National Load Despatch Centre
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
CIN No.: U40105DL2009GOI188682
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report Date: 06th Nov 2020

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यपालक निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली – 110016
   Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई – 400093
   Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग – 793006
   Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु – 560009
   Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 26th Oct-2020 to 01st Nov-2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 26 अक्टूबर -2020 से 01 नवंबर-2020, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उप्लब्ध है :-

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 26th Oct-2020 to 01st Nov-2020. is available at the NLDC website.

Thanking You.

Yours faithfully,

Sr. DGM(SO)

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (26 अक्टूबर 2020 से 01 नवंबर 2020 तक) **रिपोर्टिंग तिथि:-** **6-Nov-20**

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

क्षेत्र	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
दिनांक	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	आधिकतम कमी (मे०वा०)
26-10-2020	46513		48659		36825		17231		2436	12	151664	12
27-10-2020	46193	370	50162		39488	60	18477		2671	7	156991	437
28-10-2020	46782	17	49848		40200		19092		2755	8	158677	25
29-10-2020	45662	250	50561		39322		19810		2787	9	158142	259
30-10-2020	45610	728	49475		39985		19624		2759	12	157453	740
31-10-2020	45315		49917		39867		20270	97	2652	20	158021	117
01-11-2020	42791	240	47273		36847		20700		2589	13	150200	253

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)
26-10-2020	952	133	1129	23	806	118	370	96	43	25	3300	395
27-10-2020	961	126	1156	26	867	132	368	94	46	24	3399	401
28-10-2020	960	130	1166	24	887	137	375	83	49	21	3437	395
29-10-2020	951	125	1174	29	885	140	383	79	50	20	3443	393
30-10-2020	950	120	1168	26	906	146	385	78	50	20	3460	389
31-10-2020	950	117	1165	30	913	138	402	77	48	19	3477	382
01-11-2020	897	121	1130	23	866	118	398	78	45	17	3336	357

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड
26-10-2020	0.51	0.51	80.29	19.20	50.02	0.020
27-10-2020	6.42	6.83	78.51	14.66	50.00	0.032
28-10-2020	7.21	7.58	80.25	12.16	50.00	0.034
29-10-2020	8.06	8.30	82.40	9.31	49.98	0.035
30-10-2020	9.03	9.28	82.72	8.00	49.98	0.036
31-10-2020	4.20	4.20	83.99	11.81	50.00	0.025
01-11-2020	2.43	2.43	82.55	15.02	50.01	0.021

