



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 06-Dec-18		Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency		1
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Outage of major Generating Units		6

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -DEC.- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Dec-18										
01-Dec-18	2340.39	2075.44	2287.25	2014.88	9.69	21.81	11804	11008	49.98	29.43
02-Dec-18	2376.61	2124.01	2266.12	2024.18	-4.82	16.65	11622	10534	50.00	69.01
03-Dec-18	2521.73	2073.93	2293.41	1960.75	6.85	30.24	12225	10391	49.97	60.02
04-Dec-18	2566.31	2061.26	2306.63	2071.16	10.94	5.66	11989	10325	49.96	70.35
05-Dec-18	2437.16	2112.90	2339.65	1911.82	0.41	5.03	12373	10380	49.95	39.71
06-Dec-18	2492.73	1947.37								
07-Dec-18										
08-Dec-18										
09-Dec-18										
10-Dec-18										
11-Dec-18										
12-Dec-18										
13-Dec-18										
14-Dec-18										
15-Dec-18										
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24-Dec-18										
25-Dec-18										
26-Dec-18										
27-Dec-18										
28-Dec-18										
29-Dec-18										
30-Dec-18										
31-Dec-18										
MAXIMUM OF THE MONTH	2566.31	2124.01	2339.65	2071.16	10.94	30.24	12373.00	11008.00	50.00	70.35
MIN OF THE MONTH	2340.39	1947.37	2266.12	1911.82	-4.82	5.03	11622.00	10325.00	49.95	29.43
AVERAGE	2455.82	2065.82	2298.61	1996.56	4.61	15.88	12002.60	10527.60	49.97	53.70

MAX.CONSUMPTION TILL DATE DURING THE FY 2018-19 (L.U.)	2549.75	05-Jun-18
MAX.PEAK LOAD TILL DATE DURING THE FY 2018-19 (MW)	12373	(09.30-09.45Hrs.) 05-Dec-18
MAX.CONSUMPTION DURING THE FY 2017-18 (L.U.)	2222.22	18-Aug-17
MAX.PEAK LOAD DURING THE FY 2017-18 (MW)	11564	(08.00-8.15Hrs.) 13-Jan-18
MAX.WIND TILL DATE DURING THE YEAR 2018-19 (L.U.)	565.54	13-Jun-18
MAX.WIND DURING THE YEAR 2017-18 (L.U.)	482.76	04-Jul-17

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Dav	Prior assessment of Avail.	Actual Energy Received
		5-Dec-18		
1	KTPS (1240/1240)	270.00	270.00	226.11
2	STPS (1500/1500)	110.00	165.00	125.51
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	17.00	17.00	15.14
5	RAPP-A(200/200)	35.00	35.00	37.18
6	MAHI (140/140)	0.00	0.00	5.55
7	CHAMBAL (RPS+JS) (135.5/271)	39.00	39.00	27.47
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSC TPP (660/660)	358.00	282.00	369.84
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	558.00	542.00	475.91
11	WIND FARM (4139.20/4292.95)	36.75	30.50	39.71
12	SOLAR POWER(1661.70/2250.16)	135.86	143.38	146.51
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	24.59
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	5.00	5.00	5.77
17	BARSINGHSAR LTPS(250/250)	24.00	25.00	24.06
18	RAJWEST (1080/1080)	172.00	172.00	146.47
	TOTAL (A) : 1-18	1760.61	1725.88	1669.82
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	16.96	17.28	17.10
b)	DEHAR (198/ 990)	7.63	7.62	7.75
c)	PONG (231.66/396)	36.09	34.91	34.64
	TOTAL : a TO c	60.67	59.81	59.49
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	97.08	91.96	92.02
e)	RIHAND (310.24/3000)	101.40	99.50	100.37
f)	UNCHAHAHAR-I(20/420)	6.03	5.93	6.25
g)	UNCHAHAHAR-II& III & IV(135.09/1130)	22.03	20.69	17.12
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	15.15	14.91	6.84
j)	DADRI GAS (77/830)	2.37	2.50	1.91
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.60	0.62
m)	NAPP (44/440)	9.36	9.36	9.36
n)	RAPP-B (125/440)	28.49	18.19	18.19
o)	RAPP-C (88/440)	18.92	18.92	18.92
p)	SALAL (20.36/690)	0.69	0.87	0.78
q)	URI (70.37/720)	6.11	6.28	5.55
r)	TANAKPUR (10.86/94)	0.92	0.94	0.91
s)	CHAMERA –I (105.84/540)	4.31	4.31	4.31
t)	CHAMERA-II (29.01/300)	1.54	1.75	1.44
u)	CHAMERA-III (25.21/231)	0.83	0.83	0.94
v)	DHAULIGANGA (27/280)	1.24	1.24	1.24
w)	DULHASTI (42.42/390)	3.95	3.95	3.95
x)	SEWA (13/120)	0.31	0.31	0.31
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	8.05	8.07	8.07
z)	TEHRI (75/1000)	4.84	4.84	4.84
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	5.93	5.93	5.44
ab)	TALA	0.37	0.37	0.37
ac)	MUNDRA UMPP (380/4000)	77.99	70.24	70.24
ad)	SASAN (372/3960)	83.97	77.70	79.63
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	23.76	24.59	22.45
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	586.31	554.57	541.54
	LOSSES	0.00	0.00	0.00
	NET SCHEDULED	586.31	554.57	541.54
21	BILATERAL (REG.) EXCL. BANKING	4.20	4.55	4.55
22	BANKING	31.49	31.49	31.49
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	96.17	144.86	113.37
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-28.84
25	INDIAN ENERGY EXCHANGE	13.96	7.30	7.30
	TOTAL(B): (19 TO 25)	732.12	711.28	669.42
	TOTAL GENERATION (A +B) : 1 TO 25			2339.24
	OVER DRAWAL (+)/UNDER DRAWAL (-)			0.41
	GRAND TOTAL	2492.73	2437.16	2339.65
	LAST YEAR	1947.37	2085.27	1911.81

