



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: 12th 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., डोंगतिह, 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 02nd Nov-2020 to 08th Nov-2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 02 नवंबर -2020 से 08 नवंबर-2020, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उपलब्ध 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 02nd Nov-2020 to 08th 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 (02 नवंबर 2020 से 08 नवंबर 2020 तक)

रिपोर्टिंग तिथि:- 12-Nov-20

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

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)
02-11-2020	44627	160	50353		40676		20075		2712	49	158443	209
03-11-2020	45014	80	50605		41232		19481	54	2703	121	159035	255
04-11-2020	45040	350	50300		40839		18482		2558	8	157219	358
05-11-2020	44797	500	49938		39445		17876		2504	7	154560	507
06-11-2020	45606	550	50606		40337		17991		2535	90	157075	640
07-11-2020	45844	314	51355		39709		18448		2565	57	157921	371
08-11-2020	44302	5	48844		35290		17364		2345	74	148145	79

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)
02-11-2020	920	120	1172	25	921	136	410	78	48	18	3471	377
03-11-2020	924	118	1185	26	940	133	397	77	49	16	3496	371
04-11-2020	926	116	1183	24	932	127	376	69	47	14	3463	350
05-11-2020	912	113	1186	24	908	103	360	76	45	16	3411	332
06-11-2020	945	107	1195	25	889	95	363	68	44	17	3435	311
07-11-2020	937	110	1195	21	885	94	366	64	44	17	3427	306
08-11-2020	917	110	1174	21	823	88	345	60	42	17	3299	296

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड
02-11-2020	5.22	5.38	79.43	15.19	50.00	0.029
03-11-2020	1.71	1.71	80.35	17.94	50.02	0.020
04-11-2020	3.60	3.60	82.81	13.59	50.00	0.026
05-11-2020	5.61	7.03	77.51	15.46	50.00	0.038
06-11-2020	2.05	2.05	78.43	19.53	50.01	0.026
07-11-2020	2.77	2.77	83.30	13.94	50.00	0.025
08-11-2020	2.57	2.57	84.19	13.24	50.00	0.022

*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	02-11-2020		03-11-2020		04-11-2020		05-11-2020		06-11-2020		07-11-2020		08-11-2020	
	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	5480	0	5312	0	5341	0	5292	0	5610	0	5588	0	5523	0
	Haryana	5908	0	5923	0	5753	0	5996	0	6056	0	5994	0	5313	0
	Rajasthan	12630	0	12793	0	12821	0	12666	0	12696	0	12639	0	12609	0
	Delhi	3364	0	3422	0	3605	0	3431	0	3546	0	3263	0	3315	0
	UP	14398	160	14632	0	14584	0	14599	170	15070	300	15006	0	14988	0
	Uttarakhand	1762	0	1801	0	1827	0	1744	0	1853	0	1818	0	1785	0
	HP	1530	0	1545	0	1572	0	1533	0	1570	0	1524	0	1393	0
	J&K	2534	0	2460	0	2385	0	2483	0	2594	0	2549	0	2646	0
	Chandigarh	173	0	170	0	168	0	168	0	175	0	170	0	153	0
	Chhattisgarh	3516	0	3495	0	3415	0	3421	0	3473	0	3378	0	3339	0
WR	Gujarat	16192	0	16090	0	15756	0	16221	0	16453	0	16454	0	16037	0
	MP	13074	0	13398	0	13541	0	13731	0	14152	0	14046	0	13968	0
	Maharashtra	19775	0	20224	0	20299	0	20200	0	20058	0	20124	0	20184	0
	Goa	479	0	496	0	484	0	491	0	480	0	477	0	437	0
	DD	336	0	345	0	346	0	337	0	339	0	340	0	311	0
	DNH	796	0	798	0	791	0	784	0	775	0	778	0	757	0
	Essar steel	759	0	759	0	775	0	779	0	789	0	796	0	789	0
	Andhra Pradesh	9338	0	9490	0	9022	0	8951	0	8368	0	8107	0	7908	0
SR	Telangana	7427	0	7324	0	7269	0	7159	0	7385	0	7082	0	6580	0
	Karnataka	9657	0	9841	0	10196	0	10619	0	9781	0	9910	0	8707	0
	Kerala	3628	0	3579	0	3519	0	3430	0	3593	0	3635	0	3178	0
	Tamil Nadu	15234	0	15281	0	15298	0	14383	0	13865	0	13861	0	12288	0
	Pondy	364	0	387	0	385	0	387	0	391	0	383	0	329	0
	Bihar	4511	0	4229	0	4147	0	4027	0	4109	0	4049	0	4398	0
ER	DVC	3157	0	3199	0	2952	0	3570	0	3211	0	3119	0	3059	0
	Jharkhand	1322	0	1356	0	1391	0	1364	0	1339	0	1299	0	1394	0
	Odisha	4435	0	4452	0	4764	0	4121	0	4373	0	4872	0	4148	0
	West Bengal	7569	0	7269	0	6886	0	6457	0	6503	0	6450	0	5827	0
	Sikkim	103	0	106	0	107	0	96	0	101	0	120	0	96	0
NER	Arunachal Pradesh	119	2	123	2	122	1	142	1	129	1	138	1	140	2
	Assam	1720	46	1702	80	1612	7	1563	6	1553	59	1541	31	1415	12
	Manipur	198	3	206	3	208	2	202	2	208	1	206	1	202	2
	Meghalaya	352	0	339	0	340	0	357	0	331	0	344	0	310	2
	Mizoram	101	2	104	1	102	2	104	2	103	1	106	1	90	0
	Nagaland	151	3	152	2	140	1	136	1	137	1	141	1	134	1
	Tripura	266	0	280	1	258	2	283	2	229	0	234	1	243	2

