

2. Anticipated Availability/Generation From Different Sources

XEN(LD)-68

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	(In LU)											
		Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		22-Nov-18			23-Nov-18			24-Nov-18			25-Nov-18		
1	KTPS (1240/1240)	246.00	246.00	209.40	246.00	246.00	224.10	246.00	246.00	211.18	246.00	246.00	231.31
2	STPS (1500/1500)	220.00	220.00	179.62	220.00	220.00	184.00	220.00	220.00	180.76	220.00	220.00	182.67
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	20.00	17.00	18.91	23.00	20.00	18.04	20.00	23.00	18.71	21.00	20.00	18.24
5	RAPP-A(200/200)	43.00	43.00	36.85	43.00	43.00	37.16	43.00	43.00	36.97	43.00	43.00	37.09
6	MAHI (140/140)	0.00	0.00	9.58	0.00	0.00	6.90	0.00	0.00	6.92	0.00	0.00	7.74
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	43.99	39.00	39.00	35.53	39.00	39.00	47.99	39.00	39.00	29.45
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCSTPP (660/660)	355.00	355.00	344.81	355.00	355.00	345.00	355.00	355.00	344.48	355.00	356.00	353.95
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	423.60	381.87	424.00	424.00	386.34	424.00	424.00	385.48	284.00	424.00	315.84
11	WIND FARM (4139.20/4292.95)	81.50	89.00	48.77	32.25	81.50	95.31	40.75	32.25	45.53	18.00	40.75	19.04
12	SOLAR POWER(1661.70/2250.16)	133.52	133.52	136.47	136.47	133.52	136.33	136.33	136.47	141.34	141.34	136.33	138.72
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPTS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	7.00	7.23	7.22	7.00	7.00	7.25	8.00	7.00	7.63	7.00	8.00	7.36
17	BARSINGHAR LTPS(250/250)	52.00	52.00	52.50	52.00	52.00	51.03	52.00	52.00	51.48	52.00	52.00	52.25
18	RAJWEST (1080/1080)	172.00	172.00	140.49	172.00	172.00	146.74	179.00	172.00	149.20	172.00	179.00	157.55
	TOTAL (A) : 1-18	1793.02	1797.35	1610.48	1749.72	1793.02	1673.73	1764.08	1749.72	1627.68	1598.34	1764.08	1551.21
19	BBMB COMPLEX												
a)	BHAKRA(230.79/1516.3)	15.81	16.13	15.76	15.08	15.81	15.49	15.53	15.08	15.44	15.21	15.53	15.32
b)	DEHAR (198/ 990)	10.06	10.13	9.57	10.21	10.06	10.02	8.45	10.21	9.01	7.08	8.45	7.61
c)	PONG (231.66/396)	37.62	36.44	36.62	38.26	37.62	37.72	38.17	38.26	38.26	37.72	38.17	38.17
	TOTAL : a TO c	63.49	62.70	61.96	63.55	63.49	63.23	62.14	63.55	62.71	60.01	62.14	61.10
20	CENTRAL STATIONS												
d)	SINGRAULI (300/2000)+SINGRAULI SHEP (1.87/8.00)	97.55	97.55	97.55	97.55	97.55	97.55	97.55	97.55	97.55	96.62	97.55	97.55
e)	RIHAND (310.24/3000)	104.15	102.27	109.92	103.95	104.15	102.81	83.91	103.95	86.49	103.23	83.91	92.07
f)	UNCHAHAR-(20/420)	5.68	6.07	7.10	2.88	5.68	3.89	5.84	2.88	2.56	6.36	5.84	5.84
g)	UNCHAHAR-II& III & IV(135.09/1130)	19.98	21.37	17.60	20.61	19.98	15.78	20.53	20.61	14.43	22.08	20.53	20.53
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	16.23	16.82	10.55	14.34	16.23	9.27	16.63	14.34	4.89	14.99	16.63	14.51
j)	DADRI GAS (77/830)	3.30	3.47	2.07	4.06	3.30	1.59	7.00	4.06	1.48	7.30	7.00	4.57
k)	ANTA (83.07/419)	14.52	14.85	7.18	9.85	14.52	7.00	10.00	9.85	7.03	1.22	10.00	5.53
l)	AURAIYA (61.03/663)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m)	NAPP (44/440)	9.13	9.13	9.13	9.20	9.13	9.13	9.22	9.20	9.25	9.22	9.22	9.22
n)	RAPP-B (125/440)	16.01	15.58	15.58	15.76	16.01	16.01	15.68	15.76	15.76	15.49	15.68	15.68
o)	RAPP-C (88/440)	19.01	19.01	19.01	19.01	19.01	19.01	19.01	19.01	19.01	18.78	19.01	19.01
p)	SALAL (20.36/690)	1.01	1.04	1.10	0.94	1.01	0.81	0.95	0.94	0.76	0.99	0.95	1.10
q)	URI (70.37/720)	8.72	8.94	8.35	8.76	8.72	7.76	8.59	8.76	7.50	7.54	8.59	7.20
r)	TANAKPUR (10.86/94)	1.04	1.04	1.03	1.04	1.04	1.00	0.97	1.04	0.97	0.95	0.97	0.97
s)	CHAMERA-I (105.84/540)	5.62	5.62	5.62	5.24	5.62	5.25	5.24	5.24	5.24	5.22	5.24	5.24
t)	CHAMERA-II (29.01/300)	2.02	2.03	1.88	1.87	2.02	1.96	1.92	1.87	1.85	1.87	1.92	1.84
u)	CHAMERA-III (25.21/231)	1.56	1.46	1.46	1.46	1.56	1.46	1.36	1.46	1.35	1.36	1.36	1.36
v)	DHAULIGANGA (27/280)	1.44	1.50	1.35	1.42	1.44	1.44	1.98	1.42	1.21	1.43	1.98	1.47
w)	DULHASTI (42.42/390)	4.56	4.41	4.27	4.56	4.56	4.56	4.45	4.56	4.43	4.36	4.45	4.27
x)	SEWA (13/120)	0.52	0.52	0.52	0.46	0.52	0.52	0.46	0.46	0.46	0.47	0.46	0.46
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.88	8.88	8.88	8.24	8.88	8.06	8.06	8.24	8.24	8.02	8.06	8.06
z)	TEHRI (75/1000)	4.92	4.92	4.92	4.92	4.92	5.00	4.92	4.92	4.92	4.89	4.92	4.88
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	6.49	6.48	6.64	6.49	6.49	6.91	6.02	6.49	6.64	5.68	6.02	5.72
ab)	TALA	0.63	0.61	0.52	0.63	0.63	0.51	0.49	0.63	0.47	0.48	0.49	0.42
ac)	MUNDRA UMPP (380/4000)	73.86	73.86	71.90	60.37	73.86	50.44	73.86	60.37	63.80	76.10	73.86	74.30
ad)	SASAN (372/3960)	84.15	84.15	84.15	84.15	84.15	84.15	84.15	84.15	84.15	83.83	84.15	84.15
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	27.13	26.36	24.68	16.67	27.13	19.31	25.20	16.67	18.28	28.42	25.20	25.26
af)	URS POWER/DADRI TH-I)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SCHEDULE (a TO af)	601.60	600.61	584.92	567.98	601.60	544.40	576.14	567.98	531.51	586.92	576.14	572.30
	LOSSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NET SCHEDULED	601.60	600.61	584.92	567.98	601.60	544.40	576.14	567.98	531.51	586.92	576.14	572.30
21	BILATERAL (REG.) EXCL. BANKING	4.57	4.92	4.92	4.57	4.57	4.57	4.57	4.57	4.57	4.41	4.57	4.57
22	BANKING	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.83	4.85	4.85
23	BILATERAL (INTER-REG.) EXCLUDING (ISOA & BANKING)	96.27	92.19	87.34	96.27	101.12	95.27	96.27	101.12	95.27	96.28	101.12	96.27
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-5.91	0.00	0.00	9.01	0.00	0.00	4.80	0.00	0.00	6.58
25	INDIAN ENERGY EXCHANGE	-24.19	-8.53	-8.53	23.85	-24.19	-24.19	-3.62	23.85	23.85	26.62	-3.62	-3.62
	TOTAL (B): (19 TO 25)	683.10	689.20	667.60	697.52	683.10	633.91	678.21	697.52	664.84	719.06	678.21	680.95
	TOTAL GENERATION (A +B) : 1 TO 25			2278.08			2307.64			2292.52			2232.16
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.11			22.68			13.29			29.90
	GRAND TOTAL	2476.13	2486.55	2311.19	2447.24	2476.13	2330.32	2442.29	2447.24	2305.81	2317.40	2442.29	2262.07
	LAST YEAR	2019.66	1908.59	1985.80	2061.94	2019.66	2000.69	1974.77	2061.94	2022.61	2106.51	1974.77	2013.16