3.SYSTEM PARAMETERS AS ON 05-Dec-18

MAXIMUM DRAWL ON 05-Dec-18	12373 MW at 09.30-09.45 Hrs 49.92 HZ
MINIMUM DRAWL ON 05-Dec-18	7024 MW at 04.00-04.15 Hrs 49.92 HZ
Max U/D of the day	539 MW at 21.45-22.00 Hrs 50.03 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	9
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.0 Hz	72
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	8
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.0 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	13
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	2
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	5
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	2
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.	6-Dec-18	6-Dec-17		
Gandhi Sagar (Fl.)	1312	1250	1283.28	1195.83	NA	NA
R.P.Sagar (Fl.)	1157.5	1128	1140.92	#REF!	13715	13715
Jawahar Sagar (Fl.)	980	970.4	975.60	976.20	6516	14022
Kota Barrage(Fl.)	854.5	852.3	854.30	NA		
RMC					5025	
LMC					550	
Bhakra(Fl.)	1690	1462	1665.76	NA	10042	7123
Dehar (Fl.)	2941	2900	2922.90	NA	2290	2548
Pong(Fl.)	1421	1260	1373.86	NA	13503	2436
Mahi-I (Mts.)	281.5	259	279.15	179.70	2200	NIL
Mahi-II (Mts.)	220.5	217	217.65	217.95	NIL	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY	5-Dec-18	49.95 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	622 MW at 09.30-09.45 Hrs 49.92 HZ		6-Dec-18	KTPS	362807	18 days
Frequency Profile	% of Time					
LESS THAN 49.7 HZ	0.00			STPS	178080	7 days
LESS THAN 49.90 HZ	19.10					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	75.50			CHHABRA	224932	24 days
ABOVE 50.05 HZ	5.40					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			CHHABRA	124031	9 days
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.

