पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day **Date of Reporting** **21-Oct-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41936	36775	36265	18111	2350	135436
Peak Shortage (MW)	714	29	0	0	185	928
Energy Met (MU)	913	876	772	366	43	2970
Hydro Gen(MU)	154	12	95	68	19	349
Wind Gen(MU)	3	29	57	----------	----------	89
Solar Gen (MU)*	0.88	14.82	32.70	0.35	0.00	49
Energy Shortage (MU)	9.2	0.0	0.0	0.0	1.5	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43289	37729	36784	18298	2326	137129

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.033	0.00	0.57	5.47	6.04	82.05	11.91

C. Power Supply Position in States

RegionRegion	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	5778	0	122.7	50.1	0.5	191	0.0
	Haryana	5808	0	117.1	81.2	1.7	233	0.0
	Rajasthan	8887	0	176.4	59.0	0.5	258	0.0
	Delhi	3468	0	73.2	60.9	-1.4	134	0.0
	UP	16024	0	339.5	151.9	0.5	691	0.0
	Uttarakhand	1553	0	26.8	10.4	-0.9	104	0.0
	HP	930	0	15.3	4.5	-0.1	267	0.0
	J&K	1897	474	38.7	33.5	-2.3	29	9.1
	Chandigarh	189	0	3.2	4.0	-0.7	17	0.0
WR	Chhattisgarh	3353	0	72.6	13.2	-2.1	105	0.0
	Gujarat	10127	0	225.4	60.2	0.4	693	0.0
	MP	9224	0	206.4	140.5	3.0	563	0.0
	Maharashtra	15102	0	338.0	103.3	1.1	317	0.0
	Goa	460	0	9.2	8.8	0.4	49	0.0
	DD	162	0	3.3	2.7	0.6	37	0.0
	DNH	537	0	11.0	10.5	0.5	82	0.0
	Essar steel	498	0	10.1	9.7	0.4	177	0.0
SR	Andhra Pradesh	6775	0	148.6	47.8	1.6	408	0.0
	Telangana	7233	0	156.3	51.2	0.7	377	0.0
	Karnataka	6626	0	132.9	50.8	0.4	335	0.0
	Kerala	3420	0	67.0	44.6	1.4	304	0.0
	Tamil Nadu	12747	0	259.9	127.7	-0.5	546	0.0
	Pondy	355	0	7.0	7.4	-0.4	56	0.0
ER	Bihar	4458	0	80.4	75.1	-3.8	150	0.0
	DVC	2882	0	62.1	-19.1	-1.0	200	0.0
	Jharkhand	978	0	20.4	12.5	-1.7	55	0.0
	Odisha	3960	0	78.8	38.5	3.3	190	0.0
	West Bengal	6625	0	123.0	31.7	2.2	200	0.0
	Sikkim	78	0	1.0	1.3	-0.3	10	0.0
NER	Arunachal Pradesh	107	1	2.5	2.2	0.3	7	0.0
	Assam	1462	140	25.0	20.0	-0.1	141	1.2
	Manipur	145	1	2.5	2.4	0.1	20	0.1
	Meghalaya	265	0	5.5	1.0	0.3	126	0.0
	Mizoram	82	0	1.3	1.3	0.0	15	0.0
	Nagaland	110	0	2.5	1.9	0.1	23	0.0
	Tripura	220	1	3.7	3.2	-1.0	90	0.1

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.3	-2.6	-14.0
Day peak (MW)	815.7	-187.8	-675.6

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.5	-196.7	52.1	-42.9	1.0	1.9
Actual(MU)	185.8	-192.2	49.4	-40.9	-1.3	0.7
O/D/U/D(MU)	-2.7	4.5	-2.7	2.0	-2.3	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3396	15061	4560	1700	141	24858
State Sector	11950	19273	11432	7025	50	49730
Total	15346	34334	15992	8725	190	74588

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	524	995	453	356	4	2333
Hydro	154	12	95	68	19	348
Nuclear	33	16	38	0	0	87
Gas, Naptha & Diesel	31	49	19	0	24	123
RES (Wind, Solar, Biomass & Others)	8	44	122	0	0	175
Total	749	1117	728	425	47	3066

***Source**: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : 21-Oct-17

Import=(+ve) /Export =(-ve) for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	201	0.0	4.3	-4.3
2		SASARAM-FATEHPUR	S/C	0	23	2.3	0.0	2.3
3		GAYA-BALIA	S/C	0	334	0.0	5.2	-5.2
4	HVDC	ALIPURDUAR-AGRA	-	0	277	0.0	8.7	-8.7
5		PUSAULI B/B	S/C	0	97	0.0	2.4	-2.4
6	400 KV	PUSAULI-VARANASI	S/C	0	127	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	25	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	585	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	964	0.0	13.7	-13.7
10		BIHARSHARIFF-BALIA	D/C	0	196	0.0	3.6	-3.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	187	0.0	3.3	-3.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
					ER-NR	**6.8**	**52.3**	**-45.5**
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.5	0.0	10.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.0	0.0	8.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1
23		STERLITE-RAIGARH	D/C	0	0	6.1	0.0	6.1
24		RANCHI-SIPAT	D/C	0	0	6.9	0.0	6.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.4	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
					ER-WR	**40.3**	**0.4**	**39.9**
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.9	-16.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	227.0	0.0	7.4	-7.4
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1625.5	0.0	26.9	-26.9
30	400 KV	TALCHER-I/C	D/C	0.0	899.8	0.0	15.9	-15.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**51.1**	**-51.1**
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1107	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	906	0.0	4.6	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
					ER-NER	**0.0**	**14.3**	**-14.3**
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.0	-17.0
					NER-NR	**0.0**	**17.0**	**-17.0**
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.5	-31.5
37		V'CHAL B/B	D/C	250	300	2.6	3.4	-0.8
38		APL -MHG	D/C	0	2015	0.0	44.2	-44.2
39	765 KV	GWALIOR-AGRA	D/C	0	2510	0.0	42.9	-42.9
40		PHAGI-GWALIOR	D/C	0	1024	0.0	17.3	-17.3
41	400 KV	ZERDA-KANKROLI	S/C	218	0	3.5	0.0	3.5
42		ZERDA -BHINMAL	S/C	197	50	1.6	0.0	1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	255	0	2	-2
45	220 KV	BADOD-KOTA	S/C	113	0	1.6	0.0	1.6
46		BADOD-MORAK	S/C	51	23	0.5	0.0	0.5
47		MEHGAON-AURAIYA	S/C	50	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	19	6	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**10.9**	**140.9**	**-130.0**
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	400	300	7.1	0.9	6.1
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	235	1079	0.0	10.4	-10.4
53		WARDHA-NIZAMABAD	D/C	0	1616	0.0	27.4	-27.4
54	400 KV	KOLHAPUR-KUDGI	D/C	563	0	8.3	0.0	8.3
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0
					WR-SR	**17.4**	**38.8**	**-21.4**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**17.3**
59		NEPAL						**-2.6**
60		BANGLADESH						**-14.0**

1). All India Power System Scenario - Comparison with the same week of previous year

Date of Reporting: 21.10.17

Northern Region

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	45684	42545	**7.4**
Peak Shortage	981	922	**6.4**
Energy Met	993	907	**9.5**
Hydro	158	160	**-1.0**
Wind	6	11	**-47.1**

Eastern Region

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	20134	18293	**10.1**
Peak Shortage	130	129	**1.3**
Energy Met	404	362	**11.6**
Hydro	82	72	**13.4**
Wind	-	-	-

Western Region

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	43346	44336	**-2.2**
Peak Shortage	66	18	**270.8**
Energy Met	1022	972	**5.2**
Hydro	18	64	**-71.6**
Wind	19	15	**29.5**

North-Eastern Region

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	2590	2408	**7.6**
Peak Shortage	120	94	**27.2**
Energy Met	47	44	**8.3**
Hydro	21	18	**20.7**
Wind	-	-	-

Southern Region

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	35090	37008	**-5.2**
Peak Shortage	0	186	**0.0**
Energy Met	747	883	**-15.4**
Hydro	95	68	**39.0**
Wind	58	16	**268.4**

All India Summary

	14.10.17 TO 20.10.17	14.10.16 TO 20.10.16	% Increase
Peak Demand	146845	144591	**1.6**
Peak Shortage	1297	1348	**-3.8**
Energy Met	3214	3167	**1.5**
Hydro	374	382	**-1.9**
Wind	82	41	**100.6**
Gen Outage	69317	65522	**5.8**

All India Frequency Profile

	<49.7		49.7-49.8		AVE. Freq.	FVI
Date	20.10.17	20.10.16	20.10.17	20.10.16	20.10.17	20.10.17
NEW GRID	0.0	0.0	0.6	1.4	49.99	0.033
SR GRID	0.0	0.0	0.6	1.4	49.99	0.033

	49.8-49.9		<49.9		49.9-50.05		>50.05	
Date	20.10.17	20.10.16	20.10.17	20.10.16	20.10.17	20.10.16	20.10.17	20.10.16
NEW GRID	5.47	15.57	6.04	17.0	**82.05**	**75.73**	11.91	7.30
SR GRID	5.47	15.57	6.04	17.0	**82.05**	**75.73**	11.91	7.30

2). Market Data (Power Exchange)

For Date: 21.10.17

Volume

Exchange	Provisional (MUs)	Final (MUs)
PXI	10.20	10.20
IEX	94.45	94.45
Total	**104.65**	**104.65**

Congestion

Link	Time Block
NR DRAWAL	Nil
SR DRAWAL	Nil
ER-SR	Nil
WR-SR	1-96

All India Energy Balance for ISTS for 20-Oct-2017

	Schedule	Actual	Deviation
Northern Region			
Injection	288.6	289.7	1.1
Drawal	456.1	449.9	-6.2
Transnational	0.0	-0.1	-0.1
Western Region			
Injection	546.8	572.1	25.3
Drawal	353.9	353.3	-0.6
Southern Region			
Injection	285.2	288.6	3.4
Drawal	333.2	332.7	-0.5
Eastern Region			
Injection	201.4	201.5	0.1
Drawal	143.7	138.6	-5.1
Transnational	-13.1	-13.5	-0.5
North Eastern Region			
Injection	32.4	33.7	1.3
Drawal	32.5	31.5	-1.0
All India			
Injection, "A"	**1354.4**	**1385.6**	**31.2**
Drawal, "B"	**1319.4**	**1306.1**	**-13.3**
Transnational, "C"	**-13.1**	**-13.7**	**-0.6**
Regional Losses (MU)			
NR	**21.0**	**25.6**	
WR	**-3.8**	**26.6**	
SR	**4.1**	**5.3**	
ER	**1.7**	**8.5**	
NER	**0.9**	**0.9**	
All India Loss			
Loss(MU), "D" = A-B+C	**22.0**	**65.9**	**43.9**
Loss(%), "E"= D/A	**1.62**	**4.76**	

* All figures in MU unless specified otherwise

Note: Injection is the sum of injection by each regional entity power stations.
Drawal is the sum of drawal by each regional entity drawal utility.

Northern Region Energy Balance for ISTS for 20-Oct-2017					
Sl. No.			Schedule	Actual	Deviation
A	**States**				
1	Punjab		50.1	50.6	0.5
2	Haryana		81.2	82.9	1.7
3	Rajasthan		59.0	59.5	0.5
4	Delhi		60.9	59.5	-1.4
5	UP		151.9	152.4	0.5
6	Uttarakhand		10.4	9.4	-0.9
7	HP		4.5	4.4	-0.1
8	J & K		33.5	31.1	-2.3
9	Chandigarh		4.0	3.2	-0.7
	Total Drawal		**451.4**	**449.9**	**-1.5**
B	**Regional Entities Generation**				
1	Singrauli STPS	2000 MW	39.3	39.9	0.6
2	Rihand I STPS	1000 MW	21.7	21.7	0.0
3	Rihand II STPS	1000 MW	22.1	22.4	0.3
4	Rihand III STPS	1000 MW	21.6	22.0	0.4
5	Dadri I STPS	840 MW	10.1	10.1	0.0
6	Dadri II STPS	980 MW	12.4	12.3	-0.1
7	Unchahar I TPS	420 MW	2.4	2.2	-0.1
8	Unchahar II TPS	420 MW	5.8	5.5	-0.3
9	Unchahar III TPS	210 MW	3.1	3.0	-0.1
	Unchahar IV TPS	500 MW	8.0	8.2	0.2
10	ISTPP (Jhajjhar)	1500 MW	15.5	15.2	-0.3
11	Dadri GPS	830 MW	3.0	3.0	0.0
12	Anta GPS	419 MW	0.0	0.0	0.0
13	Auraiya GPS	663 MW	0.0	0.0	0.0
14	Dadri Solar	5 MW	0.0	0.0	0.0
15	Unchahar Solar	10 MW	0.0	0.0	0.0
16	Singrauli Solar	15 MW	0.1	0.0	0.0
17	KHEP	800 MW	5.0	5.4	0.4
18	NAPS	440 MW	9.5	9.4	-0.1
19	RAPS- B	440 MW	9.9	9.3	-0.6
20	RAPS- C	440 MW	10.0	9.8	-0.2
21	Chamera I HPS	540 MW	2.6	2.8	0.2
22	Chamera II HPS	300 MW	2.4	2.5	0.1
23	Chamera III HPS	231 MW	1.7	1.7	0.1
24	Bairasuil HPS	180 MW	0.7	0.8	0.1
25	Salal-HPS	690 MW	4.3	4.9	0.5
26	Tanakpur-HPS	94 MW	1.5	1.5	0.1
27	Uri-I HPS	480 MW	1.6	1.9	0.3
28	Uri-II HPS	240 MW	1.2	1.2	0.0
29	Dhauliganga-HPS	280 MW	2.9	3.0	0.1
30	Dulhasti-HPS	390 MW	7.0	7.3	0.3
31	Sewa-II HPS	120 MW	0.4	0.3	0.0
32	Parbati 3	520 MW	1.2	1.2	0.0
33	NJ HEP	1500 MW	12.9	12.8	-0.1
34	Rampur HEP	412 MW	3.6	3.7	0.1
35	Tehri HPS	1000 MW	6.7	6.8	0.1
36	Koteshwar HPS	400 MW	2.2	2.2	0.1
37	Bhakra HPS	1379 MW	12.4	12.5	0.1
38	Dehar HPS	990 MW	6.1	6.4	0.2
39	Pong HPS	396 MW	4.5	4.5	0.0
40	ALLAIN DUHANGAN HPS(IPP)	192 MW	1.0	1.0	0.1
41	KARCHAM WANGTOO HPS(IPP)	1000 MW	8.3	7.1	-1.3
42	Malana Stg-II HPS	100 MW	0.7	0.7	0.1
43	Shree Cement TPS	300 MW	2.8	2.9	0.0
44	Budhil HPS(IPP)	70 MW	0.6	0.5	-0.1
	Total Generation	**25736 MW**	**288.6**	**289.7**	**1.1**
C	**Inter Regional Exchange**		**188.5**	**185.8**	**-2.7**
D	**Trans-National Exchange**		**0.0**	**-0.1**	
E	**RRAS**		**4.6**		
F	**ISTS Loss (MU)**		**21.0**	**25.6**	**4.7**
	ISTS Loss (%)		**4.40**	**5.39**	

Western Region Energy Balance for ISTS for 20-Oct-2017					
Sl. No.			**Schedule**	**Actual**	**Deviation**
A	**States**				
1	Gujarat		60.2	60.6	0.4
2	Madhya Pradesh		140.5	143.5	3.0
3	Chattisgarh		13.2	11.2	-2.1
4	Maharashtra		103.3	104.5	1.1
5	Goa		8.8	9.2	0.4
6	Daman & Diu		2.7	3.3	0.6
7	Dadra & Nagar Haveli		10.5	11.0	0.5
8	Essar Steel		9.7	10.1	0.4
	Total Drawal		**348.9**	**353.3**	**4.3**
B	**Regional Entities Generation**				
1	Korba-I&II	2100 MW	35.2	42.3	7.2
2	Korba-III	500 MW	11.0	11.0	-0.1
3	Vindhyachal-I	1260 MW	26.1	26.6	0.5
4	Vindhyachal-II	1000 MW	22.3	23.3	1.1
5	Vindhyachal-III	1000 MW	22.3	22.2	-0.1
6	Vindhyachal-IV	1000 MW	22.1	23.4	1.2
7	Vindhyachal-V	500 MW	5.7	10.8	5.2
8	Sipat-I	1980 MW	34.2	35.1	0.9
9	Sipat-II	1000 MW	18.7	19.1	0.5
10	Mouda-I	1000 MW	6.9	6.8	-0.1
11	Sasan	3960 MW	87.0	89.5	2.5
12	Mundra	4150 MW	55.2	54.8	-0.4
13	NSPCL	500 MW	5.4	5.3	-0.1
14	Kakrapar	440 MW	0.0	-0.1	-0.1
15	Tarapur I	320 MW	3.6	3.7	0.1
16	Tarapur-II	1080 MW	11.3	12.4	1.0
17	Kawas	656 MW	6.6	9.6	3.1
18	Gandhar	657 MW	7.9	7.6	-0.3
19	E-Bid RGPPL	1000 MW	11.7	11.5	-0.3
20	SSP	1450 MW	2.4	2.0	-0.4
21	Mouda-II	500 MW	10.3	10.2	-0.1
22	Essar Mahan	600 MW	6.3	6.4	0.1
23	Vandana Vidyut	135 MW	0.0	0.0	0.0
24	Balco	1200 MW	7.6	7.7	0.1
25	JP Nigrie	1320 MW	18.6	19.4	0.8
26	Lanco	600 MW	10.5	13.1	2.6
27	KSK Mahnadi	1200 MW	20.1	20.2	0.1
28	Jindal Stg-1	1000 MW	5.0	4.9	-0.1
29	Jindal Stg-2	1800 MW	18.4	18.4	0.0
30	DCPP	540 MW	0.0	0.0	0.0
31	Korba West	600 MW	0.0	0.0	0.0
32	DBPower	1200 MW	11.3	11.4	0.1
33	EMCO	600 MW	5.8	6.1	0.3
34	ACBIL+ Spectrum+MCPL	620 MW	9.1	9.0	0.0
35	Dhariwal	300 MW	4.3	4.3	0.0
36	SKS	0 MW	0.0	0.0	0.0
37	RKM	720 MW	0.0	0.0	0.0
38	MB Power	1200 MW	13.4	13.3	-0.1
39	GMR Chhattisgarh	1370 MW	10.6	10.8	0.2
40	DGEN	1200 MW	0.0	0.0	0.0
41	Jhabua	600 MW	0.0	0.0	0.0
	Total Generation	**42858 MW**	**546.8**	**572.1**	**25.3**
C	**Inter Regional Exchange**		**-196.7**	**-192.2**	**4.5**
D	**RRAS**		**4.9**		
F	**ISTS loss (MU)**		**-3.8**	**26.6**	
	ISTS loss (%)		**-0.69**	**4.65**	

Southern Region Energy Balance for ISTS for 20-Oct-2017					
Sl. No.			**Schedule**	**Actual**	**Deviation**
A	**States**				
1	Andhra Pradesh		47.8	49.4	1.6
2	Telangana		51.2	51.9	0.7
3	Karnataka		50.8	51.2	0.4
4	Kerala		44.6	46.0	1.4
5	Tamil Nadu		127.7	127.2	-0.5
6	Pondicherry		7.4	7.0	-0.4
	Total Drawal		**329.5**	**332.7**	**3.2**
B	**Regional Entities Generation**				
1	Ramagundam,NTPC	2600 MW	52.9	50.6	-2.3
2	Neyveli TPS II	1470 MW	18.1	20.8	2.7
3	Neyveli TPS I (EXP)	420 MW	9.0	8.8	-0.2
4	Madras APS	440 MW	9.2	9.0	-0.2
5	Kaiga STGI	440 MW	9.6	9.5	-0.1
6	Kaiga STG II	440 MW	9.9	9.8	-0.1
7	Neyveli TPS II (EXP)	500 MW	1.7	1.9	0.2
8	Talcher II, NTPC	2000 MW	32.3	32.3	-0.1
9	Simhadri II, NTPC	1000 MW	13.5	13.0	-0.5
10	Kudankulam	2000 MW	10.2	10.1	-0.1
11	Vallur	1500 MW	15.2	14.7	-0.5
12	NTPL	1000 MW	12.4	11.1	-1.3
13	LKPPL STG1	366 MW	0.0	0.0	0.0
14	LKPPL STG2	368 MW	0.0	0.0	0.0
15	Simhapuri	600 MW	0.0	0.0	0.0
16	Meenakshi	300 MW	4.0	3.8	-0.2
17	Coastal Energen	1200 MW	5.8	6.6	0.8
18	TPCIL	1320 MW	22.8	23.0	0.1
19	IL&FS	1200 MW	19.7	20.9	1.2
20	SGPL (NCC)	660 MW	17.7	18.4	0.7
21	NTPC Kudgi	1600 MW	8.0	10.7	2.8
22	Simhadri I, NTPC	1000 MW	13.2	13.6	0.4
	Total Generation	**22424 MW**	**285.2**	**288.6**	**3.4**
C	**Inter Regional Exchange**		**52.1**	**49.4**	**-2.7**
D	**RRAS**		**3.7**		
E	**ISTS loss (MU)**		**4.1**	**5.3**	
	ISTS loss (%)		**1.22**	**1.57**	

Eastern Region Energy Balance for ISTS for 20-Oct-2017					
Sl. No.			**Schedule**	**Actual**	**Deviation**
A	**States**				
1	Bihar		75.1	71.3	-3.8
2	DVC		-19.1	-20.1	-1.0
3	Jharkhand		12.5	10.8	-1.7
4	Odisha		38.5	41.8	3.3
5	West Bengal		31.7	33.8	2.2
6	Sikkim		1.3	1.0	-0.3
7	**Total Drawal**		**139.9**	**138.6**	**-1.3**
B	**Regional Entities Generation**				
1	Farakka STPS - I & II	1600 MW	23.4	22.8	-0.6
2	Farakka STPS - III	500 MW	6.7	6.7	-0.1
3	Kahalgaon STPS - I	840 MW	13.4	13.3	-0.1
4	Kahalgaon STPS - II	1500 MW	24.0	23.7	-0.3
5	Barh STPS - I & II	1320 MW	22.1	22.3	0.3
6	Talcher STPS - I	1000 MW	21.5	21.6	0.1
7	Nabinagar	500 MW	3.8	4.3	0.4
8	Teesta	510 MW	9.2	9.5	0.3
9	Rangit	60 MW	1.4	1.4	0.1
10	Kurichu	60 MW	1.6	1.6	0.0
11	Tala	1020 MW	11.1	10.6	-0.5
12	Chukha	336 MW	3.7	3.6	-0.1
13	Dagachu	126 MW	0.0	0.0	0.0
14	MPL	1050 MW	20.6	21.4	0.8
15	APNRL	540 MW	0.0	0.0	0.0
16	GMR	1050 MW	7.8	7.7	-0.1
17	JITPL	1200 MW	10.2	10.4	0.3
18	Chuzachen HEP	110 MW	1.2	1.3	0.1
19	Jorethang HEP	96 MW	2.0	1.4	-0.6
20	Dikchu	96 MW	1.1	1.2	0.1
21	Teesta-III	1200 MW	16.7	16.9	0.2
	Total Generation	**14714 MW**	**201.4**	**201.5**	**0.1**
C	**Inter Regional Exchange**		**-42.9**	**-40.9**	**2.0**
D	**Trans-National Exchange**		**-13.1**	**-13.5**	
E	**RRAS**		**3.7**		
F	**ISTS loss (MU)**		**1.7**	**8.5**	
	ISTS loss (%)		**0.78**	**3.82**	