3. SYSTEM PARAMETERS AS ON 25-Nov-18

MAXIMUM DRAWL ON 25-Nov-18	11451 MW at 09.30-09.45 Hrs 49.98 HZ
MINIMUM DRAWL ON 25-Nov-18	7551 MW at 21.45-22.00 Hrs 50.01 HZ
Max U/D of the day	296 MW at 04.00-04.15 Hrs 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	0
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	0
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	20
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	0
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	40
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
AVERAGE FREQ. FOR THE DAY 25-Nov-18	49.99 Hz
Max O/D of the day	482 MW at 09.45-10.00 Hrs 49.97 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	3.50
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	87.70
ABOVE 50.05 HZ	8.80
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.	26-Nov-18	26-Nov-17		
Gandhi Sagar (Ft.)	1312	1250	1285.28	1297.26	8972	236
R.P.Sagar (Ft.)	1157.5	1128	1140.90	#REF!	10188	13162
Jawahar Sagar (Ft.)	980	970.4	973.90	976.10	8193	13462
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1666.77	1656.56	8603	7824
Dehar (Ft.)	2941	2900	2925.52	2921.45	2110	2853
Pong(Ft.)	1421	1260	1377.31	1361.05	14009	3218
Mahi-I (Mts.)	281.5	259	280.05	280.40	2890	NIL
Mahi-II (Mts.)	220.5	217	217.10	217.00	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
26-Nov-18	KTPS	360314	18 DAYS
	STPS	204639	8 DAYS
	CHHABRA	153297	20.5 DAYS
	KALISINDH	139331	10 DAYS