6. Energy Consumption in States (MUs)

Region	States	02-11-2020	03-11-2020	04-11-2020	05-11-2020	06-11-2020	07-11-2020	08-11-2020
NR	Punjab	107.4	107.4	107.3	109.2	112.1	111.7	106.8
	Haryana	123.0	124.6	122.7	121.9	123.4	122.4	113.6
	Rajasthan	241.3	246.6	244.8	245.2	248.4	248.5	247.8
	Delhi	63.4	64.7	64.7	62.8	65.0	61.6	59.8
	UP	271.5	270.0	269.6	264.8	283.9	279.2	277.1
	Uttarakhand	34.9	35.9	35.6	34.0	35.9	35.0	33.9
	HP	29.1	29.3	29.8	28.9	29.2	28.6	26.7
	J&K	46.8	42.9	48.3	42.7	43.7	47.2	48.2
	Chandigarh	3.0	3.0	3.0	3.0	3.0	3.0	2.7
WR	Chhattisgarh	75.5	75.1	73.4	71.9	72.7	71.7	71.2
	Gujarat	349.4	352.4	350.3	356.6	360.7	357.0	345.3
	MP	266.3	268.4	270.8	271.3	276.1	276.6	277.4
	Maharashtra	428.0	436.6	435.1	431.7	431.1	435.8	428.9
	Goa	10.1	10.3	10.6	10.0	10.1	10.1	9.5
	DD	7.2	7.6	7.7	9.0	8.9	7.6	6.8
	DNH	18.1	18.3	18.1	18.1	18.0	18.0	17.3
	Essar steel	17.0	16.2	16.8	17.3	17.1	18.0	17.3
SR	Andhra Pradesh	185.3	190.9	183.8	185.8	179.0	174.2	169.2
	Telangana	153.0	153.1	149.5	149.2	150.1	147.3	137.1
	Karnataka	184.1	187.2	191.5	192.4	185.9	186.4	172.9
	Kerala	73.2	73.1	72.6	71.4	71.4	73.1	66.7
	Tamil Nadu	317.3	328.4	326.7	301.7	294.6	296.2	269.7
	Pondy	7.8	7.8	7.9	7.9	8.0	8.0	7.0
ER	Bihar	82.4	74.2	69.8	70.6	68.8	68.7	70.6
	DVC	63.1	64.1	63.5	61.5	63.4	63.3	62.5
	Jharkhand	27.0	25.6	24.9	24.0	24.2	24.1	24.6
	Odisha	90.3	89.1	90.5	83.6	88.0	96.5	80.4
	West Bengal	146.1	142.9	126.2	119.0	116.9	111.7	105.2
	Sikkim	1.4	1.4	1.4	1.4	1.5	1.5	1.3
NER	Arunachal Pradesh	2.0	2.0	1.9	1.9	2.1	2.1	2.0
	Assam	28.7	29.4	27.5	26.3	26.0	25.7	23.9
	Manipur	2.7	2.8	2.8	2.5	2.7	2.9	2.6
	Meghalaya	6.1	6.1	5.8	6.0	6.0	5.9	5.6
	Mizoram	1.5	1.7	1.7	1.7	1.7	1.7	1.6
	Nagaland	2.5	2.5	2.5	2.3	2.5	2.4	2.2
	Tripura	4.5	4.6	4.5	4.1	3.5	3.6	3.7
ALL INDIA TOTAL		3470.8	3496.3	3463.3	3411.5	3435.3	3427.2	3299.2