North Eastern Region Energy Balance for ISTS for 20-Oct-2017					
Sl.No.			**Schedule**	**Actual**	**Deviation**
A	**States**				
1	Arunachal Pradesh		2.2	2.5	0.3
2	Assam		20.0	19.9	-0.1
3	Manipur		2.4	2.5	0.1
4	Meghalaya		1.0	1.3	0.3
5	Mizoram		1.3	1.3	0.0
6	Nagaland		1.9	2.0	0.1
7	Tripura		3.2	2.2	-1.0
	Total Drawal		**32.0**	**31.5**	**-0.5**
B	**Regional Entities Generation**				
1	Khandong+Kopili Stage-II	75 MW	1.2	1.2	0.0
2	Kopili	200 MW	4.6	4.6	0.1
3	Kathalguri	291 MW	4.2	4.7	0.6
4	Loktak	105 MW	2.5	2.5	0.1
5	AGTCCPP	130 MW	1.6	1.8	0.2
6	Doyang	75 MW	0.7	0.7	0.1
7	Ranganadi	405 MW	3.4	3.4	0.0
8	Palatana	726 MW	11.1	11.3	0.2
9	BgTPP	250 MW	3.3	3.4	0.1
	Total Generation	**2257 MW**	**32.4**	**33.7**	**1.3**
C	**Inter Regional Exchange**		**1.0**	**-1.3**	**-2.3**
D	**RRAS**		**0.5**		
E	**ISTS loss (MU)**		**0.9**	**0.9**	
	ISTS loss (%)		**2.75**	**2.78**	

	Up	Down		ForDate	20-Oct-17
NR	4646.858	0			
WR	4909.275	0			
SR	390.4075	0			
ER	3731.675	0			
NER	526.7	0			

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(A). Generation Loss due to Coal Shortage for Previous Day

	Location	Agency	Total Capacity	Previous Day Average MW	Loss of Generation (in MW)	Remarks
NORTHERN REGION						
Kawai #1	Rajasthan		610	0	610	Coal shortage
Kalisindh # 2	Rajasthan		600	0	600	Coal shortage
Lalitpur #1	UP		660	0	660	Coal shortage
Bara# 1	UP		660	0	660	Coal shortage
IGSTPS Jhajjar#2	NTPC		500	0	500	Coal shortage
TOTAL			**3030**	**0**	**3030**	
WESTERN REGION						
Mouda (2*500+2*660)	Maharashtra	NTPC	2320	1200	1120	Poor coal receipt/Low Coal. Only Unit #2
Korba-I&II(3*200+3*500)	Chhattisgarh	NTPC	2100	1803	297	Poor coal receipt/Low C
Sipat-I&II(3*660+2*500)	Chhattisgarh	NTPC	2980	2415	565	Poor coal receipt/Low C
Solapur-1(1*660)	Maharashtra	NTPC	660	0	660	Poor coal receipt/Low Coal;unit out since
APL,Mundra	Gujarat	Adani	4620	2841	1779	COAL SHORTAGE; unit-7 & 5 withdrawn on 23.09.201
Sanjay Gandhi	Madhya Pradesh	MPPGCL	1340	946	395	COAL SHORTAGE
Singaji TPS	Madhya Pradesh	MPPGCL	1200	318	282	COAL SHORTAGE
JPL Stage-1 (4*250)	CHATTISGARH	JPL	1000	247	753	NON Availabillity of C
JPL Stage-2 Unit #1, #2 (600 MW)	CHATTISGARH	JPL	2400	1200	0	COAL SHORTAGE
Satpura unit-6,7,8 &10	Madhya Pradesh	MPPGCL	870	459	411	COAL SHORTAGE;unit-7 w/d on 02:20HRS /14.06-201
Korba west	Chhattisgarh	CSPGCL	1340	982	358	COAL SHORTAGE
KSK Mahanadi Power Company Limited	Chhattisgarh	KSK Energy Ventures	1200	905	295	Partial loading operation is continue fro
R.K.M. Powergen, Uchpinda, P.O. Dhurkot, Distt. Janjgir Champa (CG)	Chhattisgarh	R.K.M. Powergen	720	200	360	COAL SHORTAGE
KORADI (Unit#7 & Unit#9)	Maharashtra	Maharashtra	870	0	870	Unit#7 (210 MW) & Unit#9(660 MW) withdrawn due to N
Khaparkheda (Unit#1,3)	Maharashtra	Maharashtra	420	0	420	Unit#1 (210 MW) & Unit#3(210 MW) withdrawn c
Khaparkheda (Unit#2,4,5)(2*210+1*500)	Maharashtra	Maharashtra	920	721	50	Unit#1 (210 MW) & Unit#3(210 MW) withdrawn c
Parli Unit-4,5	Maharashtra	Maharashtra	420	0	420	No coal since 08.08.1
Chandrapur (Unit#3)	Maharashtra	Maharashtra	210	0	210	Unit#3 (210 MW) withdrawn due to Non Availability of
Chandrapur Unit#4 to 9(1*210+5*500)	Maharashtra	Maharashtra	2710	2158	113	Unit#3 (210 MW) withdrawn due to Non Availability of
Bhusawal Unit#3	Maharashtra	Maharashtra	210	0	210	Coal Shortage from 29.0
Bhusawal Unit#4&5	Maharashtra	Maharashtra	1000	742	0	Coal Shortage
IB Amravati (Unit#1, Unit#3, Unit#5)	Maharashtra	India Bulls	810	0	810	3 Units (270 MW each) out on c
Marwa-1 &2	CHATTISGARH	CHATTISGARH	1000	718	282	COAL SHORTAGE
TOTAL			**31320**	**17854**	**10660**	
EASTERN REGION						
JITPL-1	ODISHA	JITPL	600	0	600	
GMR-1	ODISHA	GMR	350	0	350	
RAGHUNATHPUR -2	WEST BENGAL	DVC	600	0	600	
RAGHUNATHPUR -1	WEST BENGAL	DVC	600	0	600	
SAGARDIGHI-4	WEST BENGAL	WBPDCL	500	0	500	
BAKRESHWAR-4	WEST BENGAL	WBPDCL	210	0	210	
DSTPS-2	WEST BENGAL	DVC	500	0	500	
BAKRESHWAR-3	WEST BENGAL	WBPDCL	210	0	210	
TOTAL			**3570**	**0**	**3570**	
GRAND TOTAL					**17680**	

(B). Generation Loss due to Other Reasons

Station	Location	Agency	Total Capacity	Average MW	Loss of Generation (in MW)	Remarks
NORTHERN REGION						
TOTAL			**0**	**0**	**0**	

(A). Generation Loss due to Coal Shortage for Previous Day

	Location	Agency	Total Capacity	Previous Day Average MW	Loss of Generation (in MW)	Remarks
WESTERN REGION						
CGPL/UMPP(5*800MW)	Mundra	Tata Power	4000	2498.00	1502.00	U-40 outage.
NSPCL, BHILAI (2x250)	CG	NSPCL	500	247.80	252.17	Unit#2 SHUT DOWN
BHUSWAL(210*2+500*2)	MAH	MAH	1420	738.33	681.67	,LD INST,U-2 TRIP ON NO SCHEDULE,U-3 TRIP ON FLAME LOSS
CHANDRAPUR(2*210+5*500)	MAH	MAH	2920	1548.67	1627.03	,,,U-4 AND U-5 TRIP ON WATER SHORTAGE,U-7 TRIPP ON COAL SHC
KHAPARKHEDA(210*4+500)	MAH	MAH	1340.00	692.46	621.29	U-1 TRIP ON COAL SHORTAGE,,U-3 TRIP ON POOR COAL RECEIPT,C
KORADI(200+210*2+3*660)	MAH	MAH	2600	440.125	1499.88	PCQ , LD INST ,PCR ,U-5 AND U-6 TRIP ON ID FAN BROKEN,U-7AN , EXTREAM PCQ,,OTHER OPRATINAL PROB,
PARLI(210*3+3*250)	MAH	MAH	1170	0	1340.00	,,,U-4 AND U-5 TRIP ON WATER SHORTAGE,U-7 TRIPP ON COAL S
PARAS(2*250)	MAH	MAH	500	391	109.08	LD INST. ,PCQ , COAL FEEDER
JPL-I UNIT (4*250 MW)	CHATTISGARH	JPL	1000	235	765.42	Non avalability of Coal.
JPL-II UNIT (4*600 MW)	CHATTISGARH	JPL	2400	811	1588.71	1200 MW Loss due to schedule constraint
TROMBAY	MAH	Tata Power	1430	600	830.00	Unit 6 is kept under economic shutdown since 4th May 2016,LESS SCHEDULE
ACBIL, Kasipali (2*135)	Kasaipali	IPP/ACBIL	270	272	0.00	No generation loss
SCPL, Ratija (2*50)	Ratija	IPP/SCPL	100	99.8	0.00	Unit#1 had over sized coal problem
ACBIL, Chakabura (2*30)	Chakabura	IPP/ACBIL	60	60	0.00	Furnace draft abnorma
MCCPL, Bandakhar (1*300)	Bandakhar	IPP/MCCPL	300	300.22	0.00	No generation loss
SUGEN(3*383)	GUJ	TPL	1149	613.00	536.00	HIGH COST GEN.
GPEC	GUJ	GUVNL	655	60.00	595.00	HIGH COST GEN.
UGPP-2	GUJ	GUVNL	375	0.00	375.00	HIGH COST GEN.
DGBPS-1	GUJ	GUVNL	107	72.00	35.00	HIGH COST GEN.
DGBPS-2	GUJ	GUVNL	112	0	112.00	HIGH COST GEN.
TOTAL			**22408**	**9679**	**12729.22**	
SOUTHERN REGION						
TOTAL			**0**	**0**	**0**	
EASTERN REGION						
TOTAL			**0**	**0**	**0**	
GRAND TOTAL			**22408**	**9679**	**12729**	

Note:- In respect of loss of generation-

1. Units with capacity 200 MW and above have been taken.
2. Generating stations (stages) with total capacity of 500 MW and above where loss of generation is 200 MW and above have been taken.
3. Stations where unit is ready but out due to problems as transmissinon constraints, coolling water issues, statutory clearance etc. have been taken.

(C). GENERATION LOSS DUE TO LESS REQUISTION /HIGH COST

Date of Reporting:21.10.2017

	Station Name	Fuel Type	Installed Capacity (MW)	UNITS		Average Declared Capacity	Average Schedule	Less Requisition
				S/D	Fuel Shortage			
NR	ANTA	GAS	419			0	0	0
		RLNG				365	0	365
		LF				32	0	32
		Total				**396**	**0**	**396**
	AURAIYA	GAS	663			0	0	0
		RLNG				251	0	251
		LF				235	0	235
		Total				**486**	**0**	**486**
	DADRI	GAS	830			140	124	16
		RLNG				397	0	397
		LF				265	0	265
		Total				**802**	**124**	**678**
		NR TOTAL	**1912**			**1685**	**124**	**1561**
WR	KAWAS	GAS	656			235	220	15
		NAPM				77	56	21
		LF				0	0	0
		RLNG				325	0	325
		Total		0	0	**637**	**276**	**362**
	GANDHAR	GAS	657			294	273	21
		NAPM				74	58	16
		RLNG				240	1	240
		Total		0	0	**608**	**332**	**276**
	RGPPL	GAS	1967			0	0	0
		RLNG				0	0	0
		RLNG-IR				540	489	51
		Total		**0**	**0**	**540**	**489**	**51**
	WR TOTAL		**3280**	0	0	**1786**	**1097**	**689**

Note:-
Report of loss of generation in respect of ISGS stations of WR and NR due to less requisition/high cost.

DATE OF REPORTING-21.10.2017

GENERATION OUTAGE REPORT FOR 20.10.2017

NORTHERN			WESTERN			SOUTHERN			EASTERN			NORTH-EASTERN			
1. PLANNED OUTAGES															
STATION /AGENCY	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**TOTAL CAPACITY (MW)**
CENTRAL SECTOR			NSPCL	2	250										
Faridabad GPS	2	138	DB POWER	2	600	NEYVELI II	3	210							
Faridabad GPS	3	156	RKM POWER	2	360	TALCHER STG II	3	500							
Faridabad GPS	1	138	MB POWER	1	600										
Auraiya GPS	6	109	RGPPL	1B	320										
Auraiya GPS	4	111	TAPS	1	160										
Auraiya GPS	1	111	TAPS	4	540										
Dadri GPS	4	130	RGPPL	1A	320										
Dadri-I TPS	1	210	RGPPL	2A	332										
			RGPPL	2B	332										
Total (CS) (Planned)		**1103**	**Total (CS) (Planned)**		**3814**	**Total (CS) (Planned)**		710	**Total (CS) (Planned)**		0	**Total (CS) (Planned)**		0	5627
STATE SECTOR															
Guru Gobind Singh TPS (Ropar)	1	210	WANAKBORI	3	210				BARAUNI	6	105	Rokhia	5	8	
Panipat TPS	8	250	SINGAJI	1	600	NEYVELI I	8	100	PATRATU TPS	1	40	Rokhia	3	8	
Guru Hargobind Singh TPS (Lehra Mohabbat)	1	210	TROMBAY	6	500	RAICHUR TPS	2	210	PATRATU TPS	2	40	Gumti	1	5	
Guru Hargobind Singh TPS (Lehra Mohabbat)	2	210	PARLI	5	210	VIJAYAWADA TPS	1	210	PATRATU TPS	7	105	Umtru	1	3	
Guru Gobind Singh TPS (Ropar)	2	210	PARLI	4	210				PATRATU TPS	8	105	Umtru	3	3	
RGTPP(Khedar)	1	600	WPCL	2	135				PATRATU TPS	9	110	Bairabi	1	6	
Panipat TPS	6	210	URAN B0	1	120				PATRATU TPS	10	110	Bairabi	2	6	
Guru Hargobind Singh TPS (Lehra Mohabbat)	4	250	URAN	7	108				KOLAGHAT	3	210	Bairabi	3	6	
			KORADI	6	210				BOKARO B	1	210	Bairabi	4	6	
									BOKARO B	2	210				
									CTPS	2	130				
									MEJIA B	8	500				
Total (SS) (Planned)		**2150**	**Total (SS) (Planned)**		**2303**	**Total (SS) (Planned)**		**520**	**Total (SS) (Planned)**		**1875**	**Total (SS) (Planned)**		**50**	**6898**
Total (CS+SS) (Planned)		**3253**	**Total (CS+SS) (Planned)**		**6117**	**Total (CS+SS) (Planned)**		**1230**	**Total (CS+SS) (Planned)**		**1875**	**Total (CS+SS) (Planned)**		**50**	**12525**
2.FORCED OUTAGES															
CENTRAL SECTOR															
Dehar HPS	5	165	JPL STG-I	2	250	KUDANKULAM NPS	UNIT 2	1000	JITPL	1	600	AGBPP	4	34	
Barsingsar (IPP) LTPS	2	125	SKS POWER	2	300	KUDGI STPS	UNIT 2	800	GMR	1	350	AGTCCPP	2	21	
Dadri GPS	6	155	KWPCL	1	600	KUDGI STPS	UNIT 3	800	ADHUNIK	2	270	KOPILI STAGE 2	1	25	
Unchahar TPS	1	210	VANDANA	1	135	NEYVELI TS II EXP	UNIT 1	250	ADHUNIK	1	270	MONARCHAK	STG-1	36	
			SIPAT I	2	660	NTPL	UNIT 2	500	MEJIA	3	210	AGTPP EXTN	STG-1	25	
			JPL STG-I	4	250	VALLUR	UNIT 3	500							
			KAWAS	ST 1C	116										
			KAWAS	GT 1B	106										
			GANDHAR	GT ST 3	219										
			KAWAS	GT 1A	106										
			KAPS	2	220										
			KAPS	1	220										
			JHABUA POWER	1	600										
			MOUDA	3	660										
			GMR WARORA	2	300										
			SOLAPUR STPS	1	660										
			GHATGHAR	2	125										
			MOUDA	2	500										
Total (CS) (Forced)		**655**	**Total (CS) (Forced)**		**6027**	**Total (CS) (Forced)**		3850	**Total (CS) (Forced)**		1700	**Total (CS) (Forced)**		141	12372
STATE SECTOR															
Giral (IPP) LTPS	1	125	KORBA(E)	1	50	ENNORE TPS	UNIT 1	60	RAGHUNATHPUR	2	600				
Giral (IPP) LTPS	2	125	UKAI	5	210	ENNORE TPS	UNIT 2	60	RAGHUNATHPUR	1	600				
Harduaganj-C TPS	7	105	GSEG	2	78	ENNORE TPS	UNIT 3	110	PATRATU TPS	10	110				
Chhabra TPS	5	660	GANDHINAGAR	1	120	ENNORE TPS	UNIT 4	110	KOLAGHAT	6	210				
Obra TPS	10	200	GANDHINAGAR	2	120	HINDUJA	UNIT 2	520	SAGARDIGHI	4	500				
Guru Nanak Dev TPS (Bhatinda)	1	110	UKAI	2	120	KOTHAGUDAM TPS	UNIT 3	60	VEDANTA	2	600				
Rajwest (IPP) LTPS	8	135	STPS	2	120	KOTHAGUDAM TPS	UNIT 6	120	MEJIA	5	250				
Harduaganj-D TPS	9	250	UKAI	1	120	KRISHNAPATTANAM	UNIT 1	800	SANTALDIH	5	210				
Anpara-D TPS	2	500	GPPC	1	351	LANCO ST3A	UNIT 1	233	GMR	3	350				
			DGBP	2	112	LANCO ST3A	UNIT 2	133	BAKRESHWAR	4	210				
			DGBP	3	375	METTUR TPS	UNIT 2	210	DSTPS	2	500				
			SLPP	1	125	METTUR TPS	UNIT 3	210	SAGARDIGHI	3	500				
			APL MUNDRA	1	330	NORTH CHENNAI TPS	UNIT 1	210							
			WANAKBORI	5	210	RAICHUR TPS	UNIT 7	210	BAKRESHWAR	3	210				
			GANDHINAGAR	3	210	RAYALASEEMA TPS	UNIT 2	210							
			BECL	2	250	SIMHAPURI	UNIT 2	150							
			APL MUNDRA	7	660	SIMHAPURI	UNIT 4	150							
			GANDHINAGAR	4	210	TUTUCORIN TPS	UNIT 1	210							
			UKAI	3	200	TUTUCORIN TPS	UNIT 2	210							
			APL MUNDRA	6	660	TUTUCORIN TPS	UNIT 3	210							
			GSEG	1	78	TUTUCORIN TPS	UNIT 5	210							
			WANAKBORI	2	210	VIJAYAWADA TPS	UNIT 2	210							
			AMARKANTAK	3	120	VIJAYAWADA TPS	UNIT 7	500							
			JP BINA	2	250	YERMERS TPS	UNIT 1	800							
			SATPURA III	9	210	YERMERS TPS	UNIT 2	800							
			SATPURA II	6	200										
			SATPURA II	7	210										
			AMARKANTAK	4	120										
			KHAPARKHEDA	3	210										
			BHUSAWAL	2	210										
			KORADI	7	210										
			KORADI-2(MSEDCL)	9	660										
			KHAPARKHEDA	1	210										
			CHANDRAPUR	5	500										
			KORADI	5	200										
			RATTAN INDIA POWER(A)	5	270										
			RATTAN INDIA POWER(A)	1	270										
			RATTAN INDIA POWER(A)	3	270										
			CHANDRAPUR	3	210										
			CHANDRAPUR	8	500										
			WPCL	3	135										
			URAN	8	108										
			APML TIRODA	2	660										
			BHUSAWAL	3	210										
						Total (SS) (Forced)		**6706**							
Total (SS) (Forced)		**2210**	**Total (SS) (Forced)**		**10862**	**Total (CS+SS) (Forced)**		**10556**	**Total (SS) (Forced)**		**4850**	**Total (SS) (Forced)**		**0**	**24628**
Total (CS+SS) (Forced)		**2865**	**Total (CS+SS) (Forced)**		**16889**				**Total (CS+SS) (Forced)**		**6550**	**Total (CS+SS) (Forced)**		**141**	**37000**

DATE OF REPORTING-21.10.2017

GENERATION OUTAGE REPORT FOR 20.10.2017

NORTHERN			WESTERN			SOUTHERN			EASTERN			NORTH-EASTERN			
1. PLANNED OUTAGES															
STATION /AGENCY	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**STATION /AGENCY**	**No.**	**Capacity (MW)**	**TOTAL CAPACITY (MW)**
3. OUTAGES ON LESS DEMAND															
CENTRAL SECTOR															
RAPS-A	1	100													
Badarpur TPS	2	100	JPL STG-II	4	600										
Badarpur TPS	3	100	JPL STG-II	3	600										
Badarpur TPS	1	100	GMR CHHATISGARH	1	685										
Bhakra-L HPS	5	108	JPL STG-I	1	250										
ISTPP (Jhajjar)	2	500	GMR CHHATISGARH	2	685										
Unchahar TPS	2	210	DGEN	52	400										
Badarpur TPS	5	210	DGEN	53	400										
Badarpur TPS	4	210	DGEN	51	400										
			SSP RBPH(HY)	6	200										
			SSP RBPH(HY)	5	200										
			SSP RBPH(HY)	4	200										
			SSP RBPH(HY)	3	200										
			SSP RBPH(HY)	1	200										
			SSP RBPH(HY)	2	200										
						Total (CS) (Less demand)		**0**							
Total (CS) (Less demand)		**1638**	**Total (CS) (Less demand)**		**5220**				**Total (CS) (Less demand)**		**0**	**Total (CS) (Less demand)**		**0**	**6858**
STATE SECTOR															
Obra TPS	7	100	GPEC	3	218	BELLARY TPS	UNIT 1	500	DPL	7	300				
Bawana GPS	2	220	AECO	D	120	BELLARY TPS	UNIT 3	700							
Paricha TPS	1	110	AECO	C	60	COSTEL ENERGEN	UNIT 2	600							
Guru Nanak Dev TPS (Bhatinda)	2	110	UNOSUGEN	1	382	JINDAL	UNIT 2	130							
Suratgarh TPS	3	250	STPS	1	120	JINDAL	UNIT 6	300							
Suratgarh TPS	6	250	GPPC	2	351	KOTHAGUDAM TPS	UNIT 11	500							
Guru Nanak Dev TPS (Bhatinda)	3	110	GPEC	2	218	LANCO ST3B	UNIT 1	233							
Kawai TPS	1	660	STPS	4	250	LANCO ST3B	UNIT 2	133							
Guru Nanak Dev TPS (Bhatinda)	4	110	WANAKBORI	7	210	METTUR ST3	UNIT 1	600							
Kota TPS	1	110	GPEC	1	218	RAICHUR TPS	UNIT 1	210							
Kota TPS	2	110	UTRAN STG II	1	375	SIMHAPURI	UNIT 1	150							
Suratgarh TPS	2	250	HAZIRA EXT	1	351	SIMHAPURI	UNIT 3	150							
Rajpura(NPL) TPS	2	700	UKAI	4	200										
RGTPP(Khedar)	2	600	WANAKBORI	1	210										
Jhajjar-CLP (IPP) TPS	2	660	WANAKBORI	4	210										
Bara PPGCL TPS	3	660	SUGEN	1	382										
Kalisindh TPS	2	600	STPS	3	250										
Bara PPGCL TPS	1	660	WANAKBORI	6	210										
Bara PPGCL TPS	2	660	NASIK	5	210										
Lalitpur TPS	2	660	PARLI	6	250										
			PIONEER(262+127)	1	388										
			PARLI	7	250										
			RATTAN INDIA POWER(A)	2	270										
			RATTAN INDIA POWER(A)	4	270										
			WPCL	1	135										
Total (SS) (Less demand)		**7590**	**Total (SS) (Less demand)**		**6108**	**Total (SS) (Less demand)**		**4206**	**Total (SS) (Less demand)**		**300**	**Total (SS) (Less demand)**		**0**	**18204**
Total (CS+SS) (demand)		**9228**	**Total (CS+SS) (demand)**		**11328**	**Total (CS+SS) (demand)**		**4206**	**Total (CS+SS) (demand)**		**300**	**Total (CS+SS) (demand)**		**0**	**25062**
Regional Total (Central sector)		**3396**			**15061**			**4560**			**1700**			**141**	**24858**
Regional Total (state sector)		**11950**			**19273**			**11432**			**7025**			**50**	**49730**
Regional Total -		**15346**			**34334**			**15992**			**8725**			**190**	**74587**
GRAND TOTAL -			**74588**												