***NEW & SR grid running in synchronisation.**

4. NEW ELEMENTS COMMISSIONED

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	26-10-2020		27-10-2020		28-10-2020		29-10-2020		30-10-2020		31-10-2020		01-11-2020	
	States	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	5658	0	5833	0	5546	0	5642	0	5870	0	5811	0	5663	0
	Haryana	6295	0	6231	0	6411	0	6116	0	6097	0	5892	0	5218	0
	Rajasthan	12018	0	12100	0	12215	0	12465	0	12645	0	12571	0	12301	0
	Delhi	3570	0	3515	0	3511	0	3474	0	3503	0	3229	0	3114	0
	UP	15691	0	15078	370	15435	10	14820	250	15145	290	14986	0	14562	240
	Uttarakhand	1753	0	1806	0	1770	0	1801	0	1779	0	1817	0	1593	0
	HP	1503	0	1499	0	1530	10	1510	0	1556	0	1498	0	1430	0
	J&K	2258	0	2525	0	2543	0	2215	0	2414	0	2830	0	2393	0
	Chandigarh	180	0	182	0	183	0	176	0	178	0	173	0	152	0
WR	Chhattisgarh	3466	0	3548	0	3470	0	3610	0	3485	0	3332	0	3434	0
	Gujarat	16019	0	15906	0	15902	0	16369	0	16146	0	16435	0	15208	0
	MP	11813	0	11957	0	12226	0	12429	0	12760	0	12760	0	12770	0
	Maharashtra	18940	0	19311	0	19254	0	19407	0	19006	0	19193	0	18373	0
	Goa	527	0	487	0	460	0	418	0	491	0	509	0	424	0
	DD	335	0	344	0	344	0	345	0	342	0	336	0	305	0
	DNH	773	0	776	0	782	0	789	0	803	0	789	0	748	0
	Essar steel	781	0	777	0	794	0	749	0	801	0	763	0	852	0
SR	Andhra Pradesh	7558	0	8097	0	8003	0	8128	0	8315	0	8820	0	8660	0
	Telangana	6985	0	7470	0	7392	0	7382	0	7615	0	7412	0	6984	0
	Karnataka	6902	0	7788	0	8632	0	8697	0	9180	0	9461	0	8625	0
	Kerala	3404	0	3382	60	3538	0	3541	0	3589	0	3504	0	3278	0
	Tamil Nadu	13418	0	14563	0	14564	0	14463	0	14556	0	14562	0	13548	0
	Pondy	366	0	375	0	373	0	371	0	376	0	370	0	338	0
ER	Bihar	4506	0	4604	0	4686	0	4775	0	4827	0	4791	0	4843	0
	DVC	2724	0	3745	0	3700	0	3694	0	3016	0	3137	0	3303	0
	Jharkhand	1368	0	1345	0	1423	0	1372	0	1248	0	1401	0	1465	0
	Odisha	3898	0	4118	0	4169	0	4199	0	4160	0	4513	0	4610	0
	West Bengal	6020	0	6415	0	7031	0	7598	0	7396	0	7599	0	7169	0
	Sikkim	56	0	71	0	79	0	93	0	88	0	92	0	87	0
NER	Arunachal Pradesh	114	1	114	1	113	1	113	1	113	1	116	2	112	1
	Assam	1468	5	1655	6	1757	7	1759	6	1727	6	1710	5	1661	10
	Manipur	208	1	204	2	202	2	209	0	203	1	183	2	191	1
	Meghalaya	317	0	329	0	315	0	338	0	330	0	328	0	331	2
	Mizoram	99	1	102	2	99	2	98	1	100	0	100	0	95	0
	Nagaland	130	2	139	1	134	2	132	2	134	2	149	2	140	1
	Tripura	269	1	274	2	280	1	288	3	283	2	246	1	243	3

6. Energy Consumption in States (MUs)

Region	States	26-10-2020	27-10-2020	28-10-2020	29-10-2020	30-10-2020	31-10-2020	01-11-2020
NR	Punjab	113.5	118.8	116.9	114.3	115.7	114.7	105.9
	Haryana	130.7	136.5	133.7	131.3	129.8	128.0	115.0
	Rajasthan	238.1	241.4	242.4	242.3	241.5	242.6	236.2
	Delhi	70.1	68.2	66.6	66.7	65.8	63.2	59.5
	UP	290.6	289.2	285.1	282.9	282.3	279.1	273.2
	Uttarakhand	33.8	27.4	35.4	35.8	36.0	36.1	31.5
	HP	28.0	29.1	29.4	29.5	30.0	29.3	27.2
	J&K	44.7	47.6	47.3	45.6	45.4	54.4	46.2
	Chandigarh	3.1	3.1	3.1	3.1	3.1	3.0	2.7
WR	Chhattisgarh	77.8	77.0	78.5	77.0	76.0	73.7	72.8
	Gujarat	347.0	351.2	350.8	357.4	355.7	353.6	337.7
	MP	247.7	252.5	255.8	259.5	263.1	262.5	259.2
	Maharashtra	407.3	424.0	428.7	427.6	421.2	421.2	408.9
	Goa	9.2	9.4	9.7	9.4	9.5	10.4	9.6
	DD	6.4	7.5	7.7	7.7	7.7	7.6	6.7
	DNH	16.5	17.9	18.0	18.1	18.4	18.3	17.5
	Essar steel	17.2	16.8	16.7	17.0	16.7	17.2	17.3
SR	Andhra Pradesh	165.1	171.3	172.2	170.9	175.0	178.9	177.5
	Telangana	143.8	153.4	157.3	156.3	158.8	156.3	149.6
	Karnataka	136.0	152.8	163.2	166.9	175.4	179.3	167.9
	Kerala	67.9	70.5	71.5	71.6	72.4	72.6	67.1
	Tamil Nadu	285.5	311.0	315.4	311.5	317.0	318.2	296.8
	Pondy	7.2	7.6	7.6	7.6	7.5	7.8	7.2
ER	Bihar	81.8	80.4	83.2	79.2	80.8	82.2	83.3
	DVC	57.9	61.1	62.3	64.0	64.4	63.2	62.3
	Jharkhand	24.3	25.5	24.8	25.0	25.4	27.5	26.4
	Odisha	85.2	79.8	76.9	76.1	78.3	85.3	88.3
	West Bengal	120.3	120.8	126.5	137.1	135.3	142.0	136.4
	Sikkim	0.7	0.9	1.1	1.2	1.3	1.3	1.1
NER	Arunachal Pradesh	2.1	2.2	2.2	2.1	2.2	2.2	2.0
	Assam	23.6	26.9	29.6	30.9	30.7	29.6	27.3
	Manipur	2.7	2.6	2.9	2.6	2.6	2.5	2.6
	Meghalaya	5.9	5.8	5.8	5.7	5.8	5.8	5.6
	Mizoram	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Nagaland	2.3	2.3	2.4	2.3	2.4	2.4	2.4
	Tripura	4.6	4.7	4.7	5.1	5.2	3.8	4.1
ALL INDIA TOTAL		**3299.9**	**3398.6**	**3437.0**	**3442.7**	**3459.9**	**3477.0**	**3336.4**