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

साप्ताहिक रिपोर्ट (02 नवंबर 2020 से 08 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	02-11-2020	03-11-2020	04-11-2020	05-11-2020	06-11-2020	07-11-2020	08-11-2020
East to North	-90.9	-90.6	-86.2	-94.0	-95.8	-85.4	-78.7
East to West	36.6	39.8	38.4	44.2	45.1	64.7	59.1
East to South	-104.8	-111.4	-106.6	-108.2	-97.8	-99.4	-100.8
East to North-East	-11.0	-12.6	-13.2	-11.1	-7.9	-7.8	-7.0
North-East to North	-13.0	-11.5	-12.5	-12.2	-12.1	-10.4	-12.1
West to North	-195.1	-203.7	-216.9	-224.6	-233.9	-229.5	-210.6
West to South	-53.5	-61.4	-57.1	-64.4	-53.2	-43.8	-45.8

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

साप्ताहिक रिपोर्ट (02 नवंबर 2020 से 08 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)
02-11-2020	21.1	879	-2.0	-253	-83	-24.5	-1066	-1020
03-11-2020	19.5	814	-2.0	-273	-83	-24.7	-1072	-1027
04-11-2020	18.6	776	-1.5	-260	-63	-24.9	-1067	-1037
05-11-2020	18.6	773	-1.6	-264	-67	-24.6	-1044	-1026
06-11-2020	18.3	761	-1.3	-220	-53	-22.2	-1017	-924
07-11-2020	17.4	727	-0.9	-194	-38	-22.1	-1026	-923
08-11-2020	17.5	730	-2.0	-253	-83	-20.2	-1023	-841
कुल Total	131.0		-11.3			-163.1		

8). Major Grid Incidences (Provisional):