DATE OF REPORTING-21.10.2017

LINE OUTAGE REPORT FOR 20.10.2017

	Name of Line	Voltage (kV)	Region	Ownership	Outage		Revival	REASON
					Date	Time	Date	
				IR Links				
1	TALANGADE(MS)-CHIKKODI-II	220	WR-SR	MSETCL	06.01.2017	00:01	STILL OUT	NO SCHEDULE BETWEEN MSEB AND KARNATAKA
2	KORBA(E)-BUDHIPADAR-III	220	WR-SR	PGCIL	28-09-2017	10:40	STILL OUT	TOWARDS DE-STRINGING AND DISMANTLING OF TOWER FROM LOC 29 TO LOC 40.
3	CHIKODI-MUTHSINGI S/C	220	WR-SR	MSETCL	28-09-2017	16:48	STILL OUT	NO SCHEDULE (IDLE CHARGED FROM MUTHSINGI SIDE)
4	CHAMPA - KURUKSHETRA POLE - I	800	WR-NR	PGCIL	15.10.2017	18:14	STILL OUT	converter differential protection operated@Kurukshetra
5	BALIMELA - U' SILERU	220	ER-SR	OPTCL/APSEB	27.04.2015	11:41	STILL OUT	LINE IDLE CHARGED FROM UPPER SILERU END AT 12:42 HRS OF 25.01.17
				NR				
1	MEERUT - MOGA	765	NR	PGCIL	19-10-17	14:38	STILL OUT	HIGH VOLTAGE
2	AGRA-FATEHPUR 2	765	NR	PGCIL	20-10-17	14:53	STILL OUT	HIGH VOLTAGE
3	AGRA(PG)-AURAIYA(NTPC) 2	400	NR	PGCIL	15-10-17	21:56	STILL OUT	HIGH VOLTAGE
4	HEERAPURA-MERTA	400	NR	RRVPNL	16-10-17	06:17	STILL OUT	HIGH VOLTAGE
5	AJMER II-DIDWANA	400	NR	RRVPNL	16-10-17	15:49	STILL OUT	HIGH VOLTAGE
6	AGRA-SIKAR 1	400	NR	PGCIL	16-10-17	17:13	STILL OUT	HIGH VOLTAGE
7	AMRITSAR(PG)-MAKHU(PSEB) -2	400	NR	PSEB	19-10-17	01:02	STILL OUT	HIGH VOLTAGE
8	FATEHPUR-MAINPURI 1	400	NR	PGCIL	19-10-17	03:46	STILL OUT	HIGH VOLTAGE
9	BALLABGARH-MAINPURI 1	400	NR	PGCIL	19-10-17	03:52	STILL OUT	HIGH VOLTAGE
10	BHIWADI - HISAR 3	400	NR	PGCIL	19-10-17	13:19	STILL OUT	HIGH VOLTAGE
11	BHIWADI-NEEMRANA 1	400	NR	PGCIL	19-10-17	13:39	STILL OUT	HIGH VOLTAGE
12	AKAL-BARMER 1	400	NR	RRVPNL	19-10-17	14:38	STILL OUT	HIGH VOLTAGE
13	MERTA-RATANGARH	400	NR	RRVPNL	19-10-17	19:44	STILL OUT	HIGH VOLTAGE
14	NEEMRANA-SIKAR 2	400	NR	PGCIL	19-10-17	21:39	STILL OUT	HIGH VOLTAGE
15	AGRA-BHIWADI 2	400	NR	PGCIL	19-10-17	21:48	STILL OUT	HIGH VOLTAGE
16	BIKANER-DIDWANA 1	400	NR	RRVPNL	20-10-17	14:57	STILL OUT	HIGH VOLTAGE
17	RATANGARH (RVPNL) - SIKAR (PG) - 1	400	NR	PGCIL	20-10-17	14:58	STILL OUT	HIGH VOLTAGE
18	JODHPUR II-MERTA 1	400	NR	RRVPNL	20-10-17	14:58	STILL OUT	HIGH VOLTAGE
19	BHADLA(RVPNL)-BIKANER(RVPNL) 1	400	NR	RRVPNL	20-10-17	16:46	STILL OUT	HIGH VOLTAGE
20	FATEHABAD-MOGA	400	NR	PGCIL	20-10-17	21:15	STILL OUT	HIGH VOLTAGE
21	CHAMERA POOL-JALANDHAR 1	400	NR	PGCIL	20-10-17	21:34	STILL OUT	HIGH VOLTAGE
22	CHAMERA I(NHPC)-JALANDHAR(PG) 2	400	NR	PGCIL	20-10-17	21:37	STILL OUT	HIGH VOLTAGE
23	KURUKSHETRA(PG)-NAKODAR(PSEB)	400	NR	PGCIL	20-10-17	21:37	STILL OUT	HIGH VOLTAGE
24	AMRITSAR(PG)-MALERKOTLA(PG) 1	400	NR	NRSS31B	20-10-17	23:18	STILL OUT	HIGH VOLTAGE
25	HAMIRPUR(PG)-JALANDHAR(PG) 1	400	NR	PGCIL	20-10-17	23:21	STILL OUT	HIGH VOLTAGE
26	DHURI(400KV) -RAJPURA (TH) -1	400	NR	PSEB	21-10-17	00:10	STILL OUT	HIGH VOLTAGE
27	KURUKSHETRA(PG)-MALERKOTLA(PG) 1	400	NR	NRSS31B	21-10-17	00:40	STILL OUT	HIGH VOLTAGE
28	KURUKSHETRA(PG)-SONIPAT 1	400	NR	PGCIL	21-10-17	01:21	STILL OUT	HIGH VOLTAGE
29	ABDULLAPUR-KARCHAMWANGTOO 2	400	NR	JPL	21-10-17	01:24	STILL OUT	HIGH VOLTAGE
30	BAREILLY II (PG) - KASHIPUR (UTT) - 1	400	NR	PGCIL	21-10-17	01:41	STILL OUT	HIGH VOLTAGE
31	NAKODAR - RAJPURA (TH) - 1	400	NR	PSEB	21-10-17	01:41	STILL OUT	HIGH VOLTAGE
				WR				
1	DHARAMJAYGARH(PG)-JABALPUR(PS)-I	765	WR	PGCIL	14-10-2017	11:53	STILL OUT	HIGH VOLTAGE
2	PUNE GIS(SHIKRAPUR)-SOLAPUR(PG)-I	765	WR	PGCIL	16-10-2017	21:38	STILL OUT	HIGH VOLTAGE
3	RAIPUR PS(DURG)-WARDHA(PG)-I	765	WR	PGCIL	17-10-2017	23:34	STILL OUT	HIGH VOLTAGE
4	AURANGABAD-WARDHA-I	765	WR	PGCIL	18-10-2017	22:13	STILL OUT	HIGH VOLTAGE
5	DURG-KOTRA-II	765	WR	PGCIL	18-10-2017	22:50	STILL OUT	HIGH VOLTAGE
6	AURANGABAD-WARDHA-III	765	WR	PGCIL	20-10-2017	17:45	STILL OUT	HIGH VOLTAGE
7	VADODARA(PG)-DHULE(BDTCL)-S/C	765	WR	Sterlite	20-10-2017	20:09	STILL OUT	HIGH VOLTAGE
8	SOLAPUR-KARAD (PORTION)-S/C	400	WR	RETL	27-05-2017	23:59	STILL OUT	HIGH VOLTAGE
9	BHACHAU(PG)-ESSAR VADINAR(GETCO)-I	400	WR	PGCIL	10.07.2017	20:00	STILL OUT	HIGH VOLTAGE
10	BHACHAU(PG)-ESSAR VADINAR(GETCO)-II	400	WR	PGCIL	10.08.2017	15:56	STILL OUT	HIGH VOLTAGE
11	KARAD-JAIGAD-I	400	WR	MSETCL	16-10-2017	18:39	STILL OUT	HIGH VOLTAGE
12	KARAD-KOLHAPUR-I	400	WR	MSETCL	17-10-2017	17:28	STILL OUT	HIGH VOLTAGE
13	SINGHAJI-JULWANIA S/C -I	400	WR	MPPTCL	18-10-2017	16:05	STILL OUT	HIGH VOLTAGE
14	DHULE-SARDAR SAROVAR-II	400	WR	MSETCL	18-10-2017	17:27	STILL OUT	HIGH VOLTAGE
15	KHANDWA-RAJGARH-II	400	WR	PGCIL	18-10-2017	18:08	STILL OUT	HIGH VOLTAGE
16	BHUSAWAL-AURANGABAD S/C	400	WR	MSETCL	18-10-2017	19:09	STILL OUT	HIGH VOLTAGE
17	SSP-RAJGARH-II	400	WR	MPPTCL	18-10-2017	19:14	STILL OUT	HIGH VOLTAGE
18	KOSAMBA-UKAI-I	400	WR	GETCO	18-10-2017	23:56	STILL OUT	HIGH VOLTAGE
19	RAJGARH(PG)-KASOR(GETCO)-II	400	WR	RETL	19-10-2017	02:49	STILL OUT	HIGH VOLTAGE
20	VAPI-KAKRAPAR-II	400	WR	PGCIL	19-10-2017	09:52	STILL OUT	HIGH VOLTAGE
21	KAKRAPAR NAVSARI 2-II	400	WR	PGCIL	19-10-2017	10:23	STILL OUT	HIGH VOLTAGE
22	LONIKHAND-KOYNA-IV-I	400	WR	MSETCL	19-10-2017	15:55	STILL OUT	HIGH VOLTAGE
23	AURANGABAD-BOISAR-II	400	WR	PGCIL	19-10-2017	16:34	STILL OUT	HIGH VOLTAGE
24	AURANGABAD-BOISAR-I	400	WR	PGCIL	19-10-2017	16:34	STILL OUT	HIGH VOLTAGE
25	NAVSARI-MAGARWADA-I	400	WR	PGCIL	19-10-2017	17:03	STILL OUT	HIGH VOLTAGE
26	KOSAMBA-CHORANIA -I	400	WR	GETCO	19-10-2017	21:38	STILL OUT	HIGH VOLTAGE
27	SUGEN-PIRANA-S/C	400	WR	GETCO	20-10-2017	00:14	STILL OUT	HIGH VOLTAGE
28	KANSARI-VADAVI-I	400	WR	PGCIL	20-10-2017	00:25	STILL OUT	HIGH VOLTAGE
29	BOISAR(PG)-MAGARWADA(PG)-I	400	WR	PGCIL	20-10-2017	03:07	STILL OUT	HIGH VOLTAGE
30	KOLHAPUR GIS(PG)-MAPUSA(PG)-I	400	WR	PGCIL	20-10-2017	19:34	STILL OUT	HIGH VOLTAGE
31	ASOJ-CHORANIA-I	400	WR	GETCO	20-10-2017	20:02	STILL OUT	HIGH VOLTAGE
32	SOJA-WANAKBORI-I	400	WR	GETCO	20-10-2017	21:36	STILL OUT	HIGH VOLTAGE
33	BHADRAWATI-CHANDRAPUR-II	400	WR	PGCIL	20-10-2017	22:00	STILL OUT	HIGH VOLTAGE
				ER				
				SR				
1	400 Kv CTR - TVLLM-1	400	SR	PGCIL	19.10.2017	02:05	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
2	400 KV GOOTY - TUMKUR - 2	400	SR	PGCIL	17.10.2017	23:10	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
3	400 kV GUTTUR - NARENDRA 1	400	SR	PGCIL	07.10.2017	17:43	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
4	400 Kv HOSUR - SALEM - 2	400	SR	PGCIL	19.10.2017	01:58	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
5	400 kV KAIGA - GUTTUR 2	400	SR	PGCIL	18.10.2017	00:41	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
6	400 Kv KOLAR - TVLLM	400	SR	PGCIL	18.10.2017	00:17	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
7	400 KV KUDGI PG - TUMKUR - 2	400	SR	PGCIL	03.10.2017	23:20	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
8	400 kV KV KOTA-SURYAPET-1	400	SR	PGCIL	17.09.2017	22:22	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
9	400 kV MAHABOOB NAGAR - RAICHUR	400	SR	PGCIL	30.09.2017	03:04	STILL OUT	TRIPPED ON OVER VOLTAGE
10	400 KV MAHABOOBNAGAR - URAVAKONDA - 1	400	SR	PGCIL	21.09.2017	16:15	STILL OUT	TRIPPED ON OVER VOLTAGE
11	400 KV MAHABOOBNAGAR - URAVAKONDA - 2	400	SR	PGCIL	04.07.2017	01:57	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
12	400 kV MYSORE - HASAN 1	400	SR	PGCIL	20.10.2017	00:22	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
13	400 kV NELAMANGALA - MYSORE 2	400	SR	PGCIL	17.10.2017	23:06	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
14	400 kV PUGALUR - kARAIKUDI-1	400	SR	PGCIL	10.10.2017	23:30	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
15	400 kV PUGALUR - kARAIKUDI-2	400	SR	PGCIL	18.10.2017	01:44	STILL OUT	TRIPPED ON OVER VOLTAGE
16	400 KV TUMKUR-BIDADI-1	400	SR	PGCIL	18.10.2017	23:37	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
17	400 kV UDUMALPET - ARASUR 2	400	SR	PGCIL	20.10.2017	20:45	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
18	765 KV KURNOOL - NPS 1	765	SR	PGCIL	17.10.2017	10:17	STILL OUT	TRIPPED ON OVER VOLTAGE
19	765 KV KURNOOL - THIRUVALLM 2	765	SR	PGCIL	16.10.2017	11:00	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
20	765 KV RAICHUR - KURNOOL - 2	765	SR	PGCIL	12.10.2017	21:57	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
21	400 kV BPS - TUMKUR - 2	400	SR		26.08.2017	19:54	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
22	400 KV JAMMALAMADUGU - KURNOOL - 2	400	SR		02.10.2017	01:35	STILL OUT	TRIPPED ON OVER VOLTAGE
23	400 kV SURYAPET - SHANKARPALLY 1	400	SR		15.10.2017	23:02	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
24	400 KV URAVAKONDA - JAMMALAMADUGU - 2	400	SR		22.09.2017	00:24	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
25	400 kV VEMAGIRI - GOUTHAMI CCCP 1	400	SR		17.10.2017	12:43	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
26	400 kV VEMAGIRI - GVK (JPD) 2	400	SR		23.09.2017	12:26	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
27	400 Kv VTPS - MALKARAM 1	400	SR		09.10.2017	01:07	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
28	400kV SURYAPET -MALKARAM	400	SR		15.10.2017	22:52	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
29	400 Kv VTPS - MALKARAM 1	400	SR		09.10.2017	01:07	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
30	400kV SURYAPET -MALKARAM	400	SR		15.10.2017	22:52	STILL OUT	H/T TO CONTAIN OVER VOLTAGE
				NER				
1	BALIPARA - BONGAIGAON III	400	NER	POWERGRID	20.10.2017	11:21	STILL OUT	HIGH VOLTAGE
2	RANGANADI - BISWANATH CHARIALI II	400	NER	POWERGRID	20.10.2017	23:08	STILL OUT	HIGH VOLTAGE
				LINES UNDER B/D				
	CENTRAL SECTOR							
1	PKBARI - SILCHAR II	132	NER	PGCIL	02.04.2017	06:07	STILL OUT	TOWER COLLAPSED IN 6 NOS OF LOCATION
2	PKBARI - SILCHAR I	132	NER	PGCIL	10.07.2017	13:40	STILL OUT	H/T TO AVOID ELECTROCUTION FROM FALLING OF ERS SYSTEM AS ENTIRE AREA IS FLOODED
3	ATHENA-KOTRA(PS)-I	400	WR	PGCIL	30-04-2016	22:02	STILL OUT	Y-PH df/dt relay operatec at Athena; provision of df/dt relay at Athena and settings are being checked by
4	ATHENA-KOTRA(PS)-II	400	WR	PGCIL	05.01.2016	11:46	STILL OUT	FOR TESTING AND CHECKING WORKS/ Kept out after FTC
5	CGPL-CHORANIA-I	400	WR	PGCIL	19-10-2017	09:00	STILL OUT	for LILO work at CGPL
6	VAPI-KALA-I	400	WR	PGCIL	19-10-2017	10:50	STILL OUT	Voltage Regulation
7	400 kV HASSAN - NEELAMANGALA 1	400	SR	PGCIL	24.09.2017	15:29	STILL OUT	TOWER ARM TWISTED
8	400 kV KV KOTA-SURYAPET-2	400	SR	PGCIL	10.10.2017	12:28	STILL OUT	DISTANCE PROTECTION
9	400 Kv NPS - TPCIL 2	400	SR	PGCIL	11.10.2017	18:27	STILL OUT	SF6 GAS LEAKAGE
10	765 KV NIZAMABAD - MAHESHWARAM - 2	765	SR	PGCIL	18.10.2017	13:06	STILL OUT	DT RECEIVED AT NIZAMABAD END
11	BASSI-PHAGI CKT-2	400	NR	PGCIL	14.10.2017	19:17	STILL OUT	to control loading at ICT-IIat Phagi
	STATE SECTOR							
1	BAWANA-MUNDKA 1	400	NR	DTL	14.05.2017	09:03	STILL OUT	Fire below 400kV tower no. 116, in the line
2	BAWANA-MUNDKA 2	400	NR	DTL	14.05.2017	09:50	STILL OUT	Manually Opened due to Fire below 400kV tower no. 116, in the line leading to Insulator damage and Tower
3	DHANONDA-JHAJJAR CLP-1	400	NR	HVPNL	14.06.2017	15:00	STILL OUT	Tower No. 12 to 17 collapsed.
4	DHANONDA-JHAJJAR CLP-2	400	NR	HVPNL	14.06.2017	15:00	STILL OUT	Tower No. 12 to 17 collapsed

5	ALIGARH(UP)-MAINPURI 765(UP) 2	400	NR	UPPTCL	08.10.2017	01:10	STILL OUT	Due to problem in CVT at Aligarh
6	400 KV RAITA-JAGDALPUR 2-II	400	WR	CSPTCL	09.11.2017	15:10	STILL OUT	FOR PENDING COMMISSIONING WORKS AT JAGDALPUR
7	KOSAMBA-CHORANIA -II	400	WR	GETCO	20-10-2017	01:25	STILL OUT	TRIPPED ON OVER VOLTAGE
8	VSTPS(IV)-VSTPS(V)-II	400	WR	NTPC	20-10-2017	21:13	STILL OUT	TO REDUCE FAULT LEVEL@VSTSPS
9	MOTIHARI-BARH-I & II	400	ER	DMTCL	14.08.2017	17:13/17:11	STILL OUT	24 NO OF TOWERS IN GANDAK RIVER WHERE WATER LEVEL IS HIGH
10	DULLAVCHERRA- HAILAKANDI	132	NER	AEGCL	02.04.2017	06:06	STILL OUT	TOWER COLLAPSE IN DULLAVCHERRA- HAILAKANDI SECTION LOC NO 134 IN SERVICE UPTO
11	400 kV BPS - TUMKUR - 1	400	SR	APTRANCO	26.08.2017	17:19	STILL OUT	TRIPPED ON R-G FAULT
					LINES UNDER S/D			
	CENTRAL SECTOR							
1	765KV BINA(PG)-NHPTL(BINA)-S/C	765	WR	PGCIL	13-09-2017	16:45	STILL OUT	LINE OPENED AFTER CLOSURE OF TESTING WINDOW.
2	RAIPUR PS(DURG)-WARDHA(PG)-IV	765	WR	PGCIL	10.10.2017	14:44	STILL OUT	OPENED AFTER COMPLETION OF TESTING
3	400KV BINA(PG)-NHPTL(BINA)-S/C	400	WR	PGCIL	09.12.2017	17:27	STILL OUT	FOR FAULT LEVEL CONTROL AT S/S
	STATE SECTOR							
1	400 KV KAYATHAR - KAMUDHI - 1	400	SR	APTRANSCO	05.09.2017	09:33	STILL OUT	MONTHLY MAINTENANCE
2	KHAMMAM - ASPUKA	400	SR		14.10.2017	16:05	STILL OUT	A/R CHECKING WORK
3	CGPL-MANSAR-I	400	WR	GETCO	19-10-2017	09:40	STILL OUT	for LILO work at CGPL
4	AKAL-JODHPUR II	400	NR	RRVPNL	25.09.2017	13:11	STILL OUT	--- As per DGA Test Result of 50 MVAR reactor Sr. No. T09528/03 installed at 400 kV GSS RRVPNL Akal
	SYSTEM CONSTRAINTS							
	CENTRAL SECTOR							
	STATE SECTOR							
1	JIRIBAM- PAILAPOOL	132	NER	AEGCL & MePTCL	24.08.2017	19:05	STILL OUT	SYSTEM REQUIREMENT

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

उत्तर क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 20.10.2017
Date of Reporting : 21.10.2017

I. Regional Availability/Demand:

Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
41936	714	42650	49.99	38191	244	38435	49.99	912.79	9.18

* Half hourly (two 15 minutes block--one block each before and after the designated time) average frequency

II. A. State's Load Details (At States periphery) in MUs:

UI [OD:(+ve), UD: (-ve)]

State	State's Control Area Generation (Net MU)							Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages * (MU)
	Thermal	Hydro	Gas/Naptha/ Diesal	Solar	Wind	Other (Biomass/ Small hydro/ Co-Generation etc.)	Total					
Punjab	59.51	12.44	0.00	0.07	0.00	0.13	72.14	50.07	50.57	0.50	122.71	0.00
Haryana	29.78	0.63	3.73	0.00	0.00	0.00	34.14	81.21	82.94	1.73	117.08	0.00
Rajasthan	98.75	3.68	6.80	0.00	2.87	4.73	116.84	59.05	59.51	0.47	176.35	0.00
Delhi	-0.13	0.00	13.79	0.00	0.00	0.00	13.67	60.89	59.52	-1.37	73.19	0.04
UP	170.59	15.23	0.00	0.00	0.00	1.20	187.02	151.94	152.44	0.50	339.46	0.00
Uttarakhand	0.00	14.51	2.18	0.72	0.00	0.00	17.41	10.35	9.41	-0.94	26.82	0.00
HP	0.00	7.48	0.00	0.00	0.00	3.37	10.85	4.47	4.41	-0.06	15.26	0.00
J & K	0.00	7.58	0.00	0.00	0.00	0.00	7.58	33.46	31.11	-2.35	38.69	9.14
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	3.24	-0.74	3.24	0.00
Total	**358.51**	**61.55**	**26.50**	**0.78**	**2.87**	**9.43**	**459.64**	**455.41**	**453.15**	**-2.27**	**912.79**	9.18

* Shortage furnished by the respective constituent.$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)]

State	Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Maximum Demand Met (MW) and Time(Hrs)		Shortage (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction			
Punjab	5778	0	47	-887	4610	0	103	-329	5778	19	0
Haryana	5808	0	60	36	5097	0	6	33	5808	19	0
Rajasthan	7115	0	182	-87	7541	0	14	-52	8887	7	0
Delhi	3144	0	-243	-293	3178	0	61	-244	3468	1	0
UP	15543	240	-340	945	14886	0	-130	1239	16024	21	0
Uttarakhand	1553	0	100	-311	931	0	-153	6	1553	19	0
HP	930	0	11	-1118	454	0	-102	-205	930	19	0
J&K	1897	474	-53	203	1384	244	-171	426	1897	19	474
Chandigarh	167	0	-59	-100	109	0	-29	0	189	24	0
Total	**41936**	**714**	**-295**	**-1610**	**38191**	**244**	**-402**	**874**	**41980**	**20**	**472**

* STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.06

III. Regional Entities :

UI [OG:(+ve), UG: (-ve)]

	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW	Schedule Net MU	UI Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1735	1793	1885	39.87	1661	39.26	0.61
	Rihand I STPS (2*500)	1000	923	1006	1002	21.67	903	21.66	0.01
	Rihand II STPS (2*500)	1000	943	1020	1000	22.42	934	22.09	0.34
	Rihand III STPS (2*500)	1000	943	1016	1002	22.03	918	21.58	0.44
	Dadri I STPS (4*210)	840	453	452	456	10.08	420	10.10	-0.02
	Dadri II STPS (2*490)	980	555	565	531	12.27	511	12.37	-0.10
	Unchahar I TPS (2*210)	420	131	166	0	2.23	93	2.37	-0.13
	Unchahar II TPS (2*210)	420	309	258	266	5.53	231	5.80	-0.27
	Unchahar III TPS (1*210)	210	192	159	182	2.98	124	3.13	-0.14
	Unchahar IV TPS(1*500)	500	466	382	306	8.21	342	8.03	0.17
	ISTPP (Jhajjhar) (3*500)	1500	948	706	958	15.23	635	15.52	-0.29
	Dadri GPS (4*130.19+2*154.51)	830	802	117	132	2.98	124	2.98	0.00
	Anta GPS (3*88.71+1*153.2)	419	396	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	486	0	0	0.00	0	0.00	0.00
	Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar(10)	10	2	0	0	0.04	2	0.05	-0.01
	Singrauli Solar(15)	15	2	0	0	0.04	2	0.06	-0.01
	KHEP(4*200)	800	792	868	0	5.41	225	5.00	0.41
	Sub Total (A)	**12612**	**10077**	**8508**	**7720**	**171**	**7125**	**170**	**1.00**
B. NPC	NAPS (2*220)	440	397	426	441	9.40	392	9.52	-0.12
	RAPS- B (2*220)	440	436	431	440	9.35	389	9.92	-0.57
	RAPS- C (2*220)	440	415	452	449	9.76	406	9.96	-0.20
	Sub Total (B)	**1320**	**1248**	**1309**	**1330**	**28.50**	**1187**	**29.40**	**-0.90**
C. NHPC	Chamera I HPS (3*180)	540	534	545	0	2.79	116	2.60	0.19
	Chamera II HPS (3*100)	300	300	298	0	2.53	105	2.40	0.13
	Chamera III HPS (3*77)	231	70	233	0	1.72	72	1.67	0.06
	Bairasuil HPS(3*60)	180	174	123	0	0.78	32	0.67	0.11
	Salal-HPS (6*115)	690	180	136	230	4.85	202	4.33	0.53
	Tanakpur-HPS (3*31.4)	94	61	61	61	1.53	64	1.46	0.06
	Uri-I HPS (4*120)	480	68	111	37	1.89	79	1.64	0.26
	Uri-II HPS (4*60)	240	49	160	37	1.21	50	1.18	0.03
	Dhauliganga-HPS (4*70)	280	121	286	143	2.96	123	2.91	0.06
	Dulhasti-HPS (3*130)	390	387	395	0	7.28	303	7.00	0.28
	Sewa-II HPS (3*40)	120	119	123	0	0.33	14	0.36	-0.03
	Parbati 3 (4*130)	520	53	393	0	1.19	49	1.15	0.04
	Sub Total (C)	**4065**	**2116**	**2865**	**508**	**29**	**1210**	**27**	**1.69**
D.SJVNL	NJPC (6*250)	1500	1387	1495	249	12.84	535	12.92	-0.09
	Rampur HEP (6*68.67)	412	391	419	75	3.66	152	3.60	0.06
	Sub Total (D)	**1912**	**1778**	**1914**	**324**	**16.49**	**687**	**16.52**	**-0.03**
E. THDC	Tehri HPS (4*250)	1000	988	1011	0	6.84	285	6.70	0.14
	Koteshwar HPS (4*100)	400	91	101	93	2.24	93	2.19	0.05
	Sub Total (E)	**1400**	**1079**	**1112**	**93**	**9.08**	**378**	**8.89**	**0.20**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	517	1055	386	12.51	521	12.40	0.11
	Dehar HPS (6*165)	990	256	660	165	6.36	265	6.15	0.22
	Pong HPS (6*66)	396	186	330	66	4.45	186	4.45	0.00
	Sub Total (F)	**2765**	**958**	**2045**	**617**	**23.33**	**972**	**23.00**	**0.33**
G. IPP(s)/JV(s)	Allain DuhanganHPS(IPP) (2*96)	192	0	169	52	1.04	44	0.98	0.06
	Karcham Wangtoo HPS(IPP) (4*250)	1000	0	1000	320	7.06	294	8.33	-1.27
	Malana Stg-II HPS (2*50)	100	0	15	25	0.74	31	0.68	0.06
	Shree Cement TPS (2*150)	300	0	146	147	2.87	119	2.84	0.03
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.50	21	0.61	-0.11
	Sainj HPS (IPP) (2*50)	100	0					0.92	
	Sub Total (G)	**1762**	**0**	**1366**	**544**	**12.21**	**509**	**13.45**	**-1.23**
H. Total Regional Entities (A-G)		**25837**	**17256**	**19119**	**11136**	**289.66**	**12069**	**288.60**	**1.06**

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sentout MW)

Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	210	160	3.53	147
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	0.02	1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	194	3.34	139
	Goindwal(GVK) (2*270)	540	425	290	8.40	350
	Rajpura (2*700)	1400	660	660	15.75	656
	Talwandi Saboo (3*660)	1980	1250	924	28.48	1187
	Thermal (Total)	**6560**	**2545**	**2228**	59.51	**2480**
	Total Hydro	1000	530	525	12.44	518
	Wind Power	0	0	0	0.00	0
	Biomass	303	0	0	0.13	5
	Solar	859	0	0	0.07	3
	Renewable(Total)	**1162**	**0**	**0**	**0.19**	**8**
	Total Punjab	**8722**	**3075**	**2753**	**72.14**	**3006**
Haryana	Panipat TPS (2*210+2*250)	920	197	369	7.47	311
	DCRTPP (Yamuna nagar) (2*300)	600	462	471	10.90	454
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	157	156	3.73	155
	RGTPP (khedar) (IPP) (2*600)	1200	0	0	0.00	0
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	564	592	11.42	476
	Thermal (Total)	**4497**	**1380**	**1588**	**33.51**	**1396**
	Total Hydro	62	21	24	0.63	26
	Wind Power	0	0	0	0.00	0
	Biomass	106	0	0	0.00	0
	Solar	50	0	0	0.00	0
	Renewable(Total)	**156**	**0**	**0**	**0.00**	**0**
	Total Haryana	**4715**	**1401**	**1612**	**34.14**	**1423**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	738	740	18.22	759
	suratgarh TPS (6*250)	1500	366	366	8.83	368
	Chabra TPS (4*250)	1000	1254	1257	30.76	1282
	Chabra TPS (1*660)	660	0	0	0.00	0
	Dholpur GPS (3*110)	330	101	101	2.52	105
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	165	185	4.28	178
	RAPS A (NPC) (1*100+1*200)	300	170	190	4.17	174
	Barsingsar (NLC) (2*125)	250	182	221	3.69	154
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	438	769	14.72	613
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	414	414	10.69	445
	Kawai(Adani) (2*660)	1320	443	609	11.85	494
	Thermal (Total)	**9536**	**4271**	**4852**	**109.72**	**4572**
	Total Hydro	550	166	129	3.68	153
	Wind power	4292	71	49	2.87	120
	Biomass	102	24	24	0.56	24
	Solar	1995	0	0	0.00	0
	Renewable/Others (Total)	6389	95	73	3.44	143
	Total Rajasthan	**16475**	**4532**	**5054**	**116.84**	**4868**
UP	Anpara TPS (3*210+2*500)	1630	1162	1160	29.12	1214
	Obra TPS (2*50+2*94+5*200)	1194	455	456	10.90	454
	Paricha TPS (2*110+2*220+2*250)	1160	885	703	18.60	775
	Panki TPS (2*105)	210	126	131	3.10	129
	Harduaganj TPS (1*60+1*105+2*250)	665	547	542	12.60	525
	Tanda TPS (NTPC) (4*110)	440	358	390	8.73	364
	Roza TPS (IPP) (4*300)	1200	1074	930	22.77	949
	Anpara-C (IPP) (2*600)	1200	1059	1110	25.19	1050
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(2*500)	1000	452	454	10.74	447
	Lalitpur TPS(3*660)	1980	1242	1242	28.84	1202
	Bara(2*660)	1320	0	0	0.00	0
	Thermal (Total)	**12449**	**7360**	**7118**	**170.59**	**7108**
	Vishnuparyag HPS (IPP)(4*110)	440	256	256	5.95	248
	Alaknanada(4*82.5)	330	163	152	3.69	154
	Other Hydro	527	340	338	5.59	233
	Cogeneration	981	50	50	1.20	50
	Wind Power	0	0	0	0.00	0
	Biomass	26	0	0	0.00	0
	Solar	102	0	0	0.00	0
	Renewable(Total)	**128**	**0**	**0**	**0.00**	**0**
	Total UP	**14855**	**8169**	**7914**	**187.02**	**7792**
Uttarakhand	Other Hydro	1250	799	558	14.51	605
	Total Gas	450	89	95	2.18	91
	Wind Power	0	0	0	0.00	0
	Biomass	127	0	0	0.00	0
	Solar	100	0	0	0.72	30
	Small Hydro (< 25 MW)	180	0	0	0.00	0
	Renewable(Total)	407	0	0	0.72	30
	Total Uttarakhand	**2107**	**888**	**653**	**17.41**	**725**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	36	34	0.85	35
	Pragati Gas Turbine (2x104+ 1x122)	330	263	261	6.39	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	271	273	6.56	273
	Badarpur TPS (NTPC) (3*95+2*210)	705	0	0	-0.13	-6
	Thermal (Total)	**2917**	**570**	**568**	**13.67**	**570**
	Wind Power	0	0	0	0.00	0
	Biomass	16	0	0	0.00	0
	Solar	2	0	0	0.00	0
	Renewable(Total)	**18**	**0**	**0**	**0.00**	**0**
	Total Delhi	**2935**	**570**	**568**	**13.67**	**570**
HP	Baspa HPS (IPP) (3*100)	300	125	63	2.47	103
	Malana HPS (IPP) (2*43)	86	81	0	0.63	26
	Other Hydro (>25MW)	372	241	173	4.38	183
	Wind Power	0	0	0	0.00	0
	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)	486	148	132	3.37	140
	Renewable(Total)	**486**	**148**	**132**	**3.37**	**140**
	Total HP	**1244**	**595**	**368**	**10.85**	**452**
J & K	Baglihar HPS (IPP) (3*150+3*150)	900	255	255	6.12	255
	Other Hydro/IPP(including 98 MW Small Hydro)	308	101	42	1.46	61
	Gas/Diesel/Others	190	0	0	0.00	0
	Wind Power	0	0	0	0.00	0

	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)Included in Other Hydro Above	98	0	0	0.00	0
	Renewable(Total)	**98**	**0**	**0**	**0.00**	**0**
	Total J & K	**1398**	**356**	**297**	**8**	**316**
Total State Control Area Generation		**52451**	**19586**	**19219**	**459.64**	**19152**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5477**	**8445.08**	**185.78**	**7741**
Total Regional Availability(Gross)		**78288**	**44183**	**38800**	**935.08**	**38962**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**9989**	**1939**	**92.71**	**3842**
State Control Area Hydro	**7468**	**3315**	**2742**	**61.55**	**2826**
Total Regional Hydro	**19702**	**13304**	**4681**	**154.26**	**6667**

V. Total Renewable Generation:

Regional Entities Renewable	**30**	**0**	**0**	**0.10**	**4**
State Control Area Renewable	**8844**	**243**	**205**	**7.71**	**321**
Total Regional Renewable	**8874**	**243**	**205**	**7.81**	**325**

VI(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	-200	-250	0	400	0.00	6.63	-6.63
765 KV Gwalior-Agra (D/C)	1511	2304	2420	0	43.12	0.00	43.12
400 KV Zerda-Kankroli	-168	-138	0	218	0.00	3.55	-3.55
400 KV Zerda-Bhinmal	-20	-34	51	197	0.00	1.56	-1.56
220 KV Auraiya-Malanpur	-65	-36	0	76	0.00	1.14	-1.14
220 KV Badod-Kota/Morak	-85	-77	0	21	0.00	2.07	-2.07
Mundra-Mohindergarh(HVDC Bipole)	1402	2003	2006	0	44.16	0.00	44.16
400 KV RAPPC-Sujalpur	147	201	251	0	3.20	0.00	3.20
400 KV Vindhyachal-Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	387	877	1009	0	17.62	0.00	17.62
+/- 800 kV HVDC Champa-Kurushetra	1000	1500	1500	0	28.53	0	28.53
Sub Total WR	**3909**	**6350**			**136.63**	**14.96**	**121.67**
400 kV Sasaram - Varanasi	115	93	115	0	2.26	0.00	2.26
400 kV Sasaram - Allahabad	-24	0	10	24	0.00	0.07	-0.07
400 KV MZP- GKP (D/C)	-308	-476	-569	0	11.10	0.00	11.10
400 KV Patna-Balia(D/C) X 2	592	822	934	0	16.66	0.00	16.66
400 KV B'Sharif-Balia (D/C)	109	171	219	0	3.53	0.00	3.53
765 KV Gaya-Balia	189	212	310	0	4.91	0.00	4.91
765 KV Gaya-Varanasi (D/C)	42	256	23	340	4.22	0.00	4.22
220 KV Pusauli-Sahupuri	174	152	174	0	3.28	0.00	3.28
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	0	0	0	0	0.00	0.42	-0.42
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-191	-172	1	215	0.00	2.43	-2.43
400 KV Barh -GKP (D/C)	-236	-210	0	244	0.00	4.06	-4.06
400 kV B'Sharif - Varanasi (D/C)	106	47	135	46	0.49	0.00	0.49
+/- 800 KV HVDC Alipurduar-Agra	300	500	500	0	12.08	0.00	12.08
Sub Total ER	**868**	**1395**			**59.01**	**6.97**	**52.04**
+/- 800 KV HVDC BiswanathCharialli-Agra	700	700	700	0.00	12.08	0.00	12.08
Sub Total NER	**700**	**700**			**12.08**	**0.00**	**12.08**
Total IR Exch	**5477**	**8445**			**207.71**	**21.93**	**185.78**

VI(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ISGS/LT Schedule (MU)			Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
42.92	1.77	44.69	-3.52	-6.60	-4.82	1.89	0.00	0.00

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Inclds Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER (including NER)	Through WR	Total
36.34	152.13	188.48	64.11	121.67	185.78	27.77	-30.46	-2.70

VI(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-23	0	0	-24	0	0	-0.12

VII. Frequency Profile <---------- % of Time Frequency ---------->

<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.00	0.57	6.04	58.56	82.05	11.64	0.80	0.00	0.00

<---------- Frequency (Hz) ---------->				Average	Frequency	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum		Frequency	Variation		MAX	MIN	
Freq	Time	Freq	Time	Hz	Index		(Hz)	(Hz)	
50.14	14.01	49.70	19.36	49.99	0.033	0.055	50.09	49.81	17.95

VIII(A). Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	407	16:14	402	9:22	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	416	13:47	392	18:10	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	418	6:46	396	19:34	0.0	0.0	0.0	0.0	0.0
Kanpur	400	418	6:29	405	19:31	0.0	0.0	0.0	0.0	0.0
Dadri	400	418	6:46	406	18:08	0.0	0.0	0.0	0.0	0.0
Ballabhgarh	400	419	6:31	407	18:11	0.0	0.0	0.0	0.0	0.0
Bawana	400	420	6:47	406	18:07	0.0	0.0	0.0	0.0	0.0
Bassi	400	423	16:01	403	5:42	0.0	0.0	12.9	0.0	12.9
Hissar	400	418	21:25	403	18:09	0.0	0.0	0.0	0.0	0.0
Moga	400	420	3:57	404	18:09	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	422	21:26	404	18:10	0.0	0.0	3.3	0.0	3.3
Nalagarh	400	429	3:58	412	18:10	0.0	0.0	76.4	0.0	76.4
Kishenpur	400	428	3:58	399	18:13	0.0	0.0	19.8	0.0	19.8
Wagoora	400	416	3:57	370	19:08	9.4	50.6	0.0	0.0	9.4
Amritsar	400	430	3:58	411	18:08	0.0	0.0	61.1	0.0	61.1
Kashipur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	425	1:44	407	18:09	0.0	0.0	28.8	0.0	28.8

Rishikesh	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0

VIII(B). Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	780	6:30	749	19:34	0.0	0.0	0.0	0.0	0.0
Balia	765	772	0:00	772	0:00	0.0	0.0	0.0	0.0	0.0
Moga	765	794	3:57	769	18:10	0.0	0.0	0.0	0.0	0.0
Agra	765	794	14:13	766	19:33	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	799	6:50	780	18:10	0.0	0.0	0.0	0.0	0.0
Unnao	765	772	6:30	742	19:35	0.0	0.0	0.0	0.0	0.0
Lucknow	765	791	6:29	754	19:36	0.0	0.0	0.0	0.0	0.0
Meerut	765	805	6:46	769	18:09	0.0	0.0	4.7	0.0	4.7
Jhatikara	765	801	14:32	776	19:34	0.0	0.0	0.2	0.0	0.2
Bareilly 765 kV	765	796	6:29	758	19:34	0.0	0.0	0.0	0.0	0.0
Anta	765	790	14:03	775	5:06	0.0	0.0	0.0	0.0	0.0
Phagi	765	797	14:01	778	5:24	0.0	0.0	0.0	0.0	0.0

Note : "0" in Max / Min Col -> Telemetry Outage

IX. Reservior Parameters:

Name of Reservior	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	nflow (m^3/s	Usage (m^3/s)
Bhakra	513.59	445.62	507.45	1426.07	500.27	1101.35	305.54	349.63
Pong	426.72	384.05	418.37	821.34	415.44	693.24	67.45	263.32
Tehri	829.79	740.04	824.35	1094.20	824.10	1088.91	93.68	149.00
Koteshwar	612.50	598.50	609.94	4.53	611.40	5.20	149.00	148.29
Chamera-I	760.00	748.75	754.52	0.00	0.00	0.00	84.04	75.25
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	0.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	298.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	515.43	5.94	515.31	3.20	70.99	252.51

*** NA: Not Available**

X(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU	IEX / PXIL (MU)	Total (MU)
Punjab	-329	0	0	-431	-456	0	-8.51	-2.73	-11.24
Delhi	-94	-149	0	-155	-138	0	-3.51	-1.49	-5.00
Haryana	28	5	0	28	8	0	-0.96	0.04	-0.92
HP	-19	-186	0	-19	-1098	0	1.07	-11.31	-10.24
J&K	159	266	0	159	44	0	3.83	5.48	9.31
CHD	0	0	0	0	-100	0	0.00	-0.34	-0.34
Rajasthan	-102	50	0	-102	15	0	-1.33	1.03	-0.30
UP	34	1205	0	34	911	0	0.76	14.39	15.16
Uttarakhand	6	0	0	6	-317	0	0.66	-1.85	-1.19
Total	**-317**	**1191**	**0**	**-479**	**-1131**	**0**	**-7.99**	**3.22**	**-4.77**

X(B). Short-Term Open Access Details:

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-329	-431	4	-456	0	0
Delhi	-94	-195	31	-269	0	0
Haryana	28	-256	16	-478	0	0
HP	109	-19	-60	-1158	0	0
J&K	159	159	395	-117	0	0
CHD	0	0	15	-100	0	0
Rajasthan	83	-102	58	15	0	0
UP	34	24	1597	-68	0	0
Uttarakhand	65	6	79	-373	0	0

XI. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter - regional corridors

WR	**0.00%**
ER	**0.00%**
Simultaneous	**0.00%**

(ii)%age of times ATC violated on the inter-regional corridors

WR	**0.00%**
ER	**0.00%**
Simultaneous	**0.00%**

(iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand - Dadri	**0.00%**

XII. Zero Crossing Violations

State	No. of violations(Maximum 8 in a day)	Maximum number of continuous blocks without sign change
Punjab	2	19
Haryana	2	20
Rajasthan	2	17
Delhi	5	64
UP	0	10
Uttarakhand	3	36
HP	1	16
J & K	2	15
Chandigarh	4	39

XIII.System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 20.10.2017 :

XVI. Synchronisation of new generating units :

XVII. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

XVIII. Tripping of lines in pooling stations :

XIX. Complete generation loss in a generating station :

Note: Data(regarding drawal,generation, shortage , inter-regional flows and reservoir levels)of the constituents filled in the report are as per last furnished data by the respective state/constituent to NRLDC.

