)	1.13	1.14	1.14
w)	DULHASTI (42.42/390)	3.16	3.26	3.26
x)	SEWA (13/120)	0.39	0.76	0.76
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.93	7.22	7.22
z)	TEHRI (75/1000)	5.15	5.15	5.15
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.58	2.84	5.22
ab)	TALA	0.50	0.50	0.50
ac)	MUNDRA UMPP (380/4000)	57.25	59.74	56.70
ad)	SASAN (372/3960)	52.80	60.48	52.28
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	22.54	24.57	21.43
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	552.28	565.00	535.91
	LOSSES	-30.57	-31.21	-31.98
	NET SCHEDULED	<b>521.71</b>	<b>533.79</b>	<b>503.94</b>
21	BILATERAL (REG.) EXCL. BANKING	4.20	4.20	4.20
22	BANKING	18.54	18.54	18.54
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	121.62	109.17	128.72
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	-19.82	-15.78	-15.78
25	INDIAN ENERGY EXCHANGE	-79.64	3.96	3.96
	<b>TOTAL(B): (19 TO 25)</b>	<b>566.62</b>	<b>673.43</b>	<b>643.58</b>
	TOTAL GENERATION (A +B) : 1 TO 25			<b>1971.81</b>
	OVER DRAWAL (+)/UNDER DRAWAL (-)			23.48
	<b>GRAND TOTAL</b>	<b>2137.33</b>	<b>1998.34</b>	<b>1995.29</b>
	LAST YEAR	1969.21	1881.47	1959.89

## 3. SYSTEM PARAMETERS AS ON 14-Dec-17

MAXIMUM DRAWL ON 14-Dec-17	10612 MW at 08.00-08.15 Hrs 49.91 Hz
MINIMUM DRAWL ON 14-Dec-17	6078 MW at 04.00-4.15Hrs 50 Hz
Max U/D of the day	289 MW at 19.00-19.15 HRS 49.95 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	14
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	11
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	62
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	9
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	19
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	1
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
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 14-Dec-17	49.95 Hz
Max O/D of the day	554 MW at 19.45-20.00 HRS 49.97 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	22.28
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	70.89
ABOVE 50.05 HZ	6.83
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	19
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.	15-Dec-17	15-Dec-16		
Gandhi Sagar (Ft.)	1312	1250	NA	1308.91	7856	NA
R.P.Sagar (Ft.)	1157.5	1128	1136.60	1143.60	8269	10347
Jawahar Sagar (Ft.)	980	970.4	974.00	975.80	7919	12466
Kota Barrage(Ft.)	854.5	852.3	854.50	854.40		
RMC					6225	
LMC					1100	
Bhakra(Ft.)	1690	1462	1647.93	1614.31	14563	7234
Dehar (Ft.)	2941	2900	2923.03	2917.84	2116	2358
Pong(Ft.)	1421	1260	1354.03	1345.85	12511	3617
Mahi-I (Mts.)	281.5	259	279.20	279.65	2294	NIL
Mahi-II (Mts.)	220.5	217	217.85	218.40	328	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
15/Dec/17	KTPS	82826	4 DAYS
	STPS	79825	3 DAYS
	CHHABRA	51423	7 DAYS
	KALISINDH	120791	8.5 DAYS

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

15/Dec/17

## (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 (SD W.E.F.15.07.14)	
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35		BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )	
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40		BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )	
STPS	4*	250.00	229	0.00	0	3-Dec-17	14.51	14-Dec-17	6.48	FURNACE PRESSURE VERY HIGH/ BOXED UP BY RUVNL M.NO. 9134 DT 03.12.17 W.E.F. 15.25 HRS
STPS	5*	250.00	229	55.00	229	7-Dec-17	22.16			BOXED UP
STPS	2*	250.00	229	55.00	229	8-Dec-17	14.36			BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1040.00	907.00	162.80	678.00					
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
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	2	111.19	18	4.40	18	10-Nov-17	20.59			LESS DEMAND
AURAIYA GFS	5	109.30	12	2.90	12	10-Nov-17	21.10			LESS DEMAND
AURAIYA GFS	1	111.19	18	4.40	18	10-Nov-17	21.13			LESS DEMAND
ANTA GFS	3	88.71	31	7.50	31	10-Nov-17	21.21			LESS DEMAND
ANTA GFS	2	88.71	31	7.50	31	10-Nov-17	21.50			LESS DEMAND
ANTA GFS	4	153.20	34	8.20	34	10-Nov-17	21.51			LESS DEMAND
ANTA GFS	1	88.71	31	7.50	31	10-Nov-17	22.19			LESS DEMAND
SINGRAULI	3	200.00	34	8.20	34	21-Nov-17	5.59	15-Dec-17		ANNUAL MAINTENANCE
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1696.20	329.00	79.70	329.00					

## (B) FORCE OUTAGE

## STATE SECTOR

## STATE SECTOR

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)		DATE	TIME	DATE	TIME	REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	20-Dec-17	DESYNCRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-4	
ADANI	1	660.00	600	144.00	600	23-Sep-17	5.45	20-Dec-17	INSUFFICIENT COAL STOCK	
RANGARI	GT#2	37.50	29	7.00	29	28-Oct-17	4.50	15-Dec-17	DESYNCRONIZED DUE TO GAS RESTRICTION BY GAIL INDIA AND UNDER SD FOR REVOILOR CLEANING BY GAIL	
KTPS	5	210.00	192	46.00	192	4-Dec-17	20.04	15-Dec-17	API-5B	
KALISINDH	2	600.00	475	135.60	565	7-Dec-17	23.09	15-Dec-17	BOILER TUBE LEAKAGE	
BARSINGSAR	1	125.00	110	26.40	110	8-Dec-17	0.00	15-Dec-17	REFRATORY PROBLEM	
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12	15-Dec-17	SYSTEM LINE VOLTAGE INCREASED	
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34	15-Dec-17	AIR INLET DIFFERENTIAL PRESSURE HIGH	
CTPP	3	250.00	210	54.00	210	13-Dec-17	12.27	16-Dec-17	ELECTICAL PROTECTION	
RAJWEST	6	135.00	120	28.67	120	14-Dec-17	3.56	15-Dec-17	HEAVY BED MATERIAL LEAKAGE	
BARSINGSAR	2	125.00	110	0.00	0	14-Dec-17	9.19	14-Dec-17	13.24	REASON UNKNOWN
Total(B) STATE SECTOR-FORCED OUTAGE		2432.50	2065.50	494.47	2045.50					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40			FURNISH PRESSURE HIGH
DADRI GFS	1	130.19	22	5.30	22	14-Dec-17	8.20			LOWER CHEAP GAS AVAILABILITY
Total(B) CENTRAL SECTOR- FORCED OUTAGE		630.19	22.00	5.30	22.00					
G.TOTAL			499.77	2067.50						

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 (\$).