6-Dec-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	49	14.48	60	11-Jun-14	8.20				BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
RAMGARH	STG2	50.00	40	9.60	40	05-Oct-18	10.58				NON AVAILABILITY OF SUFFICIENT GAS
DCPP	HRS2	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCPP	HRS1	55.00	50	12.00	50	08-Oct-18	12.08				BOXED UP
DCPP	GT2	110.00	100	24.00	100	08-Oct-18	12.28				BOXED UP
DCPP	GT1	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 LIFT UP AS PER RVNL MESSAGE NO. 09/11415 DT25.11.18) NOW UNDER SHUT DOWN AS PER STPS MSG NO. 432 DT 25.11.18) DUE TO DATA COMMUNICATION ERROR IN DDC PANEL
STPS	6	250.00	229	55.00	229	02-Dec-18	21.55				BOXED UP
STPS	3	250.00	229	55.00	229	04-Dec-18	13.12				BOXED UP
RAMGARH	STG1	50.00	10	0.00	0	04-Dec-18	21.15	05-Dec-18	12.25		MANUALLY DESYNCRONIZED
STPS	5	250.00	229	55.00	229	05-Dec-18	19.10				BOXED UP (VIDE RVNL MSG. NO. 7426 AND 09/1296 DT.05.12.2018)
Total(A) STATE SECTOR- PLANNED OUTAGE			1555.00	1326.00	316.00	1316.00					
CENTRAL SECTOR											
RAPS-B	3	220.00	63	0.00	0	14-Oct-18	11.57	05-Dec-18	21.58		ANNUAL MAINTENANCE
AURAIYA GFS	2	111.19	18	0.00	0	05-Nov-18	23.54	04-Dec-18	19.08		RESERVE SHUTDOWN
DADRI GFS	4	130.19	22	5.30	22	12-Nov-18	23.06				RESERVE SHUTDOWN
AURAIYA GFS	5	109.30	12	0.00	0	13-Nov-18	23.06	04-Dec-18	22.57		RESERVE SHUTDOWN
AURAIYA GFS	1	111.19	12	2.90	12	13-Nov-18	9.28				RESERVE SHUTDOWN
AURAIYA GFS	3	111.19	12	2.90	12	13-Nov-18	10.28				RESERVE SHUTDOWN
DADRI GFS	6	154.51	16	3.90	16	13-Nov-18	10.38				RESERVE SHUTDOWN
DADRI GFS	3	130.19	16	3.90	16	13-Nov-18	11.10				RESERVE SHUTDOWN
ANTA GFS	3	88.71	31	7.50	31	23-Nov-18	21.43				RESERVE SHUTDOWN
AURAIYA GFS	4	111.19	18	4.40	18	20-Nov-18	5.33				RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GFS	6	109.30	12	2.90	12	20-Nov-18	5.47				RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
AURAIYA GFS	3	111.19	18	4.40	18	20-Nov-18	5.57				RESERVE SHUTDOWN-NON AVAILABILITY OF GAS
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			1498.15	249.80	38.10	157.00					
(B) FORCE OUTAGE											
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	3	135.00	120	28.68	120	03-Nov-18	16.57				BED MATERIAL LEAKAGE
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
CTPP	3	250.00	225	0.00	0	03-Dec-18	11.33	05-Dec-18	15.46		DUE TO BTL
BTPP	2	125.00	110	26.40	110	04-Dec-18	0.50				ID FAN PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE			805.50	673.00	107.56	448.00					
CENTRAL SECTOR											
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40				FURNACE PRESSURE HIGH
JHAJJAR	1	500.00	5	1.20	5	28-Nov-17	17.51				BOILER TUBE LEAKAGE
RBIAND	1	500.00	58	13.80	58	23-Nov-18	0.30				ANNUAL OVERHAULING
ANTA GFS	2	88.71	31	7.50	31	26-Nov-18	5.06				NON AVAILABILITY OF CHEAP GAS
ANTA GFS	4	153.20	34	8.20	34	26-Nov-18	5.14				NON AVAILABILITY OF CHEAP GAS
ANTA GFS	1	88.71	31	7.50	31	26-Nov-18	5.54				NON AVAILABILITY OF CHEAP GAS
DADRI GFS	1	130.19	22	5.30	22	02-Dec-18	6.11				RESERVE SHUTDOWN
AURAIYA GFS	5	109.30	12	2.90	12	05-Dec-18	6.17				TRIPPED REASON AWAITED
RAPS-B	3	220.00	63	0.50	0	05-Dec-18	22.50	06-Dec-18	0.48		TRIPPED FOR TESTING PURPOSE
Total(B) CENTRAL SECTOR- FORCED OUTAGE			2290.11	255.80	46.90	193.00					
G.TOTAL			154.46	641.00							

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 (S).