Report for : 20.10.2017

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER

पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड/ Power System Operation Corporation Limited

21102017

पश्चिम क्षेत्रीय भार प्रेषण केंद्र, मुंबई/ Western Regional Load Despatch Centre,Mumbai

रिपोर्ट तिथि / Date of Reporting 21-10-2017

पश्चिम क्षेत्रीय ग्रिड की दैनिक ऊर्जा उपलब्धता रिपोर्ट / Power Supply Position in Western Region for 20-10-2017

1. पश्चिम क्षेत्र में ऊर्जा उपलब्धता एवं मांग [Regional Availability / Requirement of Western Region]

सायं 19:00 बजे/ 19:00 hrs			रात्री 03:00 बजे /03:00 hrs			दैनिक ऊर्जा / Day Energy		अंतर-क्षेत्रीय आयात-निर्यात /Inter-regional Exchange		
उपलब्धता / Demand Met (MW)	अभाव / Shortage (MW)	मांग/ Requirement (MW)	उपलब्धता / Demand Met (MW)	अभाव / Shortage (MW)	मांग/ Requirement (MW)	उपलब्धता/ Demand Met (MU)	अभाव/ Shortage (MU)	शैड्यूल/ Schedule (MU)	वास्तविक/ Actual (MU)	विचलन/ Deviation (MU)
36775	29	36804	34777	0	34777	876	0.0	-196.7	-192.2	4.5

2. फ्रिक्वेन्सी रूपरेखा / Frequency Profile

तात्कालिक/ Instantaneous			फ्रिक्वेन्सी प्रकारांतर सूचकांक / Frequency Variation Index	प्रतिशत समय फ्रिक्वेन्सी / % of time frequency						
अधिकतम / Maximum (Hz) / Time	न्यूनतम/ Minimum (Hz) /Time	औसत/ Average (Hz)		f < 49.2 Hz	f < 49.7 Hz	f < 49.9 Hz	f < 50.0 Hz	49.9 < f < 50.05	f > 50.05 Hz	f ≥ 50.1 Hz
50.14	49.70	49.99	0.033	0.00	0.00	6.04	58.56	82.05	11.91	0.80
14:01	19:36									

Percentage of Time Frequency Remained outside IEGC Band	18.0%	Percentage
Nos of hours frequency remained outside IEGC Band	4.3	Hours

3. राज्य अथवा क्षेत्र में ऊर्जा उत्पादन, ग्रिड से आयात एवं अभाव / Generation, Drawal and Shortage in State or Control Area

राज्य / क्षेत्र State/Area	शुद्ध उत्पादन/ Net Generation (MU)					ग्रिड से शुद्ध आयात/ Net Drawal from Grid (MU)			खपत/ Consumption (in MU)	अभाव/ Shortage* (in MU)	RE Penetration (%)
	तापीय/ Thermal	जलीय/ Hydro	पवन/ Wind	सौर्य-अन्य / Solar-Others	कुल/ Total	शैड्यूल/ Schedule	वास्तविक/ Actual	अल्पावधि अभिगम / (Deviation)			
गुजरात / Gujarat	137.1	0.2	21.1	6.4	164.8	60.2	60.6	0.4	225.4	0.0	12.2
मध्य प्रदेश/ Madhya Pradesh	47.4	6.2	4.1	5.2	62.9	140.5	143.5	3.0	206.4	0.0	4.5
छत्तीसगढ़/ Chattisgarh	60.0	1.2	0.0	0.2	61.4	13.2	11.2	-2.1	72.6	0.0	0.3
महाराष्ट्र/ Maharashtra	224.2	2.3	4.0	3.0	233.6	103.3	104.5	1.1	338.0	0.0	2.1
गोवा/ Goa	0.0	0.0	0.0	0.0	0.0	8.8	9.2	0.4	9.2	0.0	0.0
दमन-ड्यू/ Daman & Diu	0.0	0.0	0.0	0.0	0.0	2.7	3.3	0.6	3.3	0.0	0.0
दादरा नगर हवेली/ Dadra & Nagar Haveli	0.0	0.0	0.0	0.0	0.0	10.5	11.0	0.48	11.0	0.0	0.0
एस्सार स्टील/ Essar Steel	0.0	0.0	0.0	0.0	0.0	9.7	10.1	0.4	10.1	0.0	0.0
पश्चिम क्षेत्रीय / Western Regional	468.8	9.8	29.2	14.8	522.7	348.9	353.3	4.3	876.0	0.0	5.0

Note: Shortage as reported by respective entities

Deviation/STOA/PX: [OD/Import: +ve], [UD/Export: -ve]

4. राज्य अथवा क्षेत्र में ऊर्जा कुल उपलब्धता / State's Demand Met

राज्य / क्षेत्र State/Area	सायं 19:00 बजे/ 19:00 hrs		रात्री 03:00 बजे /03:00 hrs		दैनिक शिखर Day Peak			विचलन/ Deviation in 15-minute time block		
	उपलब्धता / Demand Met	अभाव / Shortage	उपलब्धता / Demand Met	अभाव / Shortage	उपलब्धता Max Demand Met / बजे Time		अभाव /Shortage	औसत/ Average	अधिकतम/ Maximum	न्यूनतम/ Minimum
	(MW)	(MW)	(MW)	(MW)	(MW)	Time	(MW)	(MW)	(MW)	(MW)
गुजरात / Gujarat	9193	0	9402	0	10127	7.00	0	63	693	-606
मध्य प्रदेश/ Madhya Pradesh	7946	8	8376	0	9224	24.00	0	92	563	-382
छत्तीसगढ़/ Chattisgarh	3173	3	2906	0	3353	20.00	0	-37	105	-172
महाराष्ट्र/ Maharashtra	14899	16	12794	0	15102	20.00	0	-26	317	-725
गोवा/ Goa	460	0	316	0	460	19.00	0	16	49	-19
दमन-ड्यू/ Daman & Diu	152	0	130	0	162	23.00	0	22	37	9
दादरा नगर हवेली/ Dadra & Nagar Haveli	535	1	405	0	537	22.00	0	28	82	-12
एस्सार स्टील/ Essar Steel	417	0	448	0	498	20.00	0	17	177	-174
पश्चिम क्षेत्रीय / Western Regional	36775	29	34777	0	37705	20-10-2017 06:45:00		29	-971	1235

5. क्षेत्रीय इकाई उत्पादन केंद्र में उत्पादन स्थिति / Regional Entity-Generators (CGS/UMPP)

स्टेशन/ Station	संस्थापित क्षमता/ Installed Capacity	घोषित क्षमता/ ON Bar Declared Capability (Maximum)	वास्तविक उत्पादन/ Actual Generation (Ex-bus)			दैनिक उत्पादन / Day Generation (Ex-bus)			विचलन/ Deviation in 15-minute time block	
			शिखर समय / Peak hour(Avg 15 min)	Off-Peak hour (Avg 15 min)	औसत/ Day Average	शैड्यूल/ Schedule	वास्तविक/ Actual	विचलन/ Deviation	अधिकतम/ Maximum	न्यूनतम/ Minimum
	Effective MW	(MW)	(MW)	(MW)	(MW)	(MU)	(MU)	(MU)	(MW)	(MW)
कोरबा / Korba-I&II	2100	1550	1733	1775	1763	35.2	42.3	7.2	30	233
कोरबा/ Korba-III	500	465	464	463	457	11.0	11.0	-0.1	42	-20
विंध्याचल / Vindhyachal-I	1260	1140	1155	1108	1108	26.1	26.6	0.5	153	-33
विंध्याचल/ Vindhyachal-II	1000	940	977	972	972	22.3	23.3	1.1	83	-32
विंध्याचल/ Vindhyachal-III	1000	950	969	848	926	22.3	22.2	-0.1	94	-123
विंध्याचल/ Vindhyachal-IV	1000	950	973	973	973	22.1	23.4	1.2	310	-17
विंध्याचल/ Vindhyachal-V	500	498	476	372	461	10.8	11.1	0.2	48	-35
सीपत/ Sipat-I	1980	1867	1289	1566	1461	34.2	35.1	0.9	104	-27
सीपत/ Sipat-II	1000	943	962	707	797	18.7	19.1	0.5	125	-59
मौदा-I / Mouda-I	1000	472	312	250	285	6.9	6.8	-0.1	64	-45
मौदा-II/Mouda-II	1320	625	427	344	425	10.3	10.2	-0.1	148	-112
NTPC Solapur	660	0	0	0	0	0.0	0.0	0.0	0	0
सासन/ Sasan	3960	3722	3786	3735	3731	87.0	89.5	2.5	155	-9
मुंद्रा / Mundra	4150	2500	2491	1907	2283	55.2	54.8	-0.4	56	-146
एन एस पी सी एल / NSPCL	500	228	230	231	220	5.4	5.3	-0.1	15	-99
ककरापार/Kakrapar	440	0	-2	-3	-2	0.0	-0.1	-0.1	-2	-3
तारापुर / Tarapur I	320	149	153	156	155	3.6	3.7	0.1	8	3
तारापुर/ Tarapur-II	1080	485	515	516	515	11.3	12.4	1.0	50	28
कवास/ Kawas	656	323	402	402	402	6.6	9.6	3.1	227	82
गांधार/ Gandhar	657	413	390	288	318	7.9	7.6	-0.3	38	-58
ई-बोली/ RGPPL_IR	1000	540	506	473	478	11.7	11.5	-0.3	10	-30
सरदार सरोवर प्रोजेक्ट / SSP	1450	100	83	79	82	2.4	2.0	-0.4	-8	-32
शुद्ध / Total	27533	19346	18292	17163	17810	411.1	427.4	16.4		

Note:Source SCADA

6. क्षेत्रीय इकाई उत्पादन केंद्र में उत्पादन स्थिति / Regional Entity-Generators (IPP)

स्टेशन/ Station	संस्थापित क्षमता/ Installed Capacity	वास्तविक उत्पादन/ Actual Generation (Ex-bus)			दैनिक उत्पादन / Day Generation (Ex-bus)			विचलन/ Deviation in 15-minute time block	
		शिखर समय / Peak hour(Avg 15 min)	Off-Peak hour (Avg 15 min)	औसत/ Day Average	शैड्यूल/ Schedule	वास्तविक/ Actual	विचलन/ Deviation	अधिकतम/ Maximum	न्यूनतम/ Minimum
	Effective MW	(MW)	(MW)	(MW)	(MU)	(MU)	(MU)	(MW)	(MW)
एस्सार महान/ Essar Mahan	600	266	265	267	6.3	6.4	0.1	15	-4
वंदना विद्युत / Vandana Vidyut	135	0	0	0	0.0	0.0	0.0	0	0

बालको/ Balco	1200	297	325	319	7.6	7.7	0.1	39	-37
जे पी नीगरी/ JP Nigrie	1320	818	781	809	18.6	19.4	0.8	114	-6
लंको /Lanco	600	548	548	548	10.5	13.1	2.6	120	2
के एस के / KSK Mahnadi	1200	847	844	840	20.1	20.2	0.1	35	0
जिंदल/Jindal Stg-1	1000	221	219	203	5.0	4.9	-0.1	17	-31
जिंदल/Jindal Stg-2	1800	566	923	775	18.4	18.4	0.0	-23	-13
डी सी पी पी / DCPP	540	0	0	0	0.0	0.0	0.0	0	0
कोरबा वेस्ट / Korba West	600	0	0	0	0.0	0.0	0.0	0	0
डी बी पावर/ DBPower	1200	492	475	476	11.3	11.4	0.1	25	-8
जीएमआर वरोरा / GMR WARORA	600	288	219	253	5.8	6.1	0.3	33	-10
ACBIL+ Spectrum+MCPL	620	376	374	376	9.1	9.0	0.0	3	-8
धारीवाल/ Dhariwal	300	193	187	178	4.3	4.3	0.0	23	-3
एसकेएस / SKS	300	-9	-8	-9	0.0	-0.2	-0.2	0	0
आरकेएम / RKM	720	320	200	239	5.7	5.7	0.0	0	0
एमबी विद्युत / MB Power	1200	563	549	552	13.4	13.3	-0.1	18	-31
डीजेन/ DGEN	1200	-2	-2	-2	0.0	0.0	0.0	-2	-2
झाबुआ/ Jhabua	600	-6	-18	-4	0.0	-0.1	-0.1	230	-48
टीआरएन एनर्जी/ TRN Energy	600	432	470	437	10.5	10.5	0.0	25	-29
जीएमआर छत्तीसगढ़/ GMR Chattisgarh	1370	-5	-4	-5	0.0	-0.1	-0.1	-4	-6
शुद्ध / Total	19705	6832	6844	6790	162.9	166.4	3.5		

Note:Source SCADA

7. अंतर क्षेत्रीय विनिमय / Inter regional Exchange

क्षेत्र / Region		शैड्यूल/ Schedule (MU)	वास्तविक/ Actual (MU)	अधिकतम/ Maximum (MW)
उत्तरी क्षेत्र/ Northern Region	आयात / Import	7.8	10.9	898
	निर्यात / Export	159.0	140.9	7683
	शुद्ध / Net	-151.3	-130.0	
पूर्वी क्षेत्र / Eastern Region	आयात / Import	16.4	0.5	60
	निर्यात / Export	16.8	41.3	3269
	शुद्ध / Net	-0.4	-40.8	
दक्षिणी क्षेत्र/ Southern Region	आयात / Import	0.9	17.4	798
	निर्यात / Export	45.9	38.8	1379
	शुद्ध / Net	-45.0	-21.4	
पश्चिम क्षेत्रीय / WR Region	आयात / Import	25.0	28.8	1756
	निर्यात / Export	221.7	221.0	12331
	शुद्ध / Net	-196.7	-192.2	

Note : [Import: +ve], [Export: -ve]

GENERATION	THERMAL(COAL+GAS)	NUCLEAR	HYDRO	WIND	SOLAR	TOTAL
STATE SECTOR	468.8	0	9.8	29.2	14.8	522.7
CGS/UMPP	409.5	16.0	2.0	0	0	427.4
PRIVATE SECTOR	166.4	0	0	0	0	166.4
TOTAL(REGION)	1044.7	16.0	11.8	29.2	14.8	1116.5

8. विभव रूपरेखा / Voltage Profile-765 kV

उपकेंद्र/ Station	अधिकतम/ Maximum (Instantaneous)		न्यूनतम/ Minimum (Instantaneous)		प्रतिशत समय विभव/ % time voltage			Nos of Hours Volatge remained Outside IEGC Range(VDI)
	केवी / kV	समय/Time	केवी / kV	समय/Time	< 728 kV	IEGC Band (A)	> 800 kV	(100-A)*24/100
सीपत/Sipat	768	13:47:00	760	19:37:00	0	100	0	0.0
सिवनी/Seoni	783	13:36:00	767	5:37:00	0	100	0	0.0
वर्धा/Wardha	791	13:51:00	769	5:41:00	0	100	0	0.0
बीना/Bina	783	14:02:00	764	23:06:00	0	100	0	0.0
इंदौर/Indore	778	20:59:00	754	6:39:00	0	100	0	0.0
सासन/Sasan	772	20:50:00	754	9:36:00	0	100	0	0.0
सतना/Satna	777	14:21:00	748	9:36:00	0	100	0	0.0
तमनार/Tamnar	793	13:48:00	785	19:22:00	0	100	0	0.0
कोटरा/Kotra	793	13:48:00	784	19:22:00	0	100	0	0.0
वडोदरा / Vadodara	780	18:05:00	765	22:25:00	0	100	0	0.0
दुर्ग/Durg	790	14:39:00	778	0:00:00	0	100	0	0.0

9. विभव रूपरेखा/ Voltage Profile-400 kV

उपकेंद्र/ Station	अधिकतम/ Maximum (Instantaneous)		न्यूनतम/ Minimum (Instantaneous)		प्रतिशत समय विभव/ % time voltage			Nos of Hours Volatge remained Outside IEGC Range(VDI)
	केवी / kV	समय/Time	केवी / kV	समय/Time	<380 kV	IEGC Band (A)	> 420 kV	(100-A)*24/100
भोपाल / Bhopal	413	20:59	400	23:22	0	100	0	0.0
खंडवा / Khandwa	419	19:53	407	6:23	0	100	0	0.0
इटारसी / Itarsi	409	20:59	396	6:39	0	100	0	0.0
दमोह / Damoh	413	21:23	404	2:16	0	1	99	23.7
नागदा / Nagda	418	20:06	401	6:38	0	100	0	0.0
रायपुर / Raipur	421	13:46	416	18:24	0	100	0	0.0
रायगढ़ / Raigarh	421.5	13:49	416	19:35	0	100	0	0.0
वर्धा / Wardha	423	0:17	417	5:34	0	15	85	20.5
धूले / Dhule	433	20:09	407	6:17	0	37	63	15.1
परली / Parli	435	23:39	411	6:45	0	18	82	19.6
बोईसर / Boisar	429	2:54	415	19:12	0	4	96	23.1
असोज / Asoj	417	20:06	406	6:38	0	100	0	0.0
देहगाम / Dehgam	432	2:58	422	6:38	0	0	100	24.0
कासोर / Kasor	422	2:58	414	6:37	0	85	15	3.6
जेतपुर / Jetpur	411	9:03	399	23:10	0	100	0	0.0
अमरेली / Amreli	417	8:45	405	23:10	0	100	0	0.0
वापी / Vapi	433	2:58	418	19:22	0	4	96	23.1
कला/ KALA	430	2:58	416	19:05	0	21	79	18.9
मागरवाड़ा / Magarwara	429	2:01	416	19:22	0	16	84	20.2
हजीरा / Hazira	422	2:55	405	19:36	0	98	3	0.6

10.अल्पावधि अभिगम / STOA (Bilateral & PX)

STOA	STOA Schedule		19:00 hrs Approval		03:00 hrs Approval	
CONSTITUENTS	BILATERAL (MUs)	PX (MUs)	BILATERAL (MW)	PX (MW)	BILATERAL (MW)	PX (MW)
गुजरात / Gujarat	-6.3	2.5	-402	80	-165	110
मध्य प्रदेश/ Madhya Pradesh	4.5	2.8	119	-144	194	296
छत्तीसगढ़/ Chattisgarh	9.3	-0.3	387	0	387	0
महाराष्ट्र/ Maharashtra	12.5	-1.6	552	116	323	-266
गोवा/ Goa	0.8	1.1	59	107	0	0
दमन और दीव/ Daman & Diu	0.0	1.1	0	44	0	44
दादरा नगर हवेली/ Dadra & Nagar Haveli	0.0	-1.2	0	-112	0	-68
एस्सार स्टील/ Essar Steel	5.8	3.9	242	156	242	156

State Generators

स्टेशन/ Station	संस्थापित क्षमता/ Installed Capacity	वास्तविक उत्पादन/ Actual Generation (Ex-bus)			विचलन/ Day Peak in 15-minute time block		
		शिखर समय / Peak hour(Avg 15 min)	Off-Peak hour (Avg 15 min)	औसत/ Day Average	अधिकतम/ Maximum	समय/ Time	Day Energy (MU)
	Effective MW	(MW)	(MW)	(MW)	(MW)	hh:mm	MU
Chhattisgarh							
Bango HY	120	103	38	46	103	(20:00-20:15)	1.1
DSPM	500	466	462	448	468	(00:30-00:45)	10.7

Korba (E)	440	266	250	254	272	(22:15-22:30)	6.1
Korba(W)	1340	1007	922	924	1007	(19:45-20:00)	22.2
Marwa	1000	624	690	615	696	(03:45-04:00)	14.8
SOLAR	76	0	0	10	46	(10:45-11:00)	0.2
WIND	0						0.0
Gujarat							
UKAI (HYDRO)	300	0	-1.28	-1	1	(15:45-16:00)	0.0
KADANA HY	240	57	57	57	57	(00:00-00:15)	6.3
Vadinar	1200	607	307	510	759	(23:00-23:15)	12.2
ALTPS	250	157	157	157	157	(00:00-00:15)	3.8
GIPCL	305	0	0	0	0	(16:30-16:45)	0.0
GSEC	156.1	-3	-3	-3	-3	(16:15-16:30)	-0.1
SLPP	500	315	217	261	350	(00:30-00:45)	6.3
UNO SUGEN	361	0	0	0	0	(22:30-22:45)	0.0
ADANI	4620	-2826	-2237	-2334	-2055	(15:45-16:00)	-56.0
DGBP	215	70	70	71	73	(16:15-16:30)	1.7
GTPS	870	175	171	171	175	(19:30-19:45)	4.1
KLTPS	290	215	218	218	246	(00:15-00:30)	5.2
STPS	740	0	382	139	383	(01:45-02:00)	3.3
UKAI (TH)	1350	364	367	365	372	(00:30-00:45)	8.8
WTPS	1470	0	349	150	496	(00:15-00:30)	3.6
SUGN TOTAL	1147.5	592	480	512	712	(00:30-00:45)	12.3
UTRAN-2	375	2	2	2	2	(00:15-00:30)	0.1
SOLAR	1262	5	2	242	806	(13:15-13:30)	6.4
WIND	5405	729	1331	825	1331	(03:00-03:15)	21.1
Madhya Pradesh							
BARGI HYDRO	90	89	-1	24	90	(12:45-13:00)	0.6
SILPARA HY	30	-7	-7	-7	0	(02:15-02:30)	-0.2
GANDHI SAGAR HY	125	6	1	30	74	(19:15-19:30)	0.7
TONS HY	315	0	84	48	319	(01:00-01:15)	1.1
ISP HY	1000	0	0	44	122	(17:00-17:15)	1.1
OMKARESWAR HY	520	0	0	23	66	(12:45-13:00)	0.5
RAJGHAT HY	45	0	0	0	0	(00:00-00:15)	0.0
AMARKANTAK	450	213	211	182	215	(05:00-05:15)	4.4
SATPURA (SARNI)	1330	417	397	412	605	(23:30-23:45)	9.9
SGTPS (SANJAY GANDHI)	1340	925	960	940	1175	(23:30-23:45)	22.6
JP BINA	500	192	174	179	192	(12:45-13:00)	4.3
SINGHA JI	1200	315	307	305	315	(19:45-20:00)	7.3
SOLAR	976	109	33	250	778	(12:00-12:15)	5.2
WIND	2428	170	265	175	311	(03:45-04:00)	4.1
Maharashtra							
KOYNA 1&2 HY	600	40	40	43	200	(06:00-06:15)	1.0
KOYNA 3 HY	320	0	0	10	79	(07:00-07:15)	0.2
KOYNA-4 HY	1000	-5	-6	-5	-5	(10:45-11:00)	-0.1
GHATGARH HY	250	0	0	0	0	(00:00-00:15)	0.0
BHIRA PSS HY	150	0	0	0	0	(00:00-00:15)	0.0
TATA BHIRA HY	150	4	3	4	34	(23:45-24:00)	0.1
TATA KHOPOLI HY	72	14	0	1	14	(20:00-20:15)	0.0
BHIVPURI HY	75	36	0	5	47	(19:15-19:30)	0.1
DHARIWAL	300	146	146	146	146	(00:15-00:30)	3.5
IB AMRAVATI	1350	0	0	0	0	(00:00-00:15)	0.0
IEPL BELA	270	0	0	0	0	(00:00-00:15)	0.0
BHUSAWAL	1420	696	696	696	696	(00:00-00:15)	16.7
CHANDRAPUR	2340	1409	1497	1484	1546	(17:15-17:30)	35.6
DHANU	500	355	355	355	356	(07:30-07:45)	8.5
KHAPARKHEDA	1340	704	641	660	769	(22:45-23:00)	15.8
KORADI	1950	418	426	406	437	(20:45-21:00)	9.8
NASIK	630	295	301	298	319	(08:30-08:45)	7.2
PARAS	500	348	348	348	348	(00:00-00:15)	8.4
PARLI	1130	0	0	0	0	(00:00-00:15)	0.0
TOMBAY	1580	605	592	597	626	(15:30-15:45)	14.3
JAIGAD (JSW)	1200	0	0	0	0	(00:00-00:15)	0.0
URAN	675	263	274	267	280	(09:00-09:15)	6.4
APML TIRODA	3300	2108	1749	1819	2108	(19:45-20:00)	43.7
SOLAR	383	1	1	24	78	(12:45-13:00)	3.0
WIND	4769	739	739	739	739	(00:00-00:15)	4.0

11. No of Zero crossing of UI of States

State	CHATTISGARH	DD	DNH	GOA	GUJARAT	MADHYAPRADSH	MAHARASHTRA
* No of Zero Crossing of UI	17	0	3	10	15	19	23

*** Calculated based on 15-minute average sample data from SCADA.**

पावर सिस्टम ऑपरेशन निगम लिमिटेड / POWER SYSTEM OPERATION CORPORATION LTD.