S.No.	Region	Name of Element (Single/Manually operated)	Owner / Agency	Outage		Reinst.		Outage Duration		Event (As reported)	Generation Loss(MW)	Load loss(MW)	Impact as per IEC Grid Standard
				Date	Time	Date	Time	Start	End				
	NR	1) 220 KV Wajapur(2) Substation(PSD) Ch-2 2) 220 KV Wajapur(2) Substation(PSD) Ch-1	J&K	3-Nov-20	09:08	3-Nov-20	11:12	02:43	220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 tripped due to over fault on 220KV Dabhoi-Reling line affected on 22/11/2020. As per PMU, the fault with affected circuit of 220KV Dabhoi-Reling line. 1.6 kA fault current was observed from Wajapur(2) substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW & 100MW respectively.	0	650	GD-1	
	NR	1) 400/220 KV 315 MVA CT 1 at Pachhad(PH) 2) 400/220 KV 315 MVA CT 2 at Pachhad(PH)	UT/TA/PA/ND/CL	3-Nov-20	11:10	3-Nov-20	14:16	02:51	400/220 KV 315 MVA CT 1 & CT 2 at Pachhad(PH) tripped on electrical fault due to tripping of 220 KV Pachhad-Dabhoi line. As per PMU, the fault with affected circuit of 220KV Pachhad-Dabhoi line. 1.6 kA fault current was observed from Pachhad substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW & 100MW respectively.	0	0	GD-2	
	NR	1) 400/220 KV 315 MVA CT 1 at Waidawar(W) 2) 400/220 KV 315 MVA CT 2 at Waidawar(W)	MAH/TA/CL	3-Nov-20	12:10	3-Nov-20	12:16	00:46	400/220 KV 315 MVA CT 1 & CT 2 at Waidawar(W) tripped during with 220 KV Waidawar-Reling line. As per PMU, the fault is observed. Transformer tripped due to overcurrenting on 220KV Waidawar-Aga and 220KV Waidawar-Reling line. As per PMU, the fault with affected circuit of 220KV Waidawar-Aga and 220KV Waidawar-Reling line. 1.6 kA fault current was observed from Waidawar substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW & 100MW respectively.	0	650	GD-1	
	NR	1) 220 KV Wajapur(2) Substation(PSD) Ch-2 2) 220 KV Wajapur(2) Substation(PSD) Ch-1	J&K	3-Nov-20	13:36	3-Nov-20	15:12	02:26	220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 tripped due to 1A Phase to earth fault in 220KV Dabhoi-Reling line. As per PMU, the fault with affected circuit of 220KV Dabhoi-Reling line. 1.6 kA fault current was observed from Wajapur(2) substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW & 100MW respectively.	0	600	GD-1	
	NR	1) 765 KV Aga-Farhad(FF) Latching(PS) (S) Ch-2 2) 660 MW Latching (S) - unit 1	UT/TA/PA/ND/CL	3-Nov-20	20:24	3-Nov-20	21:33	01:29	765 KV Aga-Farhad(FF) Latching(PS) (S) Ch-2 tripped due to 1A Phase to earth fault. At the same time, 660MW Latching (S) - unit 1 also tripped due to tripping of 765 KV Aga-Farhad(FF) Latching(PS) (S) Ch-2. As per PMU, the fault is observed. As per SCADA generation loss of 660MW observed during tripping.	660	0	GD-1	
	NR	1) 220 KV Meerwar(2) Substation(PS) Ch-1 2) 220KV Bus 1 at Meerwar(2) 3) 400/220 KV 315 MVA CT 1 at Meerwar(2) 4) 220 KV Meerwar(2) Substation(PS) Ch-2	MAH/TA/CL	7-Nov-20	15:08	7-Nov-20	19:40	04:32	220 KV Meerwar(2) Substation(PS) Ch-1 & Ch-2 tripped due to 1A Phase to earth fault in 220KV Meerwar-Aga and 220KV Meerwar-Reling line. As per PMU, the fault with affected circuit of 220KV Meerwar-Aga and 220KV Meerwar-Reling line. 1.6 kA fault current was observed from Meerwar substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	0	60	GD-1	
	WR	1) 220 KV Anas/Chandrapur(L&L) 2) 220 KV Anas/Chandrapur(L&L) 3) 220 KV Anas/Chandrapur(L&L) 4) 220 KV Anas/Chandrapur(L&L) 5) 220KV Bus 1 at Anas/Chandrapur(L&L)	GUJARAT	7-Nov-20	08:33	7-Nov-20	08:51	00:28	4A 220KV bus 1 at Anas/Chandrapur(L&L) tripped due to 1A Phase to earth fault in 220KV Anas/Chandrapur(L&L) line. As per PMU, the fault with affected circuit of 220KV Anas/Chandrapur(L&L) line. 1.6 kA fault current was observed from Anas/Chandrapur(L&L) substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	-	-	GD-1	
	WR	1) 762/400 KV Indore(CT) 2) 765 KV Indore Bus 2	MP	6-Nov-20	08:02	6-Nov-20	07:36	02:42	765 KV Indore Bus 2 tripped due to 1A Phase to earth fault in 765KV Indore-Reling line. As per PMU, the fault with affected circuit of 765KV Indore-Reling line. 1.6 kA fault current was observed from Indore substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	-	-	GD-2	
	SR	1) 220KV VSCOP-1 2) 220KV VSCOP-2 3) 220KV VSCOP-3 4) 220KV VSCOP-4 5) 220KV VSCOP-5 6) 220KV VSCOP-6 7) 220KV VSCOP-7 8) 220KV VSCOP-8 9) 220KV VSCOP-9 10) 220KV VSCOP-10 11) 220KV VSCOP-11 12) 220KV VSCOP-12 13) 220KV VSCOP-13 14) 220KV VSCOP-14 15) 220KV VSCOP-15 16) 220KV VSCOP-16 17) 220KV VSCOP-17 18) 220KV VSCOP-18 19) 220KV VSCOP-19 20) 220KV VSCOP-20 21) 220KV VSCOP-21 22) 220KV VSCOP-22 23) 220KV VSCOP-23 24) 220KV VSCOP-24 25) 220KV VSCOP-25 26) 220KV VSCOP-26 27) 220KV VSCOP-27 28) 220KV VSCOP-28 29) 220KV VSCOP-29 30) 220KV VSCOP-30 31) 220KV VSCOP-31 32) 220KV VSCOP-32 33) 220KV VSCOP-33 34) 220KV VSCOP-34 35) 220KV VSCOP-35 36) 220KV VSCOP-36 37) 220KV VSCOP-37 38) 220KV VSCOP-38 39) 220KV VSCOP-39 40) 220KV VSCOP-40 41) 220KV VSCOP-41 42) 220KV VSCOP-42 43) 220KV VSCOP-43 44) 220KV VSCOP-44 45) 220KV VSCOP-45 46) 220KV VSCOP-46 47) 220KV VSCOP-47 48) 220KV VSCOP-48 49) 220KV VSCOP-49 50) 220KV VSCOP-50 51) 220KV VSCOP-51 52) 220KV VSCOP-52 53) 220KV VSCOP-53 54) 220KV VSCOP-54 55) 220KV VSCOP-55 56) 220KV VSCOP-56 57) 220KV VSCOP-57 58) 220KV VSCOP-58 59) 220KV VSCOP-59 60) 220KV VSCOP-60 61) 220KV VSCOP-61 62) 220KV VSCOP-62 63) 220KV VSCOP-63 64) 220KV VSCOP-64 65) 220KV VSCOP-65 66) 220KV VSCOP-66 67) 220KV VSCOP-67 68) 220KV VSCOP-68 69) 220KV VSCOP-69 70) 220KV VSCOP-70 71) 220KV VSCOP-71 72) 220KV VSCOP-72 73) 220KV VSCOP-73 74) 220KV VSCOP-74 75) 220KV VSCOP-75 76) 220KV VSCOP-76 77) 220KV VSCOP-77 78) 220KV VSCOP-78 79) 220KV VSCOP-79 80) 220KV VSCOP-80 81) 220KV VSCOP-81 82) 220KV VSCOP-82 83) 220KV VSCOP-83 84) 220KV VSCOP-84 85) 220KV VSCOP-85 86) 220KV VSCOP-86 87) 220KV VSCOP-87 88) 220KV VSCOP-88 89) 220KV VSCOP-89 90) 220KV VSCOP-90 91) 220KV VSCOP-91 92) 220KV VSCOP-92 93) 220KV VSCOP-93 94) 220KV VSCOP-94 95) 220KV VSCOP-95 96) 220KV VSCOP-96 97) 220KV VSCOP-97 98) 220KV VSCOP-98 99) 220KV VSCOP-99 100) 220KV VSCOP-100	AP	7-Nov-20	10:06	7-Nov-20	10:18	00:12	220KV VSCOP-1 tripped due to 1A Phase to earth fault in 220KV VSCOP-1 line. As per PMU, the fault with affected circuit of 220KV VSCOP-1 line. 1.6 kA fault current was observed from VSCOP-1 substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	0	113	GD-1	
	DR	400 KV Aligarh - Aligarh(2) DC	WB	7-Nov-20	11:00	7-Nov-20	11:49	02:45	400 KV Aligarh - Aligarh(2) DC tripped due to 1A Phase to earth fault in 400KV Aligarh-Reling line. As per PMU, the fault with affected circuit of 400KV Aligarh-Reling line. 1.6 kA fault current was observed from Aligarh substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	240	0	GD-2	
	NER	1) 132 KV Badliya - Badliya line	ASAM	04-Nov-20 14:19	14:19	04-Nov-20 15:18	15:18	00:59	132KV Badliya - Badliya line tripped due to 1A Phase to earth fault in 132KV Badliya-Reling line. As per PMU, the fault with affected circuit of 132KV Badliya-Reling line. 1.6 kA fault current was observed from Badliya substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	0	20	GD-1	
	NER	1) 132 KV Kalyan - Kalyan line 1) 132 KV Kalyan - Kalyan line 1) 132 KV Kalyan - Kalyan line	MH/TA/CL	07-Nov-20 09:17	09:17	07-Nov-20 09:25	09:25	00:08	132KV Kalyan - Kalyan line tripped due to 1A Phase to earth fault in 132KV Kalyan-Reling line. As per PMU, the fault with affected circuit of 132KV Kalyan-Reling line. 1.6 kA fault current was observed from Kalyan substation. As per SCADA, fault type of outage, 650MW is observed respectively. 220 KV Wajapur(2) Substation(PSD) Ch-1 & Ch-2 carrying 100MW, 100MW & 650MW respectively.	0	24	GD-1	