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

26-Nov-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 (SD W.E.F.15.07.14)	
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58		NON AVAILABILITY OF SUFFICIENT GAS	
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08		BOXED UP	
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28		BOXED UP	
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29		BOXED UP	
STPS	2	250.00	229	55.00	229	19-Nov-18	12.33		BOXED UP	
Total(A)-STATE SECTOR-PLANNED OUTAGE		755.00	639.00	153.40	639.00					
CENTRAL SECTOR										
RAPS-B	3	220.00	63	15.07	63	14-Oct-18	11.57		ANNUAL MAINTENANCE	
AURAIYA-GPS	2	111.19	18	4.40	18	05-Nov-18	23.54		RESERVE SHUTDOWN	
DADRI-GPS	4	130.19	22	5.30	22	12-Nov-18	23.06		RESERVE SHUTDOWN	
AURAIYA-GPS	5	109.30	12	2.90	12	13-Nov-18	23.06		RESERVE SHUTDOWN	
AURAIYA-GPS	1	111.19	12	2.90	12	13-Nov-18	9.28		RESERVE SHUTDOWN	
AURAIYA-GPS	4	111.19	12	2.90	12	13-Nov-18	9.36		RESERVE SHUTDOWN	
AURAIYA-GPS	6	109.30	12	2.90	12	13-Nov-18	10.03		RESERVE SHUTDOWN	
AURAIYA-GPS	3	111.19	12	2.90	12	13-Nov-18	10.28		RESERVE SHUTDOWN	
DADRI-GPS	6	154.51	16	3.90	16	13-Nov-18	10.38		RESERVE SHUTDOWN	
DADRI-GPS	3	130.19	16	3.90	16	13-Nov-18	11.10		RESERVE SHUTDOWN	
ANTA-GPS	3	88.71	31	7.50	31	23-Nov-18	21.43		RESERVE SHUTDOWN	
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE		1386.96	225.80	54.57	225.80					
(B) FORCE OUTAGE										
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	
KALISINDH	2	600.00	565	135.60	565	07-Apr-18	17.31		DUE TO GENERATOR TRF TRIP	
KTPS	1	110.00	100	23.00	100	31-May-18	17.25		DESYNCHRONIZED DUE TO SUSPECTED TUBE LEAKAGE IN ECONOMISER	
RAJWEST	3	135.00	120	28.68	120	03-Nov-18	16.57		BED MATERIAL LEAKAGE	
STPS	4	250.00	229	55.00	229	18-Nov-18	20.45		SHUTDOWN DUE TO BOILER PROBLEM	
RAMGARH	GT #1	35.50	29	7.00	29	22-Nov-18	21.43		INSUFFICIENT GAS PRESSURE	
RAJWEST	1	135.00	120	28.68	120	25-Nov-18	6.00		HEAVY BED MATERIAL LEAKAGE	
ADANI	2	600.00	600	144.00	600	25-Nov-18	10.45		DESYNCHRONIZED DUE TO API-B HOT SECONDARY AIR BELOW LEAKAGE	
STPS	2	250.00	229	55.00	229	19-Nov-18	12.33		BOXED UP/LIFT UP AS PER RVNL MESSAGE NO. 09/11/18 DT25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO. 62 DT 25.11.18) DUE TO DATA COMMUNICATION ERROR IN DDC PANEL	
Total(B)-STATE SECTOR-FORCED OUTAGE		2300.50	2061.00	493.76	2061.00					
CENTRAL SECTOR										
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40		FURNANCE PRESSURE HIGH	
DADRI-II TPS	1	490.00	15	3.59	15	11-Nov-17	21.24		BOILER TUBE LEAKAGE	
JHAJHAR	1	500.00	5	1.20	5	20-Nov-17	17.51		BOILER TUBE LEAKAGE	
RIHAND	1	500.00	58	13.80	58	23-Nov-18	0.30		ANNUAL OVERHAULING	
RIHAND	3	500.00	59	0.00	0	24-Nov-18	4.50	25-Nov-18	10.16	DRUM LEVEL LOW
Total(B)-CENTRAL SECTOR-FORCED OUTAGE		2490.00	137.00	18.59	78.00					
G.TOTAL				512.35	2139.00					

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 (\$).