पूर्वी क्षेत्रीय भार प्रेषण केंद्र / EASTERN REGIONAL LOAD DESPATCH CENTRE

पूर्वी क्षेत्र की दैनिक संचालन रिपोर्ट / DAILY OPERATION REPORT OF EASTERN REGION

दैनिक ऊर्जा उपलब्धता रिपोर्ट/Power Supply Position For 20-Oct-17 रिपोर्ट तिथि/**Date of Reporting**: 21-Oct-17

1.**क्षेत्रीय उपलब्धता एंव मांग**/Regional Availability/Demand:

संध्या का उच्चतम मांग (19:00 बजे)/ Evening Peak (19:00 Hrs) MW				मांग (14:00 बजे) / Off Peak (14:00 Hrs) MW				दैनिक ऊर्जा/Day Energy(Net MU)	
उपलब्धता/ Demand Met (MW)	अभाव (-),अधिशेष(+)/ Shortage(-),Surplus(+)	मांग/Requirement	आवृत्ति/Freq (Hz)	उपलब्धता/ Demand Met	अभाव/अधिशेष Shortage/Surplus	मांग/ Requirement	आवृत्ति/Freq (Hz)	उपलब्धता/ Demand Met	अभाव/ Shortage
18111	0	18111	49.99	13467	0	13467	50.04	**366**	0.00

2. **क. राज्य का भार विवरण (राज्य परिधि में)** /A.State's Load Deails (At State Periphery) in MUs:

राज्य/State	**राज्य का नियंत्रण क्षेत्र में उत्पादन/State's Control Area Generation (Net MU)**					**आयात शेड्यूल/ Drawal Schd.**	**वास्तविक आयात/ Actual Drawal**	**यू.आई./UI**	**उपलब्धता/ Availability**	**आवश्यकता / Require-ment**	**खपत/ Consum-ption**	**अभाव/ Short-age**
	थर्मल / Thermal	**हाइड्रो / Hydro**	**अक्षय/अन्य Renewable/ Others**	**कुल / Total**	**Units under reserve S/D**	**(Net MU)**	**(Net MU)**	**(Net MU)**	**(Net MU)**	**(Net MU)**	**(Net MU)**	**(Net MU)**
बिहार\Bihar	9.08	0.00	0.10	9.17	0.00	75.09	71.27	-3.82	93.13	84.26	80.44	0.00
डीवीसी\DVC	79.38	2.81	0.00	82.19	0.00	-19.11	-20.14	-1.03	63.49	63.08	62.05	0.00
झारखंड\Jharkhand	7.80	0.06	1.66	9.52	0.00	12.51	10.83	-1.68	21.29	22.03	20.35	0.00
ओडिशा\Odisha	15.95	10.39	10.60	36.95	0.00	38.53	41.84	3.31	74.65	75.48	78.79	0.00
पश्चिम बंगाल\ West Bengal	68.14	7.66	13.43	89.23	0.00	31.66	33.82	2.16	126.75	120.89	123.05	0.00
सिक्किम\Sikkim	0.00	0.00	0.00	0.00	0.00	1.26	0.99	-0.27	1.57	1.26	0.99	0.00
क्षेत्र\Region	180.35	20.92	25.78	227.05	0.00	139.94	138.61	-1.33	380.89	367.00	365.67	0.00

2. **ख. राज्य की मांग पूरा किया**/ B.State's Demand Met in MWs:

राज्य/State	**संध्या का उच्चतम मांग/ Evening Peak (19:00 hrs) MW**		**मांग (14:00 बजे)/Off Peak (14:00 hrs) MW**		**दिन का उच्चतम मांग/Day peak**			**दैनिक ऊर्जा/Day Energy(Net MU)**	
	उपलब्धता/ Demand Met	**अभाव (-), अधिशेष(+)/ Shortage(-), Surplus(+)**	**उपलब्धता/ Demand Met**	**अभाव (-), अधिशेष(+)/ Shortage(-), Surplus(+)**	**उच्चतम मांग/ Demand Peak**	**समय/Time**	**अभाव (-),अधिशेष(+)/ Shortage(-),Surplus(+)**	**पूर्वानुमान (एलजीबीआर)/ Forecast (LGBR)**	**विचलन/Deviation [Forecast (LGBR)-Consumption]**
बिहार\Bihar	4345	0	2616	0	4458	00:21	0	4345.01	4264.57
डीवीसी\DVC	2631	0	2481	0	2882	01:09	0	894.59	832.54
झारखंड\Jharkhand	895	0	563	0	978	18:53	0	2631.15	2610.80
ओडिशा\Odisha	3960	0	3046	0	3960	18:00	0	3960.14	3881.36
पश्चिम बंगाल\ West Bengal	6223	0	4726	0	6625	00:07	0	6222.96	6099.92
सिक्किम\Sikkim	57	0	34	0	78	17:45	0	57.05	56.06
क्षेत्र\Region	18111	0	13467	0	18410	19:33	0	18110.92	17745

3. **क. क्षेत्रीय इकाईओं का उत्पादन**/A. Regional Entities Generation:

	स्टेशन/Station	**संस्थापित क्षमता/ Inst. Capacity**	**19:00 बजे/ 19:00 Hrs**	**14:00 बजे/14:00 Hrs**	**दिन का उच्चतम मांग/Day Peak**		**दैनिक ऊर्जा/Day Energy(Net MU)**		**औसत/AVG. MW**
	घटक/Constituents	**मेगावाट/MW**	**अधिकतम/ Peak MW**	**मांग /Off Peak MW**	**मेगावाट/MW**	**बजे/Hrs**	**शेड्यूल/SCHD (MU)**	**वास्तविक/ ACT (MU)**	
एनटीपीसी/NTPC	फरक्का एसटीपीएस-I और II/ Farakka STPS - I & II (3*200+2*500)	1600	1045	824	1269	01:19	23.38	22.75	948
	फरक्का एसटीपीएस - III / Farakka STPS - III (1*500)	500	295	263	348	05:51	6.73	6.66	278
	कहलगांव एसटीपीएस-I / Kahalgaon STPS - I (4*210)	840	629	476	665	06:04	13.39	13.30	554
	कहलगांव एसटीपीएस- II / Kahalgaon STPS - II (3*500)	1500	1342	788	1400	20:30	23.98	23.71	988
	बाढ़ एसटीपीएस-I और II /Barh STPS - I & II (2*660)	1320	1196	691	1210	18:18	22.07	22.33	930
	नबीनगर/Nabinagar (1*250)	250	199	162	204	18:38	3.83	4.25	177
	तालचर एसटीपीएस-I /Talcher STPS - I (2*500)	1000	937	923	945	02:24	21.47	21.58	899
	तालचर एसटीपीएस-II/Talcher STPS - II (4*500)	2000	1398	1364	1429	19:51		31.73	1322
	उप कुल थर्मल/Sub Total Thermal	**7010**	**5643**	**4128**			**114.86**	**114.59**	
एनएचपीसी/NHPC	तीस्ता-V / Teesta-V (3*170)	510	514	345	518	18:07	9.24	9.55	398
	रांगित/Rangit (3*20)	60	59	59	60	06:09	1.39	1.44	60
	उप कुल हाइड्रो/Sub Total Hydro	**570**	**574**	**404**			**10.63**	**10.99**	
भूटान/BHUTAN	कुरिचु/Kurichu(4*15)	60	22	22	22	00:00	1.58	1.58	66
	ताला/Tala(6*170)	1020	238	440	566	02:10	11.13	10.60	442
	चुखा/Chukha(4*84)	336	139	143	179	01:24	3.69	3.55	148
	दगाचु/Dagachu(2*63)	126							0
	उप कुल हाइड्रो/Sub Total Hydro	**1542**	**399**	**606**			**16.40**	**15.73**	655
आईपीपी/IPP	एमपीएल/MPL(2*525)	1050	1009	829	1023	01:08	20.59	21.38	891
	एपीएनआरएल/APNRL (2*270)	540	7	5	14	15:19	0.00	0.00	0
	जीएमआर/GMR(3*350)	1050	333	324	340	11:21	7.75	7.69	320
	जेआईटीपीएल/JITPL(2*600)	1200	505	424	510	18:36	10.16	10.43	435
	उप कुल आईपीपी थर्मल/Sub Total IPP Thermal	**3840**	**1015**	**835**			**38.50**	**39.50**	1646
	चुझाचेन एचईपी/ Chuzachen HEP(2*55)	**110**	**101**	**0**	105	00:11	1.20	1.26	53
	तीस्ता-III/Teesta - III (6*200)	**1200**	**791**	**581**	878	00:11	16.69	16.88	703
	डीकचू/Dikchu (2*48)	**96**	**99**	**59**	103	18:00	1.13	1.20	50
	जोरेथांग एचईपी/Jorethang HEP (2*48)	**96**	**61**	**55**	89	10:44	1.97	1.37	57
	उप कुल आईपीपी हाइड्रो/Sub Total IPP Hydro	**1502**	**1052**	**694**			**20.99**	**20.72**	863
सोलर/SOLAR	**तलचर एनटीपीसी सोलर/Talcher NTPC Solar**	**10**						**0.00**	0
इनफरम/INFIRM	**Tashiding Infirm**	**96**	**55**	**55**	101	23:14		**1.32**	55
	नबीनगर इनफरम/Nabinagar Infirm	**250**						**0.00**	0
कुल क्षेत्रीय इकाइयां/Total Regional Entities		**14464**	**8684**	**6665**			**201.38**	**202.85**	

3.ख. राज्य की इकाईओं का उत्पादन/B. State Entities Generation:

	स्टेशन/Station	संस्थापित क्षमता/ Inst. Capacity	19:00 बजे/ 19:00 Hrs	14:00 बजे/ 14:00 Hrs	दिन का उच्चतम मांग/Day Peak		निक ऊर्जा/Day Energ	औसत/AVG. MW
	घटक/Constituents	मेगावाट/MW	अधिकतम/ Peak MW	मांग /Off Peak MW	मेगावाट/MW	बजे/Hrs	(MU)	
बिहार/BIHAR	बरौनी टीपीएस/Baruni TPS(2*110)	220	0	0	0	00:00	0.00	0
	मुजफ्फरपुर टीपीएस/Muzaffarpur TPS(2*110)	220	69	67	138	03:46	2.11	88
	के.बी.यू.एन.एल. एसटीजी2 /KBUNL Stg 2 (2*195)	390					6.97	
	थर्मल (कुल)/Thermal (Total)	**830**	69	67	-	-	9.08	
	हाइड्रो (कुल)/Hydro (Total)	**45**	**0**	**0**			**0.00**	
	सोलर उत्पादन/Solar Generation						**0.27**	
	अन्य/चीनी मिल-Others/Sugar Mill	**14**	**0**	**0**	0	00:00	**0.10**	
	कुल बिहार/Total BIHAR	**888**	**69**	**67**			**9.44**	
झारखंड/ JHARKHAND	पतरातू टीपीएस/ Patratu TPS(4*50+2*100+4*110)	840	0	0	0	00:00	0.00	0
	तेनुघाट टीपीएस)/Tenughat TPS (2*210)	420	318	320	332	06:29	7.80	325
	थर्मल (कुल) /Thermal (Total)	**1260**	**318**	**321**			**7.80**	**325**
	सुवर्णरेखा/Subernrekha (2*65)	130	0	0	87	00:20	0.06	2
	हाइड्रो (कुल)/Hydro (Total)	**130**	**0**	**0**	**87**	00:20	**0.06**	**2**
	सीपीपी आयात/CPP IMPORT		0	0	0	00:00	**1.66**	69
	कुल झारखंड/Total JHARKHAND	**1390**	**318**	**321**			**9.52**	
डीवीसी/DVC	चंद्रपुरा टीपीएस/Chandrapura TPS(3*140+2*250)	920	336	336	336	00:00	9.81	**409**
	बोकारो-बी टीपीएस/Bokaro'B TPS (3*210)	630	0	0	0	05:28	0.00	**0**
	बोकारो ए/Bokaro A (2*500)	1000					8.33	**347**
	वारिया टीपीएस/ Waria TPS (1*140+1*210)	350	174	174	174	00:00	4.31	**179**
	मेजिया टीपीएस/ Mejia TPS (4*210+2*250)	1340	686	755	957	05:45	21.09	**879**
	मेजिया ब टीपीएस/Mejia'B TPS (2*500)	1000	474	324	482	18:38	9.50	**396**
	दुर्गापुर एसटीपीएस/Durgapur STPS (2*500)	1000	435	322	494	19:22	9.38	**391**
	कोडरमा टीपीएस/ Koderma TPS (2*500)	1000	685	674	710	10:46	16.96	**707**
	रघुनाथपुर टीपीएस/Raghunathpur TPS (2*300)	600	0	0	0	00:00	0.00	**0**
	थर्मल (कुल)/Thermal (Total)	**7840**	**2790**	**2585**			**79.38**	
	मैथन/Maithon(2*20+1*23.2)	63	62	61	64	19:36	1.48	62
	पेंचहेत)/Panchet(2*40)	80	64	55	65	13:39	1.26	52
	तिलैया/Tilaiya(2*2)	4	0	0	0	00:00	0.08	3
	हाइड्रो (कुल)Hydro (Total)	**147**	**126**	**116**			**2.81**	
	अक्षय/अन्य Renewable/Others							
	कुल डीवीसी/Total DVC	**7987**	**2916**	**2701**			**82.19**	
ओडिशा/ODISHA	तालचर टीपीएस/ Talcher TPS (4*62.5+2*110)	470	332	332	338	06:13	7.97	332
	आईबी वैली टीपीएस/IB Valley TPS (2*110)	420	324	323	351	03:20	7.98	332
	थर्मल (कुल)/Thermal (Total)	**890**	**656**	**655**			**15.95**	
	बुर्ला/Burla(2*49.5+3*37.5+2*32)	276	141	94	144	07:40	2.85	119
	चिपलीमा/Chipilima(3*24)	72	45	45	48	16:56	1.08	45
	बालिमेला/ Balimela(2*75+6*60)	510	153	18	198	18:53	0.69	29
	रेंगाली (5*50)/Rengali(5*50)	250	154	153	159	17:59	3.07	128
	अपर कोलाब/ Upper Kolab(4*80)	320	77	21	81	16:47	0.62	26
	इंद्रावती /Indravati(4*150)	600	294	0	303	10:44	1.33	55
	मककुंड शेयर/Machkund Share	57	32	32	32	19:37	0.76	32
	हाइड्रो (कुल)/Hydro (Total)	**2085**	**896**	**363**			**10.39**	
	कुल सीपीपी जीआर आयात/ Total CPP GR Import	**5173**	**528**	**396**	1132	19:33	10.52	438
	सोलर उत्पादन/Solar Generation	**0**	**0**	**0**			0.08	3
	अक्षय/अन्य Renewable /Other						0.00	
	कुल ओडिशा/Total Odisha	**2975**	**1553**	**1019**			**36.95**	
पश्चिम बंगाल/ WEST BENGAL	संथालडीह टीपीएस/Santaldih TPS (2*250)	500	252	177	254	17:39	5.18	216
	बैंडेल टीपीएस/Bandel TPS (4*82.5+1*210)	540	197	198	229	15:43	4.61	192
	कोलाघाट टीपीएस/Kolaghat TPS (6*210)	1260	406	437	449	11:44	10.30	429
	बाकसेश्वर टीपीएस/ Bakreswar TPS (5*210)	1050	539	539	539	00:00	12.93	539
	डीपीएल टीपीएस/DPL TPS (3*75+1*110+1*300)	635	344	351	364	04:01	8.40	350
	सागरदिघी टीपीएस/ SAGARDIGHI TPS (2*300+1*500)	1100	844	565	1006	20:44	16.22	676
	थर्मल (कुल)/Thermal (Total)	**5085**	**2581**	**2266**			**49.24**	
	पुरुलिया पीएसपी(जी)/Purulia PSP(G) (4*225)	900	0	0	441	17:20	1.85	77
	पुरुलिया पीएसपी(पी)/ Purulia PSP(P)		-9	-8	0	00:00	-1.08	-45
	जला ढाका / Jaldhaka (3*9+2*4)	35	25	25	25	00:00	0.60	25
	रामम/Ramam (4*12.5)	50	28	28	28	00:00	0.67	28
	टीएलडीपी / TLDP III & IV(4*40 + 4*40)	320	248	94	292	19:43	3.99	166
	तिस्ता /Tista (9*7.5)	68	23	23	23	00:00	0.55	23
	हाइड्रो (कुल)/Hydro (Total)	**1373**	**315**	**162**			**7.66**	319
	कुल सीपीपी डब्लूबी आयात/Total CPP WB Import	**631**	**458**	**672**	675	14:04	13.43	559
	अक्षय/अन्य Renewable /Other						0.00	
	कुल पश्चिम बंगाल/Total WEST BENGAL	**6458**	**2896**	**2427**			**70.33**	2930
सीईएससी/CESC	बज-बज टीपीएस/Budge-Budge TPS (3*250)	750	697	495	745	17:41	13.62	567
	दक्षिणी टीपीएस/Southern TPS(2*67.5)	135	48	51	110	00:28	1.28	53
	थर्मल (कुल)/Thermal (Total)	**885**	**744**	**546**			**14.90**	621
	अक्षय/अन्य Renewable /Other							
	कुल सीईएससी/Total CESC	**885**	**744**	**546**			**14.90**	621
कुल आईएसजीएस और आईपीपी थर्मल/Total ISGS & IPP Thermal		**10850**	**6658**	**4962**			**154.09**	6421
कुल राज्य थर्मल/Total State Thermal		**16790**	**7158**	**6440**			**176.35**	7348
कुल सीपीपी आयात/Total CPP Import		**5804**	**986**	**1068**			**25.60**	1067
कुल आईएसजीएस और आईपीपी हाइड्रो/ Total ISGS & IPP Hydro		**3614**	**2025**	**1703**			**47**	1976
कुल राज्य हाइड्रो/Total State Hydro		**3779**	**1338**	**640**			**20.92**	872
अक्षय/अन्य Renewable /Other		**14**	**0**	**0**			**0.45**	19
नेट अंतर क्षेत्रीय विनिमय [आयात (+) / निर्यात (-)]/Net Inter Regional Exchange [Import(+ve)/Export(-ve)]			**2478**	**3597**			**-40.93**	**3120**
क्षेत्रीय कुल (सकल)/Regional Total (Gross)		**40837**	**20642**	**18411**	**0**	**0**	**383.93**	**20804**

4. **क. अंतर क्षेत्रीय विनिमय [आयात** (+) / **निर्यात** (-)]/A. INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

क्रम संख्या/Sl No	तत्व\Element	अधिकतम 19:00 बजे/ 19:00 Hrs Peak	मांग 14:00 बजे/14:00 Hrs Off Peak	अधिकतम विनिमय/ Maximum Interchange (MW)		आयात/Import (in MU)	निर्यात/Export (in MU)	नेट/NET
		मेगावाट/MW	मेगावाट/MW	आयात/ Import	निर्यात/ Export			
आयात/निर्यात - ईआर से एनआर / Import/Export NR from ER								
1	765 केवी गया-वाराणसी / 765 KV GAYA-VARANASI D/C	-36	93	0	201	**0.00**	**-4.30**	**-4.30**
2	765 केवी सासाराम-फतेहपुर / 765 KV SASARAM-FATEHPUR	-207	-26	0	23	**2.33**	**0.00**	**2.33**
3	765 केवी गया-बालिया / 765 KV GAYA-BALIA	120	192	0	334	**0.00**	**-5.17**	**-5.17**
4	एचवीडीसी लिंक पुसोली बी/बी / HVDC LINK PUSAULI B/B	94	93	0	97	**0.00**	**-2.37**	**-2.37**
5	एचवीडीसी लिंक अलीपुरद्वार आगरा पोल 3 / HVDC LINK	85	80	0	134	**0.00**	**-4.35**	**-4.35**
6	एचवीडीसी लिंक अलीपुरद्वार आगरा पोल 4 / HVDC LINK	89	84	0	143	**0.00**	**-4.38**	**-4.38**
7	400 केवी पुसोली-सारनाथ / 400 KV PUSAULI-SARNATH	121	93	0	127	**0.00**	**0.00**	**0.00**
8	400 केवी पुसोली-इलाहाबाद / 400 KV PUSAULI-ALLAHABAD	-14	12	0	25	**0.00**	**0.00**	**0.00**
9	400 केवी मुजफ्फरपुर-गोरखपुर /400 KV MUZAFFARPUR-GORAKHPUR	274	476	0	585	**0.00**	**-11.23**	**-11.23**
10	400 केवी पटना-बलिया / 400 KV PATNA-BALIA	653	519	0	964	**0.00**	**-13.67**	**-13.67**
11	400 केवी बिहारशिफ-बलिया / 400 KV BIHARSHARIFF-BALIA	4	137	0	196	**0.00**	**-3.59**	**-3.59**
12	400 केवी मोतिहारी - गोरखपुर /400 KV MOTIHARI - GORAKHPUR - D/C	-214	-132	0	0	**4.02**	**0.00**	**4.02**
13	400 केवी बिहारषिफ - वाराणसी डी सी /400 KV BIHARSHARIFF - VARANASI D/C			0	0	**0.45**	**0.00**	**0.45**
14	220 केवी पुसोली-साहपुरी / 220 KV PUSAULI-SAHUPURI	176	114	0	187	**0.00**	**-3.28**	**-3.28**
15	132 केवी सोन नगर-रिहंद / 132 KV SONE NAGAR-RIHAND	0	0	0	0	**0.00**	**0.00**	**0.00**
16	132 केवी गरवाह-रिहंद / 132 KV GARWAH-RIHAND	-12	-12	0	0	**0.04**	**0.00**	**0.04**
17	132 केवी कर्मनाशा-साहपुरी/132 KV KARMANASA-SAHUPURI	0	0	0	0	**0.00**	**0.00**	**0.00**
18	132 केवी कर्मनाशा-चंदौली / 132 KV KARMANASA-CHANDAULI					**0.00**	**0.00**	**0.00**
उप कुल एनआर / Sub Total NR		**966**	**1856**	**0**	**2843**	**7**	**-52**	**-45.50**
आयात/निर्यात ईआर से डब्ल्यूआर Import/Export WR from ER								
1	765 केवी झारसुगुडा-धरमज्यगढ़ /765 KV JHARSUGUDA-DHARMAJAYAGARH D/C	-702	-506	0	0	10.54	0.00	**10.54**
2	765 केवी रांची-धरमज्यगढ़ / 765 KV RANCHI-DHARMAJAYAGARH S/C	-354	-140	0	0	8.02	0.00	**8.02**
3	400 केवी राउरकेला-रायगढ़ (एसईएल लिलो बाईपास)/400 KV ROURKELA-RAIGARH (SEL LILO BYPASS)	-154	-93	0	0	2.54	0.00	**2.54**
4	400 केवी झारसुगुडा-रायगढ़ I/400 KV JHARSUGUDA-RAIGARH I	-99	-73	0	0	2.16	0.00	**2.16**
5	400 केवी झारसुगुडा-रायगढ़II/400 KV JHARSUGUDA-RAIGARH II	0	0	0	0	2.06	0.00	**2.06**
6	400 केवी स्टरलाइट-रायगढ़ -II/400 KV STERLITE-RAIGARH -II	-297	-241	0	0	6.09	0.00	**6.09**
7	400 केवी रांची-सीपत / 400 KV RANCHI-SIPAT D/C	-385	-312	0	0	6.86	0.00	**6.86**
8	220 के.वी. बुधीपदर-रायगढ़ / 220 KV BUDHIPADAR-RAIGARH	21	14	0	76	0.00	-0.37	**-0.37**
9	220 के.वी. बुधीपदर-कोरबा / 220 KV BUDHIPADAR-KORBA D/C	-88	-91	0	0	2.01	0.00	**2.01**
उप कुल डब्ल्यूआर / Sub Total WR		**-2001**	**-1418**	**0**	**0**	**40**	**0**	**39.90**
आयात/निर्यात ईआर से एसआर Import/Export SR from ER								
1	765 केवी अंगुल शिरकाकुलाम/765 KV ANGUL SHRIKAKULAM D/C					0.00	-16.87	**-16.87**
2	गाजूवाका बी / बी / GAZUWAKA B/B	147	147	0	227	0.00	-7.36	**-7.36**
3	तालचेर-कोलार बाईपोल / TALCHER-KOLAR BIPOLE	1610	1611	0	1626	0.00	-26.91	**-26.91**
4	तालचेर एसटीजी - II आई / सी / TALCHER STG - II I/C	372	373	0	377	4.82	0.00	**5**
5	220 केवी बालीमाला-अपपर-सिलिरू/ 220 KV BALIMELA-UPPER-SILERRU S/C	-1	-1	0	0	0.00	0.00	**0.00**
उप कुल एसआर / Sub Total SR		**1229**	**1268**	**0**	**1436**	**4.82**	**-24.23**	**-19.41**
आयात/निर्यात ईआर से एनईआर Import/Export NER from ER								
1	400 केवी बिनागुरी -बोंगाईगांव/400 KV BINAGURI-BONGAIGAON D/C	1064	699	0	1107	0.00	-7.87	**-7.87**
2	400 केवी अलीपुरद्वार-बोंगाईगांव /400 KV ALIPURDUAR-BONGAIGAON D/C	873	575	0	906	0.00	-4.61	**-4.61**
3	220 केवी अलीपुरद्वार-सालाकाती/220 KV ALIPURDUAR-SALAKATI D/C					0.00	-1.85	**-1.85**
4	132 केवी गेलेफु - सालाकाती/132 KV GEYLEGPHU-SALAKATI					0.00	-0.65	**-0.65**
5	132 केवी देवोहंथांग - रंगिया / 132 KV DEOTHANG - RANGIA					0.00	-0.93	**-0.93**
उप कुल एनईआर/ Sub Total NER		**866**	**512**	**0**	**900**	**0**	**-16**	**-15.92**
कुल अंतर क्षेत्रीय विनिमय / TOTAL IR EXCHANGE		**2478**	**3597**	**0**	**4286**	**52**	**-93**	**-40.93**