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (26 अक्टूबर 2020 से 01 नवंबर 2020 तक)

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)]

दिनांक	26-10-2020	27-10-2020	28-10-2020	29-10-2020	30-10-2020	31-10-2020	01-11-2020
East to North	-101.8	-109.4	-98.9	-95.9	-92.5	-90.7	-79.0
East to West	5.5	0.1	4.0	1.1	7.8	8.2	20.7
East to South	-82.2	-88.3	-87.3	-85.0	-84.4	-85.7	-83.6
East to North-East	-4.1	-4.7	-7.8	-10.9	-11.5	-9.8	-13.9
North-East to North	-17.0	-13.2	-12.1	-12.2	-12.1	-12.2	-17.0
West to North	-184.7	-198.3	-207.2	-218.5	-229.6	-224.4	-181.3
West to South	-65.2	-75.7	-74.5	-74.7	-74.9	-80.7	-54.9

भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH

साप्ताहिक रिपोर्ट (26 अक्टूबर 2020 से 01 नवंबर 2020 तक)

दिनांक Date	भूटान BHUTAN		नेपाल NEPAL			बांग्लादेश BANGLADESH		
	Energy Exchange	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)
26-10-2020	34.5	1437	0.3	-50	11	-25.2	-1075	-1052
27-10-2020	31.8	1323	0.1	-32	5	-25.8	-1111	-1075
28-10-2020	24.8	1033	-0.4	-151	-15	-26.0	-1109	-1085
29-10-2020	23.0	957	-0.7	-232	-29	-25.8	-1116	-1074
30-10-2020	21.9	913	-1.5	-208	-61	-25.6	-1113	-1068
31-10-2020	21.8	908	-0.6	-209	-27	-25.1	-1063	-1047
01-11-2020	23.6	983	-0.8	-232	-33	-25.0	-1061	-1041
कुल Total	**181.3**		**-3.6**			**-178.6**		