4.**ख. अतर क्षेत्रीय शेड्यूल एव वास्तविक विनिमय [आयात** (+) / **निर्यात** (-)] / B. Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

	आईएसजीएस / (एलटी + एमटी) / ISGS/(LT+MT) Schedule	द्विपक्षीय शेड्यूल / BILT Schedule	पीएक्स शेड्यूल / PX Schedule	कुल आईआर शेड्यूल/ Total IR Schedule	कुल आईआर वास्तविक/ Total IR Actual	नेट आईआर यूआई / NET IR UI
ईआर- एनआर/ ER-NR	-44.50	3.52	4.82	-36.15	-45.50	-9.35
ईआर-डब्ल्यूआर/ ER-WR	-6.18	3.89	2.46	0.17	39.90	39.73
ईआर-एसआर/ ER-SR	-13.79	2.65	5.22	-5.92	-19.41	-13.49
ईआर- एनईआर/ ER-NER	-1.79	0.96	-0.18	-1.02	-15.92	-14.90
कुल/TOTAL	-66.26	11.02	12.32	-42.92	-40.93	1.99

5. **अतरराष्ट्रीय विनिमय [आयात** (+) / **निर्यात** (-)]/ Transnational Exchange (Import=(+ve) /Export =(-ve))

	शेड्यूल ऊर्जा विनिमय Scheduled Energy Exchange(In MU)	वास्तविक ऊर्जा विनिमय/Actual Energy Exchange (In MU)	दिन का अधिकतम/ Day Peak (MW)	दिन का न्यूनतम/ Day Min (MW)	दिन का औसत/ Day Average (MW)	नेपाल विनिमय / Nepal Exchange	ऊर्जा विनिमय / Energy Exchange (In MU)	दिन का अधिकतम/ Day Peak (MW)	दिन का न्यूनतम/ Day Min (MW)	दिन का औसत/ Day Average
भूटान / Bhutan	**16.40**	15.73	766		655	**बिहार / Bihar**	-0.99	-112	0	-41
नेपाल * / Nepal*	**-1.20**	-2.52	-212	0	-105	**132केवी मुजफ्फरपुर-ढलकेबार/132 kV Mzf-Dh'bar**	-1.53	-100	0	-64
बाग्लादेश / Bangladesh	**-11.87**	-12.00	-504	-306	-500	* Actual Energy of Nepal is inclusive of Bihar and 132 kV Muzaffarpur - Dhalkebar				

6. **आवृत्ति प्रोफाइल** / Frequency Profile

रेंज / RANGE(Hz)	<49.2	<49.7	<49.8	<49.9	49.9 - 50.05	50.05 - 50.1	>50.05	>50.2
%	0.00	0.00	0.57	6.04	82.05	11.64	11.91	0.00

<----------Frequency (Hz)---------->

अधिकतम / Maximum		न्यूनतम / Minimum		औसत आवृत्ति / Average Frequency	आवृत्ति रूपांतर सूचकांक / Freq Variation Index	मानक विचलन / Standard deviation	मिनट ब्लॉक में आवृत्ति / Freq. in 15 mnt		Freq. Dev Index (% of Time)
Freq	Time	Freq	Time				Max.	Min.	
50.14	14:01	49.70	19:06	49.99	0.03	0.06	50.07	49.82	17.95

7. **वोल्टेज प्रोफाइल** / Voltage Profile

स्टेशन / Station	अधिकतम / Maximum		न्यूनतम / Minimum		वोल्टेज / Voltage (in %)			वोल्टेज विचलन सूचकांक (% समय) Voltage Dev Index (%of
	वोल्टेज /Voltage (KV)	समय / Time	वोल्टेज / Voltage (K	समय / Time	<380/728 KV	380<>420kV 728<>800kV	>420/800 KV	
नई रांची / Ranchi New	795	13:45	777	20:34	0.00	100.00	0.00	0.00
जमशेदपुर / Jamshedpur	434	14:02	425	00:04	0.00	0.00	100.00	100.00
मुजफ्फरपुर / Muzaffarpur	414	06:05	390	19:13	0.00	100.00	0.00	0.00
बिहार शरीफ / Bihar Sariff	416	14:01	401	20:29	0.00	100.00	0.00	0.00
बिनागुरी / Binaguri	421	14:02	406	00:05	0.00	98.96	1.04	1.04
जीरत / Jeerat	421	06:32	402	19:25	0.00	94.03	5.97	5.97
राउरकेला / Rourkela	418	13:45	411	20:36	0.00	100.00	0.00	0.00
जयपोर / Jeypore	418	01:46	389	00:06	0.00	100.00	0.00	0.00
कोडरमा / Koderma	422	14:01	411	00:04	0.00	94.38	5.63	5.63
मैथन / Maithon	420	14:03	410	00:17	0.00	100.00	0.00	0.00
तीस्ता / Teesta	411	14:12	400	18:39	0.00	100.00	0.00	0.00
रांगपो / Rangpo	410	14:12	397	18:43	0.00	100.00	0.00	0.00

9. **सिस्टम विश्वसनीयता इंडेक्स (टीटीसी और एटीसी का उल्लंघन)** / System Reliability Indices (Violation of TTC and ATC)

(i) N-1 मानदंड अंतर-क्षेत्रीय गलियारों पर % बार उल्लंघन किया गया / % age of times N-1 Criteria was violated in the inter - regional corridors

ईआर-एनआर और एनईआर (कहलगांव-बांका) (500MW)/ER-NR	0.00%
डब्ल्यू3 - ईआर (एमपीएल-मैथन) (550MW)/W3-ER (MPL-Maithon	0.00%

(i) एटीसी अंतर-क्षेत्रीय गलियारों पर % बार उल्लंघन किया गया / % age of times ATC violated on the inter-regional corridors

	निर्यात/EXPORT	आयात/IMPORT
एनआर/NR	0.00%	0.00%
एसआर/SR	0.00%	0.00%
एनईआर/NER	0.00%	0.00%
ईआर/WR	0.00%	0.00%
कुल/TOTAL		
राउरकेला-जमशेदपुर/Rourkela-Jamshedpur		0.00%

9. Significant events (If any):

10.System Constraints (If any)

11. Weather Condition:

Shift In Charge

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

उत्तर-पूर्वी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in North-Eastern Region for 20-Oct-17
Date of Reporting 21-Oct-17

I. Regional Availability/Demand:

Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
2350	185	2534	49.89	1511	110	1621	**49.97**	43.07	1.47

* Half hourly (two 15 minutes block--one block each before and after the designated time) average frequency

II. A. State's Load Details (At States periphery) in MUs:

UI [OD:(+ve), UD: (-ve)]

State	State's Control Area Generation (Net MU)					Drawal Schedule	Actual Drawal	UI	Consumption	Shortages *
	Thermal	Hydro	Solar	Wind	Total	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(MU)
ARUNACHAL PRADESH	0.00	0.00	0.00	0.00	0.00	2.20	2.48	0.28	2.48	0.05
ASSAM	3.06	2.08	0.01	0.00	5.15	20.00	19.86	-0.14	25.00	1.18
MANIPUR	0.00	0.00	0.00	0.00	0.00	2.41	2.51	0.10	2.51	0.05
MEGHALAYA	0.00	4.27	0.00	0.00	4.27	1.02	1.27	0.25	5.50	0.00
MIZORAM	0.00	0.09	0.00	0.00	0.09	1.26	1.25	-0.01	1.35	0.02
NAGALAND	0.00	0.52	0.00	0.00	0.52	1.90	1.97	0.07	2.49	0.05
TRIPURA	3.46	0.13	0.00	0.00	3.59	3.22	2.21	-1.01	3.75	0.12
Total	**6.51**	**7.10**	**0.01**	**0.00**	**13.62**	**32.00**	**31.55**	**-0.46**	**43.07**	**1.47**

*** Shortage furnished by the respective constituent. # Tripura Demand excludes Bangladesh D 2.05 MU**

II. B. State's Demand Met in MWs:

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)

State	Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				# Max(hourly) Demand Met of Day (MW)	Time
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction		
ARUNACHAL PRADESH	102	6	-22	0	**65**	0	**3**	0	107	18:01
ASSAM	1446	156	19	498	**1031**	100	**19**	222	1462	18:22
MANIPUR	141	5	2	-20	**60**	0	**-11**	-61	145	17:24
MEGHALAYA	265	0	-36	-186	**118**	0	**-4**	-50	265	18:57
MIZORAM	81	1	-6	-15	**31**	0	**2**	-36	82	16:56
NAGALAND	106	4	9	0	**63**	0	**1**	0	110	16:31
TRIPURA	209	12	37	15	**144**	10	**4**	-62	220	17:52
Total	**2350**	**185**	**3**	**291**	**1511**	**110**	**14**	**13**	**2360**	17:52

* STOA figures are at sellers boundary & PX figures are at regional boundary.

III. Regional Entities :

UI [OG:(+ve), UG: (-ve)]

	Station/ Constituent	Inst. Capacity	Declared	Peak MW (At 19:00 Hrs)	Off Peak MW (At 03:00 Hrs)	Energy	Average	Schedule	UI
		(Effective) MW	Capacity(MW)	(Gross)	(Gross)	(Net MU)	MW	Net MU	Net MU
A. NEEPCO	KHANDONG (2x25)	50	49	50	**49**	1.22	51	1.18	0.05
	KOPILI STAGE-II (Khandong) (1x25)	25	0	0	**0**	0.00	0	0.00	0.00
	KOPILI (4x50)	200	190	190	**190**	4.64	193	4.56	0.08
	AGBPP (Kathalguri)- (GT+ST) (6x33.5 + 3x30)	291	198	151	**191**	4.75	198	4.18	0.57
	AGTCCPP (RC NAGAR) (4x21+2x25)	135	75	61	**76**	1.75	73	1.58	0.17
	DOYANG (3x25)	75	67	67	**24**	0.75	31	0.70	0.05
	RANGANADI (3x135)	405	401	401	**0**	3.42	142	3.43	-0.02
	Sub Total (A)	1181	980	920	**530**	16.52	689	15.62	0.90
B. NHPC	LOKTAK (3x35)	105	104	104	**102**	2.52	105	2.45	0.06
	Sub Total (B)	105	104	104	**102**	2.52	105	2.45	0.06
C. OTPCL	PALATANA CCPP (2X363.3)	726.6	481	567	**486**	11.29	470	11.07	0.22
	Sub Total (C)	**726.6**	**481**	**567**	**486**	**11.29**	**470**	**11.07**	0.22
D.NTPC	BgTPP	250	228	165	**127**	3.40	142	3.26	0.15
	Sub Total (D)	**250**	**228**	**165**	**127**	**3.40**	**142**	**3.26**	0.15
E. Total Regional Entities (A-D)		**2263**	1793	1756	**1245**	33.74	1406	32.40	1.33

E. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sentout MW)
ARUNACHAL PRADESH	Thermal (Total)	0	0	0.00	0.00	0
	Total Hydro	0	0	0.00	0.00	0
	Total Micro Hydel	0	0	0.00	0.00	0
	Total Diesel	0	0	0.00	0.00	0
	Total Solar	0.000	0	0.00	0.00	0
	Total Wind	0	0	0.00	0.00	0
	Total Arunachal Pradesh	**0**	**0**	**0.00**	**0.00**	**0**
ASSAM	LTPS(Thermal) (4x15+3x20+1x37.2)	157.2	63	**83.38**	1.79	75
	NTPS(Thermal) (20+21+21+11+24+ 22)	120	68	**55.00**	1.26	53
	Adamtilla(Thermal) (3*3) + CTPS(2*30)	69	0	**0.00**	0.00	0
	Baskandi(Thermal) (3*3.5+1*5)	15.5	0	**0.00**	0.00	0
	KLHEP(Hydro) (2*50)	100	85	**84.82**	1.99	83
	Mini Hydel(Champabati + Myntreng =4+3)	7	3	**2.36**	0.09	4
	Thermal (Total)	361	131	138.38	3.06	127
	Total Hydro	107	**87**	**87.18**	**2.08**	87
	Total Solar(Suryataap Solar)	5	**0**	**0.00**	**0.01**	0
	Total Wind	0	**0**	**0.00**	**0.00**	0
	Total Assam	**473**	218	**225.56**	5.15	214
MANIPUR	Thermal (Total)	0	0	0.00	0.00	0
	Total Hydro	0	0	0.00	0.00	0
	Total Micro Hydel	0.0	0	0.00	0.00	0
	Total Diesel	0.00	0	0.00	0.00	0
	Total Solar	0	0	0.00	0.00	0
	Total Wind	0	0	0.00	0.00	0
	Total Manipur	**0**	**0**	**0.00**	**0.00**	**0**
MEGHALAYA	UMIUM ST-I (4*9)	36	27	**0.00**	0.16	7
	UMIUM ST-II (2*10)	20	13	**0.00**	0.08	3
	UMIUM ST-III (2*30)	60	25	**24.00**	0.35	15
	UMIUM ST-IV (2*30)	60	59	**0.00**	0.45	19
	UMTRU (4*2.8)+ New UMTRU(2*20)	51.2	49	**42.00**	0.90	38
	SONAPANI (1*1.5)	1.5	1	**1.03**	0.02	1
	MLHEP (3*42)	126	126	**0.00**	1.88	78
	Private Generator	0	50	**0.00**	0.43	18
	Total Hydro	355	300	67.03	3.84	160
	Thermal (Total)	107	0	0.00	0.43	0
	Total Solar	0	0	**0.00**	0.00	0
	Total Wind	0	0	**0.00**	0.00	0
	Total Meghalaya	**462**	300	**67.03**	4.27	178
MIZORAM	BAIRABI (4X5.73)	22.92	0	0.00	0.00	0
	Total Hydro (Serlui B+Mini Hydro)	29.85	0	0.00	0.09	4
	Total Diesel	22.9	0	0.00	0.00	0
	Total Solar	0.00	0	0.00	0.00	0
	Total Wind	0	0	0.00	0.00	0
	Total Mizoram	**76**	0	0.00	0.09	4
NAGALAND	LIKHIMRO + Dulumroi (3*8+1.5)	26	20	**0.00**	0.52	22
	Total Hydro	26	**20**	**0.00**	**0.52**	22
	Total Solar	0	**0**	**0.00**	**0.00**	0
	Total Wind	0	**0**	**0.00**	**0.00**	0
	Total Nagaland	**26**	20	0.00	0.52	22
TRIPURA	ROKHIA(Thermal) (6x8+3x21)	111	56	**55.00**	1.32	55
	BARAMURA(Thermal) (1x7+2x5+2*21)	59.0	21	**21.00**	0.50	21
	Monarchak(Thermal)	101.0	49	**74.50**	1.64	68
	Gumati(Hydro) (3*5)	15	6	**4.00**	0.13	5
	Thermal (Total)	271	126	150.50	3.46	144
	Total Hydro	15	6	4.00	0.13	5
	Total Diesel	0	0	0.00	0.00	0
	Total Solar(Monarchak 5)	5	0	0.00	0.00	0
	Total Wind	0	0	0.00	0.00	0
	Total Tripura(including Monarchak)	**291**	132	**154.50**	3.59	150
Total State Control Area Generation		**1328**	**670**	**447.09**	**13.62**	**568**
Total State control area generation (excluding hydro)		**772.1**	**256.65**	**288.88**	**6.95**	**271**
Total regional entirties generation (excluding hydro)		**1403**	**779**	**753**	**21.19**	**741**
Total Regional generation (excluding Hydro)		**2175**	**1036**	**1042**	**28.14**	**1013**

IV. Total Hydro Generation:

Regional Entities Hydro	**860**	812	**365**	**12.54**	**523**
State Control Area Hydro	**533**	**413**	**158**	**6.67**	**278**
Total Regional Hydro	**1393**	**1225**	**523**	**19.21**	**800**
Infirm Generation in the Region (NTPC,BGTPP UNIT 2)	**250**	**0**	**128**	**0.00**	
Total Generation availability in the Region	**3567**	**2261**	**1693**	**47.4**	**1813.2**

V(A). Inter Regional Exchange [Import (-ve)/Export (+ve)] [Linkwise]

Element	Peak(19:00 Hrs) MW	Off Peak(03:00 Hrs) MW	Maximum Interchange (MW)		Energy (MU)		Net Energy
			Import	Export	Import	Export	MU
400 kV Binaguri-Bongaigaon I	-182	-170	-220	0	-3.86	0.00	-3.86
400 kV Binaguri-Bongaigaon II	-181	-170	-220	0	-3.87	0.00	-3.87
400 kV Alipurduar-Bongaigaon I	-122	-122	-165	0	-2.07	0.00	-2.07
400 kV Alipurduar-Bongaigaon II	-119	-117	-162	0	-2.55	0.00	-2.55
220 kV Alipurduar-Salakati I	-47	-43	-56	0	-0.93	0.00	-0.93
220 kV Alipurduar-Salakati II	-38	-43	-56	0	-0.93	0.00	-0.93
132 kV Rangia-Deothang / Salakati-Gelephu (India-	1	1	0	1	-1.58	0.00	-1.58
+/- 800 KV Biswanath charali - Agra	700	699	0	701	0.00	17.03	17.03
Total IR Exch	12	34	-880	702	-15.78	17.03	1.25

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ISGS/LT Schedule (MU)		Bilateral Schedule (MU)	Power Exchange Shdl (MU)	Wheeling (MU)
ER	Total	Through ER	Through ER	Through ER
	0.00	0.00	0.00	

Total IR Schedule (MU)		Total IR Actual (MU)		Net IR UI (MU)	
Through ER	Total	Through ER	Total	Through ER	Total
	-1.05				

VI. Frequency Profile <---------- % of Time Frequency ----------->

<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.00	0.57	6.04	55.37	82.05	11.64	0.80	0.00	0.00

<---------- Frequency (Hz) ---------->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)
50.14	14:01:50	49.70	19:36:20	49.99	0.033	0.055	50.072	49.820

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage(KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Bongaigaon	400	413	14:03	397	17:54	0.0	0.0	0.0	0.0
Balipara	400	418	14:03	401	17:54	0.0	0.0	0.0	0.0
Misa	400	424	14:03	404	17:54	0.0	0.0	1.4	0.0

VIII. Voltage profile 220 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage(KV)	Time	<198 kV	<208 kV	>235 kV	>245 kV
Salakati	220	226	11:16	216	18:13	0.0	0.0	0.0	0.0
Dimapur	220	222	14:03	213	17:54	0.0	0.0	0.0	0.0
Mariani	220	237	14:05	229	17:44	0.0	0.0	19.3	0.0
Misa	220	226	14:03	217	17:54	0.0	0.0	0.0	0.0

IX. Voltage profile 132 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage(KV)	Time	<110 kV	<120 kV	>135 kV	>145 kV
Jiribam	132	138	03:59	132	17:54	0.0	0.0	77.2	0.0
Haflong	132	134	04:04	129	17:55	0.0	0.0	0.0	0.0
Kahilipara	132	134	07:23	128	05:53	0.0	0.0	0.0	0.0
Aizawl	132	134	04:02	121	20:05	0.0	0.0	0.0	0.0
Kumarghat	132	135	03:58	128	17:54	0.0	0.0	0.0	0.0
Imphal	132	138	04:00	131	17:54	0.0	0.0	63.6	0.0
Khliehriat	132	137	21:55	132	17:54	0.0	0.0	57.0	0.0
Badarpur	132	138	21:55	133	17:28	0.0	0.0	87.3	0.0
Nirjuli	132	141	05:07	133	19:16	0.0	0.0	83.0	0.0

X. Reservior Parameters:

Name of Reservior	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m3/s)	Usage (m3/s)
Khandong	719.30	704.26	720.70	27.61	716.05	18.50	N/A	N/A
Kopili	609.60	597.24	609.45	98.20	606.70	78.50		
Loktak	769.00	767.95	769.11	250.00	768.75	250.00		
Umium	978.88	958.45	977.98	37.32	966.67	9.16		
Gumti	93.55	83.60	93.15	28.50	90.80	15.42		
Doyang	333.00	306.00	320.85	26.85	321.20	27.20		
Ranganadi	567.00	560.00	565.41	N/A	563.25	N/A		

*** N/A: Not Available**

XI. System Constraints:

NIL

XII. Grid Disturbance / Any Other Significant Event:

NIL

XIV. Synchronisation of new generating units :

NIL

XV. Synchronisation of new 132/220 / 400 / 765 KV lines and energising of bus / /substation :

NIL

XVI. Tripping of lines in pooling stations :

NIL

XVII. Complete generation loss in a generating station :

NIL

Report for :

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER

POWER SYSTEM OPERATION CORPORATION LIMITED.

SOUTHERN REGIONAL LOAD DESPATCH CENTRE

DAILY OPERATION REPORT

POWER SUPPLY POSITION IN SOUTHERN REGION **FOR 20-OCT-2017** DATE OF REPORTING : **21-OCT-2017 AT 06:00HRS**

1. REGIONAL AVAILABILITY

EVENING PEAK (19:00HRS)			NIGHT OFF-PEAK (03:00HRS)*			DAY ENERGY (MU)	
AVAILABILITY (MW)*	SHORTAGE (MW)#	FREQUENCY (Hz)	AVAILABILITY (MW)*	SHORTAGE (MW)#	FREQUENCY (Hz)	MET	SHORTAGE #
36227	14	49.99	26975	--	49.97	771.76	1.04

* MW Availabilty indicated above includes SR ISTS Loss. #Shortage is calculated at 50 Hz which is the sum of Load Shedding and Frequency Correction at 50 Hz.