8). Major Grid Incidences (Provisional):-

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event *(As reported)*	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time	Time				
1	NR	1)220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 2)220 KV Sitarganj(PG)-CBGanj(UP) (PG) Ckt-1 3)220 KV Tanakpur(NH)-CBGanj(UP) (PG) Ckt-1	POWERGRID,NHPC,UP	25-Oct-20	06:23	25-Oct-20	08:30	02:07	As reported, 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 & 220 KV Sitarganj(PG)-CBGanj(UP) (PG) Ckt-1 tripped due to blackout at CBGanj(UP) substation. At the same time, 220 KV Tanakpur(NH)-CBGanj(UP) (PG) Ckt-1 also tripped on earth fault. As per PMU, B-N fault is observed followed by three phase fault. In antecedent condition 220 KV Tanakpur(NH)-Sitarganj(PG) (PG) Ckt-1 & 220 KV Sitarganj(PG)-CBGanj(UP) (PG) Ckt-1 & 220 KV Tanakpur(NH)-CBGanj(UP) (PG) Ckt-1 carrying 50MW, 24MW & 4MW respectively.	0	0	**GI-2**
2	NR	1)400 KV Alaknanda GVK(UPC)-Muzaffarnagar (UP) Ckt-1 2)400 KV Meerut(PG)-Muzaffarnagar(UP) (PG) Ckt-1 3)400KV Bus 2 at Muzaffarnagar(UP) 4)400 KV Roorkee(PG)-Muzaffarnagar(UP) (PG) Ckt-1 5)400/220 kV 315 MVA ICT 2 at Muzaffarnagar(UP)	POWERGRID, UPPTCL	26-Oct-20	14:05	26-Oct-20	15:30	01:25	As reported, 400 KV Roorkee(PG)-Muzaffarnagar(UP) (PG) Ckt-1, 400 KV Meerut(PG)-Muzaffarnagar(UP) (PG) Ckt-1, 400 KV Alaknanda GVK(UPC)-Muzaffarnagar (UP) Ckt-1, 400KV Bus 2 at Muzaffarnagar(UP) & 400/220 kV 315 MVA ICT 2 at Muzaffarnagar(UP) all tripped due to LBB operated due to fault occured on 400 KV Roorkee(PG)-Muzaffarnagar(UP) (PG) Ckt-1. As per PMU, B-N fault is observed. In antecedent condition 400 KV Roorkee(PG)-Muzaffarnagar(UP) (PG) Ckt-1, 400 KV Meerut(PG)-Muzaffarnagar(UP) (PG) Ckt-1, 400 KV Alaknanda GVK(UPC)-Muzaffarnagar (UP) Ckt-1 & 400/220 kV 315 MVA ICT 2 at Muzaffarnagar(UP) carrying 49MW, 365MW, 130MW & 113MW respectively.	0	200	**GD-1**
3	NR	1)800 KV HVDC Kurukshetra(PG) Pole-03 2)800 KV HVDC Kurukshetra(PG) Pole-4	POWERGRID	27-Oct-20	09:06	27-Oct-20	10:58	01:52	As reported, 800 KV HVDC Kurukshetra(PG) Pole 3&4 tripped at 09:06Hrs from Champa end. Both Pole 3&4 also tripped at 12:36Hrs due to pole blocked due to filter power limit protection operated at champa end. As per PMU, Y-N fault is observed at 09:06Hrs and Y-B fault is observed at 12:36Hrs. In antecedent condition 800 KV HVDC Kurukshetra(PG) Pole 3&4 each carrying 400MW at 09:06Hrs and approx 715MW at 12:36Hrs	0	0	**GI-2**
4	NR	1)220 KV Bairasiul(NH)-Jessore(HP) (PG) Ckt-1 2)220 KV Bairasiul(NH)-Pong(BB) (PG) Ckt-1	POWERGRID	29-Oct-20	01:50	29-Oct-20	09:49	07:59	As reported, 220 KV Bairasiul(NH)-Jessore(HP) (PG) Ckt-1 & 220 KV Bairasiul(NH)-Pong(BB) (PG) Ckt-1 tripped due to over voltage. As per PMU, no fault is observed. In antecedent condition, 220 KV Bairasiul(NH)-Jessore(HP) (PG) Ckt-1 & 220 KV Bairasiul(NH)-Pong(BB) (PG) Ckt-1 carrying 9MW & 10MW respectively.	0	0	**GI-2**
5	NR	1)400KV Bus 2 at Koteswar(TH) 2)400 KV Koteswar(TH)-Koteshwar(PG) (PG) Ckt-2 3)400 KV Koteswar(TH)-Koteshwar(PG) (PG) Ckt-1 4)125 MVAR Bus Reactor No 1 at 400KV Koteswar(TH) 5)100 MW Koteshwar HPS - UNIT 2	POWERGRID, THDC	30-Oct-20	12:23	30-Oct-20	13:20	00:57	As reported, 400KV Bus 2 at Koteswar(TH) tripped due to bur bar protection operation. At the same time, 400 KV Koteswar(TH)-Koteshwar(PG) (PG) Ckt-1 & Ckt-2, 125 MVAR Bus Reactor No 1 at 400KV Koteswar(TH) & 100 MW Koteshwar HPS - UNIT 2 also tripped on same reason. As per PMU, no fault is observed. In antecedent condition, 400 KV Koteswar(TH)-Koteshwar(PG) (PG) Ckt-1 & Ckt-2, 125 MVAR Bus Reactor No 1 at 400KV Koteswar(TH) & 100 MW Koteshwar HPS - UNIT 2 carrying 33MW, 32MW, 114MVAR & 69MW respectively.	69	0	**GD-1**
6	NR	1)400 KV Aligarh-Sikandrabad (UP) Ckt-1 2)400 KV Panki-Aligarh (UP) Ckt-1	UPPTCL	30-Oct-20	23:23	31-Oct-20	00:33	01:10	As reported, 400 KV Aligarh-Sikandrabad (UP) Ckt-1 tripped due to R-N Phase to earth fault. At the same time, 400 KV Panki-Aligarh (UP) Ckt-1 also tripped from Panki end only on R-N fault. As per PMU, B-N phase to earth fault is observed. In antecedent condition, 400 KV Aligarh-Sikandrabad (UP) Ckt-1 & 400 KV Panki-Aligarh (UP) Ckt-1 carrying 38MW & 121MW respectively.	0	0	**GI-2**
7	NR	1)800 KV HVDC Kurukshetra(PG) Pole-03 2)800 KV HVDC Kurukshetra(PG) Pole-1	POWERGRID	31-Oct-20	16:47	31-Oct-20	18:04	01:17	As reported, 800 KV HVDC Kurukshetra(PG) Pole 1&3 tripped at 16:47Hrs due to VESDA protection operated in Pole 1 at Champa. As per PMU, no fault is observed. In antecedent condition, 800KV HVDC Kurukshetra(PG) Pole 1&3 carrying 412 & 425 respectively	0	0	**GI-2**
8	WR	Tripping of 1.220 kV Tivim-Mapusa 1 2.220 kV Tivim-Mapusa 2 3.110 kV Tivim-Ponda 2	Goa	25-Oct-20	14:03	25-Oct-20	15:54	01:51	220kV Mapusa-Tivim 2 tripped on B phase differential earth fault protection at Mapusa end only. At the same time 220kV Mapusa-Tivim 1 also tripped at Mapusa end only without any relay indication. 110 kV Tivim-Ponda 2 which was the only source feeding Tivim, tripped on over current protection operation at Ponda end only. 110 kV Tivim-Ponda 1 CB opened at Ponda end and the infeed to 110 kV Kadamba through T point became dead. With these trippings, 220 kV Tivim substation blacked out.	Nil	130	**GD-1**
9	WR	Tripping of 1.220 kV Ponda-Xeldem 2.220/110 kV Ponda ICTs 1,2&3 3.220 kV Ponda-Amona 1 4.220 kV Ponda-Mapusa 5.110 kV Ponda-Verna	Goa	26-Oct-20	13:01	26-Oct-20	13:14	00:13	At 12:34 Hrs, 220kV Ponda -Xeldem radial line was manually tripped at Ponda S/S due to break out of fire in scada control room. At 12:40 Hrs, 220/110 kV 100 MVA ICTs 1,2 &3 at Ponda and 110 kV Ponda-Verna were manually tripped for safety purpose. At 13:01 hrs, 220 kV Ponda-Amona 1,2&3 and 220 kV Ponda-Mapusa were manually tripped at Ponda S/S . With these H/T 220 kV Ponda went blackout. 220 kV Ponda-Ambewadi is out of service due to reconfiguration of 220 kV Ponda-Ambewadi and Xeldem-Ambewadi at location TLN.230	Nil	180	**GD-1**
10	WR	Tripping of 1.220 kV Satna(MP)-Kotar 2.220 kV Satna(MP)-Chhatarpur 3.220 kV Satna(MP)-Satna(PG) 1,2&3 4.220/132kV Satna(MP) ICTs 1,2&3	MPPTCL	28-Oct-20	19:57	28-Oct-20	20:23	00:26	At 220 kV Satna(MP) substation , R phase CT of 220 kV Satna (PG) 1 blasted and resulted in tripping of all the elements connected to 220 kV Bus 1&2. As the bus bar protection was out of service, the 220 kV lines tripped on backup protection operation. 220 kV side B phase CT Post insulator of 220/132 kV Satna(MP) ICT 2 got damaged and it tripped on R-Y-B phase differential protection operation. 132 kV Kotar-Rampur Baghelan tripped at Rampur baghelan end on Over current protection operation. 132 kV feeders at Satna(MP) were hand tripped due to source failure . With all these trippings, 220 kV Satna(MP) S/s became dark.	Nil	429	**GD-1**
11	SR	i. 220kV Jurala - Veltoor ii. 220kV Lower Jurala-Veltoor iii. 220kV Lower Jurala - Jurala-1,2,3	TSGENCO	31-Oct-20	04:23	31-Oct-20	05:05	00:42	Complete outage of 220kV Jurala station of TSGENCO: Triggering incident was jumper cut in 220kV Jurala-Veltoor line. At the same time 220kV Lower Jurala- Veltoor, 220kV Lower Jurala- Jurala lines-1, 2 & 3 tripped. Running units at Jurala tripped due to loss of evacuating lines resulting in complete outage of Jurala station. Details are awaited.	200	---	**GD-1**
12	SR	i. 220kV Narendra - Bidnal ii. 220kV Narendra - Hubli-1&2 iii. 220kV Narendra - Kanaburgi-1&2 iv. 220/110kV, 100MVA ICT-1&2	KPTCL	31-Oct-20	23:47	1-Nov-20	01:28	01:41	Complete outage of 220kV Narendra station of KPTCL: Triggering incident was CT Blast in Bus-coupler Bay at 220kV Narendra SS. All connected elements at 220kV Narendra station tripped on Bus bar protection resulting in complete outage of the station. Details awaited.	---	40	**GD-1**
13	SR	i. 400kV KKNPP - Tirunelvelli-2 ii. 230kV Kudankulam - TTPS iii. 230kV TTPS - Kayathar line-1 iv. Unit#1&2 at TTPS.	TANTRANSCO / NPCIL	30-Oct-20	17:40	30-Oct-20	19:11	01:31	Multiple Tripping in 230kV/110kV TTN Auto SS of TANTRANSCO and 400kV/230kV Kudankulam Nuclear Power Plant (KKNPP) of NPCIL: Triggering incident was tripping of 400kV Tirunelvelli - Kudankulam line on power swing protection. After tripping of 400kV Tirunelvelli - KKNPP line, 230kV KKNPP - Kayathar line tripped on B-N fault due to jumper cut. Subsequently , bus sectionalizer of Bus-1 tripped on over current protection and all connected elements tripped. TTPS Unit#1 and 2 also tripped during the event.	420	---	**GI-1**
14	ER	400 kV Teesta V - Rangpo - 1 220 kV Jorethang - New Melli D/C Jorethang unit 1	ISTS	30-Oct-20	13:15	30-Oct-20	13:24	00:09	At 13:15 hrs on 30-10-2020, 400 kV TEESTA V - Rangpo line- 1 tripped. At the same time, 220 kV Jorethang- New Melli D/C tripped at Jorethang end only resulting in total power failure at Jorethang HEP.	48	0	**GD-1**
15	NER	132 kV Imphal (Yurembam) - Karong line and 132 kV Kohima - Karong line.	MSPCL & DoP, Nagaland	24-Oct-20	09:08	24-Oct-20	09:25	00:17	Karong area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(Yurembam) - Karong line and 132 kV Kohima - Karong line.At 09:08 Hrs on 24.10.2020, 132 kV Imphal(Yurembam) - Karong line and 132 kV Kohima - Karong line tripped. Due to tripping of these elements, Karong area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	13	GD-1
16	NER	132 kV Balipara - Tenga line	NEEPCO & DoP, AP	29-Oct-20	11:37	29-Oct-20	11:47	00:10	Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line.At 11:37 Hrs on 29.10.2020, 132 kV Balipara - Tenga line tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	19	GD-1
17	NER	132 kV Imphal(MA) - Karong line and 132 kV Karong-Kohima line	MSPCL	30-Oct-20	09:39	30-Oct-20	10:18	00:39	Karong area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MA) - Karong line and 132 kV Karong-Kohima line.At 09:39 Hrs on 30.10.2020, 132 kV Imphal(MA) - Karong line and 132 kV Karong-Kohima line tripped. Due to tripping of these elements, Karong area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	10	GD-1