2 A. STATE DEMAND (ENERGY - MU)

STATE	THERMAL	HYDRO	GAS/NAPTHA/ DIESEL	WIND	SOLAR	OTHERS	NET SCH (FROM GRID)	DRAWAL (FROM GRID)	AVAILABILITY	DEMAND MET	SHORTAGE #
AP	46.76	19.23	10.36	10.40	9.88	2.55	47.82	49.47	147.00	148.65	0.20
TELANGANA	64.56	24.26	0.00	0.07	10.14	5.31	51.23	51.95	155.57	156.29	0.21
KAR	48.06	13.70	0.00	8.65	4.71	6.67	50.75	51.15	132.54	132.94	0.24
KERALA	0.00	20.25	0.00	0.36	0.27	0.11	44.65	46.02	65.64	67.01	0.08
TN	43.90	17.33	8.31	37.30	7.71	18.15	127.72	127.19	260.42	259.89	0.30
PONDY	0.00	0.00	0.00	0.00	0.00	0.00	7.41	6.98	7.41	6.98	0.01
TOTAL	**203.28**	**94.77**	**18.67**	**56.78**	**32.71**	**32.79**	**329.58**	**332.76**	**768.58**	**771.76**	**1.04**

The accuracy of shortage computation depends on timely load shedding details furnished in the web directly by constitutents

2 B. STATE DEMAND (MW) & ENERGY FORECAST (MU)

STATE	19:00 HRS PEAK		03:00 HRS OFF-PEAK		DAY PEAK			DAY ENERGY (MU)	
	DEMAND MET	SHORTAGE #	DEMAND MET	SHORTAGE #	DEMAND MET	TIME	SHORTAGE#	FORECAST	DEVIATION FROM FORECAST (ACTUAL + LS - FORECAST)
AP	6677	3	5348	6	6775	12:00:00		146.00	2.65
TELANGANA	6705	3	5286	6	7233	14:35:00		152.00	4.29
KAR	6504	3	4530	5	6626	19:00		140.00	-7.06
KER	3402	1	2271	3	3420	18:30		66.01	1.00
TN	12622	5	9325	11	12747	19:00	5	240.18	19.71
PONDY	355	0	217	0	355	18.30		7.32	-0.34
SR ISTS LOSS	--	--	--	--	--	--	--	--	--
SR	36227	14	26975		36462	18:41	14	751.51	20.25

3. GENERATION :

STATION	INSTALLED CAPACITY(MW)	19:00HRS PEAK MW	03:00HRS OFF-PEAK MW	DAY PEAK		DAY ENERGY (MU)	AVG MW
				MW	HRS		
ANDHRA PRADESH							
Vijayawada TPS (6x210+1x500)	1760	725	536	756	19:34	14.79	616
Rayalaseema TPS (5x210)	1050	745	714	765	18:06	16.72	697
Krishnapatnam TPP (2*800)	1600	317	314	341	22:26	7.08	295
Hinduja (1*520)	1040	511	328	536	21:45	8.17	340
Total Thermal	5450	2298	1892	--	--	46.76	1948
Srisailam RB (7x110)	770	481	673	680	00:05	12.40	517
Lower Sileru (4x115)	460	291	--	301	00:13	3.65	152
Upper Sileru (4x60)	240	109	6	121	17:55	1.22	51
Other Hydro	278	71	59	--	--	1.96	82
Total Hydro	**1748**	**952**	**738**	**--**	**--**	**19.23**	**802**
Vijjeswaram Gas (2x33+1x34+1x112.5+1x59.5)	272	88	86	88	19:00	2.11	88
Reliance Energy Ltd.(1x140+1x80)	220	--	--	--	--	--	--
Jegrupadu (2x45.8+1x48.9+1x75.5)	216	95	105	107	07:28	2.43	101
Spectrum (1x46.8+2x46.1+1x68.88)	208	93	123	124	04:01	2.64	110
LANCO (2*115+1*125)	351	116	155	157	04:20	3.18	133
Vemegiri 1x233+1x137)	370	--	--	--	--	--	--
Jegrupadu Ext.	220	--	--	--	--	--	--
Konaseema (1x145+1x140+1x165)	450	--	--	--	--	--	--
Gauthami (2x145+1x174)	464	--	--	--	--	--	--
GMR(BRG) (1x237)	237	--	--	--	--	--	--
Other Gas/Naptha/Diesel	27	--	--	--	--	--	--
Total Gas/Naptha/Diesel	**3035**	**392**	**469**	**--**	**--**	**10.36**	**432**
Wind	**2013**	**93**	**699**	**699**	**03:00**	**10.40**	**433**
Solar	**980**	**--**	**--**	**--**	**--**	**9.88**	**412**
Others	**424**	**88**	**81**	**88**	**19:00**	**2.55**	**106**
Total AP	**13650**	**3823**	**3879**	**--**	**--**	**99.18**	**4133**

STATION	INSTALLED CAPACITY(MW)	19:00HRS PEAK MW	03:00HRS OFF-PEAK MW	DAY PEAK		DAY ENERGY (MU)	AVG MW
				MW	HRS		
TELANGANA							
Kothagundam TPS (4x60+4x120+2x250+1x500)	1720	596	463	626	20:08	27.40	1141
Kaktiya TPS (1x500+1x600)	1100	993	757	1020	18:26	8.83	368
Ramagundan B (1x62.5)	63	46	46	46	00:00	1.24	52
Singareni (2x600)	1200	1211	1194	1236	07:40	27.09	1129
Total Thermal	**4083**	**2846**	**2460**	**--**	**--**	**64.56**	**2690**
N'Sagar (1x110+7x100.8)	816	--	--	--	--	--	--
Srisailam LB (Gen) (6x150)	900	795	824	894	19:37	19.61	817
Srisailam LB (Pump)	900	--	--	--	--	--	--
Other Hydro	636	202	153	202	19:00	4.65	194
Total Hydro	**2352**	**997**	**977**	**--**	**--**	**24.26**	**1011**
Wind	**100**	**--**	**--**	**--**	**--**	**0.07**	**3**
Solar	**1322**	**--**	**--**	**--**	**--**	**10.14**	**423**
Others	**211**	**311**	**219**	**311**	**19:00**	**5.31**	**221**
Total TG	**8068**	**4154**	**3656**	**--**	**--**	**104.34**	**4348**
KARNATAKA							
Raichur TPS (7x210+1x250)	1720	958	869	1010	08:04	22.38	933
Bellary TPS (2x500+1x700)	1700	445	344	469	20:01	8.28	345
UPCL(IPP) (2x600)	1200	910	649	1033	20:33	16.91	705
Jindal (2x130+4x300)	1460	--	--	--	--	0.49	20
YTPS (1x800)	800	--	--	--	--	--	--
Total Thermal	**6880**	**2313**	**1862**	**--**	**--**	**48.06**	**2003**
Sharavathi (10x103.5)	1035	160	134	378	18:02	3.63	151
Nagjheri (1x135+5x150)	885	218	--	290	18:43	0.40	17
Varahi (4x115)	460	23	23	137	18:11	0.74	31
Other Hydro	1992	851	450	--	--	8.93	372
Total Hydro	**4372**	**1252**	**607**	**--**	**--**	**13.70**	**571**
Yelehanka Diesel (6x21.32)	128	--	--	--	--	--	--
Other Gas/Naptha/Diesel	118	--	--	--	--	--	--
Total Gas/Naptha/Diesel	**246**	**--**	**--**	**--**	**--**	**--**	**--**
Wind	**3245**	**380**	**479**	**912**	**23:41**	**8.65**	**360**
Solar	**342**	**--**	**--**	**--**	**--**	**4.71**	**196**
Others	**1041**	**109**	**117**	**117**	**03:00**	**6.67**	**278**
Total KAR	**16126**	**4054**	**3065**	**--**	**--**	**81.79**	**3408**
KERALA							
Iddukki (6x130)	780	327	101	454	21:34	4.45	186
Sabarigiri (1x60+4x55))	280	272	54	287	19:37	3.31	138
Lower Periyar (3x60)	180	163	52	164	18:08	2.04	85
Other Hydro	751	512	275	--	--	10.45	435
Total Hydro	**1991**	**1274**	**482**	**--**	**--**	**20.25**	**844**
Kayamkulam (2x116.6+1x126.38)	360	--	--	--	--	--	--
Reliance Energy (3x40.5+1x35.5)	157	--	--	--	--	--	--
Brahmapuram DPP (5x21.32))	107	--	--	--	--	--	--
Kozhikode DPP (8x16)	128	--	--	--	--	--	--
Other Gas/Naptha/Diesel	22	--	--	--	--	--	--
Total Gas/Naptha/Diesel	**774**	**--**	**--**	**--**	**--**	**--**	**--**
Wind	**35**	**--**	**--**	**--**	**--**	**0.36**	**15**
Solar	**13**	**--**	**--**	**--**	**--**	**0.27**	**11**
Others	**20**	**--**	**--**	**--**	**--**	**0.11**	**4**
Total KER	**2833**	**1274**	**482**	**--**	**--**	**20.99**	**874**

TAMILNADU							
Ennore TPS (2x60+3x110)	450	--	--	--	--	--	--
North Chennai TPS (3x210)	630	193	193	193	06:21	8.89	370
Tutucorin TPS (5x210)	1050	626	626	626	00:18	4.09	170
Mettur TPS (4x210+1x600)	1440	385	322	394	06:00	9.19	383
Neyveli-I (IPP) (6x50+3x100)	600	348	348	348	00:18	7.07	295
ST-CMS (1x250)	250	--	--	--	--	--	--
NCTPS STAGE-II (2x600)	1200	965	417	1009	20:26	14.66	611
Other Thermal	--	--	--	--	--	--	--
Total TN Thermal	**5620**	**2517**	**1906**	**--**	**--**	**43.90**	**1829**
Kadamparai (G) (4x100)	400	383	383	383	00:00	1.62	68
Kadamparai (P)	400	--	--	--	--	0.73	30
Other Hydro	1824	137	516	--	--	15.71	655
Total TN Hydro	**2224**	**520**	**899**	**--**	**--**	**17.33**	**723**
Basin Bridge (4x30)	120	--	--	--	--	--	--
Kovilkalappal (1x70+1x37.88)	108	33	31	35	18:22	0.76	32
Kuttalam (1x64+1x37)	101	47	50	50	00:18	1.09	45
Valattur(Stg 1&2) (2x60+1x35+1x32)	187	89	90	91	09:56	3.76	157
Samalpatty (7x15.1)	106	--	--	--	--	--	--
P P Nallur (1x330.5)	331	--	--	--	--	--	--
Madurai Power CL (1x106)	106	--	--	--	--	--	--
GMR Vasavi (4x49)	196	--	--	--	--	--	--
Other Gas/Naptha/Diesel	166	1063	1063	1063	19:00	2.70	113
Total Gas/Naptha/Diesel	**1421**	**1232**	**1234**	**--**	**--**	**8.31**	**347**
Wind	**7598**	**2294**	**1328**	**2786**	**22:26**	**37.30**	**1554**
Solar	**1590**	**--**	**--**	**--**	**--**	**7.71**	**321**
Others	**806**	**73**	**73**	**73**	**19:00**	**18.15**	**756**
Total TN	**19259**	**6636**	**5440**	**--**	**--**	**132.70**	**5530**
STATION	**INSTALLED CAPACITY(MW)**	**19:00HRS PEAK MW**	**03:00HRS OFF-PEAK MW**	**DAY PEAK**		**DAY ENERGY (MU)**	**AVG MW**
				MW	**HRS**		
CENTRAL SECTOR (ISGS)							
Ramagundam,NTPC (3x200+4x500)	2600	2391	1357	2426	18:42	50.61	2109
Neyveli TPS II (7x210)	1470	1084	786	1092	18:42	20.84	868
Neyveli TPS I (EXP) (2x210)	420	358	358	358	00:00	8.83	368
Madras APS (2x220)	440	395	385	444	09:11	9.01	375
Kaiga STGI (2x220)	440	378	371	385	18:53	9.54	398
Kaiga STG II (2x220)	440	400	401	405	13:57	9.84	410
Neyveli TPS II (EXP) (2x250)	500	401	401	401	00:00	1.93	80
Talcher II, NTPC (4x500)	2000	1407	1043	1429	19:51	32.25	1344
Simhadri II, NTPC (2x500)	1000	622	516	682	19:32	13.01	542
Kudankulam (2x1000)	2000	560	357	574	18:18	10.05	419
NTPC Kudgi (2x800)	2400	--	--	--	--	10.72	447
Simhadri I, NTPC (2x500)	1000	914	914	914	00:00	13.58	566
Total ISGS	**14710**	**8910**	**6889**	**--**	**--**	**190.21**	**7926**
JOINT VENTURE							
Vallur (3x500)	1500	959	959	959	00:00	14.74	614
NTPL (2x500)	1000	315	491	540	15:48	11.09	462
Total JV	**2500**	**1274**	**1450**	**--**	**--**	**25.83**	**1076**

IPP UNDER OPEN ACCESS							
LKPPL STG2 (1x233+1x133)	366	--	--	--	--	--	--
LKPPL STG3 (1x241.3+1x126.7)	732	--	--	--	--	--	--
SIMHAPURI (2x150)	600	--	--	--	--	--	--
MEENAKSHI (2x150)	300	133	133	133	00:00	3.78	158
COSTAL ENERGEN (2x600)	1200	550	550	550	19:00	6.60	275
TPCIL (2x660)	1320	1059	763	1248	00:00	22.95	956
IL&FS (2x600)	1200	494	367	494	19:00	20.88	870
SGPL (2x660)	1320	412	443	578	00:00	18.37	765
Total IPP	**7038**	**2648**	**2256**	**--**	**--**	**72.58**	**3024**

Total State Thermal	**29071**	**12622**	**10376**	**--**	**--**	**275.86**	**11494**
Total ISGS Thermal	**13890**	**8451**	**6825**	**--**	**--**	**177.60**	**7400**
Total Thermal	**42961**	**21073**	**17201**	**--**	**--**	**453.46**	**18894**
Total Hydro	**12687**	**4995**	**3703**	**--**	**--**	**94.77**	**3951**
***Total Gas/Naptha/Diesel**	**5476**	**1624**	**1703**	**--**	**--**	**18.67**	**779**
Total Nuclear	**3320**	**1733**	**1514**	**--**	**--**	**38.44**	**1602**
Total Wind	**12991**	**2767**	**2506**	**--**	**--**	**56.78**	**2365**
Total Solar	**4247**	**--**	**--**	**--**	**--**	**32.71**	**1363**
Total Others	**2502**	**581**	**490**	**--**	**--**	**32.79**	**1365**
Inter-regional (Except Talcher II)	**--**	**964**	**-441**	**--**	**--**	**75.55**	**3148**
Grand Total	**84184**	**33737**	**26676**	**--**	**--**	**771.76**	**32157**

** Total Gas/ naptha/Diesel includes pondy Karaikal Power Plant of 32.5 MW*

4 A. INTER-REGIONAL EXCHANGES & HVDC - PHYSICAL FLOWS [IMPORT(+)/EXPORT(-)]

ELEMENT	19:00 HRS PEAK MW	03:00 HRS OFF-PEAK MW	MAX INTER-CHANGE (MW)				ENERGY (MU)
			IMPORT	TIME	EXPORT	TIME	
Bhadrawati B2B	485	99	--	--	--	--	8.354
Gazuwaka B2B	303	301	454	00:18	--	--	7.324
Talcher-Kolar	1583	203	1585	21:25	--	--	26.919
Talcher Stage II I/C	176	-840	--	--	--	--	-5.326
Raichur-Solapur I & II	542	352	903	06:47	--	--	10.020
Upper Sileru-Balimela	--	--	--	--	--	--	0.000
CHIKODI-KOHLAPUR	0	0	--	--	--	--	0.000
KUDUGI-KOHLAPUR	-425	-330	573	19:35	--	--	-8.430
SRIKAKULAM-ANGUL	702	555	--	--	--	--	16.380
NIZAMABAD-WARDHA	1025	1022	--	--	--	--	21.087

4 B. INTER-REGIONAL EXCHANGES - SCHEDULES, WHEELING, UI & TALCHER AC I/C

ISGS Schedule		Bilaterals of SR constituents		Power Exchange		Wheeling through SR		Diversion of SR power		IR Schedule		Net UI		Inter-Regional	
Talcher Stage II to SR	ER ISGS	Through ER	Through WR	Through ER	Through WR	ER to SR	WR to SR	Through ER	Through WR	ER to SR	WR to SR	ER to SR	WR to SR	Schedule (Total)	Flow (Total)
28.472	1.040	-2.652	-0.238	-5.224	-0.635	0.000	0.000	0.000	0.000	6.392	45.713	11.986	-14.682	52.105	49.409

5. FREQUENCY PROFILE

% OF TIME									
RANGE	<48.8 Hz	<49.0 Hz	<49.2 Hz	<49.5 Hz	<49.7 Hz	<49.9 Hz	49.9 Hz To 50.05 Hz	>50 Hz	>50.05 Hz
%	0.0	0.0	0.0	0.0	0.0	6.0	82.0	41.4	11.9

Instantenous Maximum		Instantenous Minimum		Block Maximum		Block Minimum		Day Avg	Frequency Variation Index	Std. Var.
Hz	TIME	Hz	TIME	Hz	TIME	Hz	TIME	Hz		
50.14	14:01:50	49.70	19:36:20	50.07	14:15	49.82	19:45	49.99	0.033	0.055

6. SHORT TERM OPEN ACCESS TRANSACTION

WHEELING			BILATERAL			
NAME OF THE TRANSACTION	ER END	WR END	NAME OF THE TRANSACTION	MU	PEAK (MW)	OFF-PEAK (MW)
			APPCC-BSPHCL(MANIKARAN)(154.5MW)(SR-ER)	3.708	154.500	154.500
			APPCC-HPCL_MR(NVVN)(9.9MW)(SR-WR)	0.238	9.900	9.900
			ITCWIND-ITCPSPD(ITCLTDWIND)(4.3MW)(SR-SR)	0.103	4.300	4.300
			BMMCEMENT-SAGARCEM(SAGARCEMNT)(7MW)(SR-SR)	0.142	7.000	7.000
			ITCWIND-ITCLTDBIAL(ITCLTDWIND)(0.5MW)(SR-SR)	0.011	0.500	0.500
			APTRANSCO TOTAL EXPORT	**4.202**		
			MEENAKSHI-IPCL(IPCL)(0MW)(SR-ER)	0.000	0.000	0.000
			SITAPURPOW-ZUARICEMEN(SITAPURLTD)(17.12MW)(SR-SR)	0.411	17.120	17.120
			PENNACEM-PENNATALAR(PENNACPP)(5MW)(SR-SR)	0.112	5.000	5.000
			PENNACEM-PENNABOYYA(PENNACPP)(10.4MW)(SR-SR)	0.157	10.400	10.400
			MYHOMEIND-JAYAJOTHI(MYHOME)(12MW)(SR-SR)	0.288	12.000	12.000
			DALCEMKAR-DALCEMAP(ARPPCPL)(12.5MW)(SR-SR)	0.234	12.500	12.500
			SGPLNLR-APPCC(GMRETL)(298.58MW)(SR-SR)	7.166	298.580	298.580
			DALCEMTN-DALCEMAP(MANIKARAN)(10MW)(SR-SR)	0.155	10.000	10.000
			APTRANSCO TOTAL IMPORT	**8.523**		
			SITAPURPOW-ZUARICEMEN(SITAPURLTD)(17.12MW)(SR-SR)	0.411	17.120	17.120
			PENNACEM-PENNATALAR(PENNACPP)(5MW)(SR-SR)	0.112	5.000	5.000
			PENNACEM-PENNABOYYA(PENNACPP)(10.4MW)(SR-SR)	0.157	10.400	10.400
			MYHOMEIND-JAYAJOTHI(MYHOME)(12MW)(SR-SR)	0.288	12.000	12.000
			TGTRANSCO TOTAL EXPORT	**0.968**		
			DVC-TGPCC(NVVN)(133.5MW)(ER-SR)	1.914	133.500	133.500
			ITCWIND-ITCPSPD(ITCLTDWIND)(4.3MW)(SR-SR)	0.103	4.300	4.300
			SGPLNLR-TSSPDCL(SGPLNLR)(202MW)(SR-SR)	3.525	202.000	202.000
			BMMCEMENT-SAGARCEM(SAGARCEMNT)(7MW)(SR-SR)	0.142	7.000	7.000
			TGTRANSCO TOTAL IMPORT	**5.684**		
			DALCEMKAR-DALCEMAP(ARPPCPL)(12.5MW)(SR-SR)	0.234	12.500	12.500
			KPTCL TOTAL EXPORT	**0.234**		
			ITCWIND-ITCLTDBIAL(ITCLTDWIND)(0.5MW)(SR-SR)	0.011	0.500	0.500
			KPTCL TOTAL IMPORT	**0.011**		
			KSEB TOTAL EXPORT	**0.000**		
			KSEB TOTAL IMPORT	**0.000**		
			DALCEMTN-DALCEMAP(MANIKARAN)(10MW)(SR-SR)	0.155	10.000	10.000
			TNEB TOTAL EXPORT	**0.155**		
			NSPCL-SAILSLM(SAILSSP)(13.5MW)(ER-SR)	0.324	13.500	13.500
			SGPLNLR-TANGEDCO(PXIL)(300MW)(SR-SR)	7.200	300.000	300.000
			TNEB TOTAL IMPORT	**7.524**		
			GOA TOTAL EXPORT	**0.000**		
			GOA TOTAL IMPORT	**0.000**		
			LKPPL TOTAL EXPORT	**0.000**		

7. VOLTAGE LEVEL AT CRITICAL SUB STATION

SUBSTATION	% OF TIME (Minute Wise)				400 KV (Hourly)				220 KV / 230 KV (Hourly)			
	<380 KV	<390 KV	>420 KV	>430 KV	MAXIMUM		MINIMUM		MAXIMUM		MINIMUM	
					KV	TIME	KV	TIME	KV	TIME	KV	TIME
HYDERABAD	0.00	0.00	22.78	0.00	423	0201	410	1114	239	0201	222	0949
GOOTY	0.00	0.00	37.78	0.00	428	0201	411	1038	244	0219	230	1212
VIJAYWADA	0.00	0.00	84.79	0.21	430	0136	417	1209	234	0130	226	1229
KOLAR	0.00	0.00	23.26	0.00	429	0202	396	1140	235	0200	217	1034
BANGALORE	0.00	0.00	8.82	0.00	422	0201	392	1038	223	0218	205	1038
HIRIYUR	0.00	0.00	70.14	6.32	431	0202	412	1038	242	0202	228	1038
CHENNAI	0.00	0.00	19.03	0.00	423	0257	408	1036	231	0256	221	1048
TRICHY	0.00	0.00	0.00	0.00	414	0219	396	1033	234	0201	219	0951
TRIVENDRAM	0.00	0.00	19.17	0.00	425	0257	399	1822	235	0329	219	1845
KAIGA	0.00	0.00	26.46	0.00	424	0202	408	1038	235	0201	224	1010
KUDANKULAM	0.00	0.00	21.53	0.00	425	0256	405	1805	241	0247	228	1806

8. MAJOR RESERVOIR PARTICULARS

RESERVOIR	DESIGNED			PRESENT		LAST YEAR		LAST DAY		MONTH	
	MDDL (Mts)	FRL (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Inflow (Mus)	Usage (Mus)	Prog. Inflow (Mus)	Prog. Usage (Mus)
JALAPUT	818.39	838.40	534	837.65	506	837.61	504	0.00	1.25	75.98	23.72
SRISAILAM	243.84	270.70	1392	269.53	1005	268.56	907	25.53	35.93	974.52	451.06
N.SAGAR	149.30	179.90	1398	173.58	680	164.81	320	38.25	0.00	700.64	0.00
LINGANAMAKKI	522.73	554.50	4557	548.40	2823	547.60	2637	7.50	3.54	153.92	89.31
SUPA	495.00	564.00	3159	549.30	1939	547.34	1802	2.62	0.59	67.25	41.50
IDUKKI	694.94	732.43	2148	733.52	1413	716.01	989	5.95	2.12	153.51	68.21
KAKKI	908.30	981.45	916	974.25	661	969.23	529	2.38	1.13	89.30	39.27
NILAGIRIS	--	--	1504	--	1026	--	714	2.59	1.45	71.94	55.27
TOTAL	--	--	15608	--	10053	--	8402	84.82	46.01	2287.06	768.34

Note: The Reservoirs data are of previous day and Cumulative figures for the month is upto previous day

9. DETAILS OF OVER DRAWAL OVER A DAY WHEN FREQUENCY < 49.9 HZ

CONSTITUENTS	AP	TG	KARNATAKA	KERALA	TAMILNADU	PONDY
AVERAGE MW (F<49.9)	4.42	0.00	0.00	52.11	6.65	26.34
OD MU'S (F<49.9)	0.00	0.00	0.00	0.04	0.00	0.01
OD NO OF BLOCK(F<49.9)	1	0	0	3	1	2

GENERATOR	NLCII	NLCEXPI	RSTP	SEPL	LANCO	MEPL
AVERAGE MW (F<49.9)	0.00	0.00	0.00	0.00	0.00	0.00
Under Injection MU'S (F<49.9)	0.00	0.00	0.00	0.00	0.00	0.00
Under Injection NO OF BLOCK(F<49.9)	0	0	0	0	0	0

10. SIGNIFICANT EVENTS (IF ANY) :

11. SYSTEM CONSTRAINTS (IF ANY) :

12. WEATHER CONDITIONS: