



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टालीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



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NO. ERPC/PROTECTION/2017-18/

DATE: 01.12.2017

FAX MESSAGE NO. - 600

To,

As per list enclosed.

Sub: Notice for 62nd Protection Coordination sub-Committee (PCC) meeting of ERPC

Notice is hereby given that **62nd PCC meeting** of ERPC will be held on **18th December 2017 (Monday)** at 11: 00 hrs at **ERPC Conference Room, Kolkata.**

The tentative agenda items for discussion will be as follows:

- 1) Confirmation of the minutes of 61st Protection sub-Committee Meeting of ERPC
- 2) Follow-up action on decision of previous Protection sub-Committee Meetings
- 3) Analysis of following grid disturbances of November, 2017:
 - Tripping of 220 KV Darbhanga-Motipur D/C and 220 KV Muzaffarpur (MTPS)- Motipur D/C on 02-11-17 at 13:18 hrs.
 - Total power failure at 132 KV Birpara S/S (WB) on 03-11-17 at 14:43 hrs.
 - Tripping of 220 kV Tashiding - New Melli S/C and 220 kV Tashiding - Rangpo S/C on 12-11-17 at 01:30 hrs
 - Tripping of 132 kV Banka – Sultanganj D/C on 13-11-17 at 02:50 hrs
 - Total power failure at 220/132 kV Patratu S/S on 23-11-17 at 11:56 hrs
 - Total power failure at 400/220 kV Alipurduar S/S on 26-11-17 at 04:34 hrs
 - Total power failure at 132/66 kV Melli S/S and its surrounding area on 29-11-17 at 05:52 hrs
 - Disturbance at 400kV Sasaram on 29-11-17 at 17:19 hrs
- 4) Single line tripping incidences as per list enclosed at **Annexure-I.**

You are requested to kindly furnish the detail report along with all records (SLD, SOE, DR, Relay and schematic diagram of auxiliary supply, wherever applicable) related to above trippings for meaningful analysis during the meeting. You are also requested to upload the details in on-line tripping incident reporting system implemented in Protection Database Management System www.erpc-protectiondb.in.

Your participation in the meeting is highly solicited. Please confirm your participation in the meeting along with name and designation of the participants.

Yours faithfully,

-sd-

(J. Bandyopadhyay)
Member Secretary

LIST OF ADDRESSES:

Chief Engineer, Trans (O&M) Bihar State Power Transmission Limited, Vidyut Bhawan, Bailey Road, Patna-800021	Electrical Superintending Engineer (CRITL) Bihar State Power Transmission Limited, Vidyut Bhawan, Bailey Road, Patna-800021
Chief Engineer (SLDC) Damodar Valley Corporation, GOMD-I Premises, P.O.- Danesh Sheikh Lane, Howrah- 711109	Chief Engineer (CTC) Damodar Valley Corporation, P.O. Maithon Dam, Dist. Dhanbad, Jharkhand-828207
Chief Engineer, Trans (O&M) Jharkhand Urja Sancharan Nigam Limited Kusai Colony, Doranda, Ranchi-834002	Electrical Superintending Engineer (CLD) Jharkhand Urja Sancharan Nigam Limited, Kusai Colony, Doranda, Ranchi-834002
Chief General Manager (O&M), OPTCL, Janpath, Bhubaneswar, Odisha – 751 022. FAX: 0674-2542932 cgm.onm@optcl.co.in	Sr. General Manager (PPA), Technical Wing, OHPCL, Orissa State Police Housing & Welfare Corpn. Bldg. Vanivihar Chowk, Janpath, Bhubaneswar-752022
Chief Load Dispatcher, SLDC OPTCL, P.O. Mancheswar Rly. Colony Bhubaneswar-751017	Chief Engineer (Testing), WBSETCL Central Testing Laboratory, Abhikshan, Salt Lake, Kolkata-700091 (Fax no. 2367-3578/1235)
Chief Engineer (CLD) WBSETCL, P.O. Danesh Sheikh Lane, Andul Road, Howrah-711109	Addl. Chief Engineer (ALDC) West Bengal Electricity Distribution Company Ltd Vidyut Bhavan, 7 th Floor, Bidhannagar, Sector-I Salt Lake City, Kolkata-700091(Fax-033-2334-5862)
Dy. Chief Engineer (Testing)/ Sr. Manager (Testing) CESC Ltd.,4, Sasi Sekhar Bose Road, Kolkata-700025	General Manager (O&M) KhSTPS, NTPC Ltd., P.O. Deepti Nagar, Dist. Bhagalpur, Bihar-813203
General Manager(O&M) FSTPS, NTPC Ltd., P.O. Nabarun, Dist. Murshidabad, West Bengal-742236	Dy. General Manager (Engineering), WBPDC, OS Dept. Corporate Office, 3/C,L.A Block, Salt Lake-III, Kolkata-700098 (Fax-033-23350516)
General Manager (O&M) Barh STPS, NTPC Ltd., P.O. NTPC Barh, Dist. Patna, Bihar-803213	General Manager (OS), ERHQ-II, NTPC Ltd., 3 rd flr. OLIC Building, Plot no. N 17/2, Nayapalli, Unit-8 Bhubaneswar- 751012 (Fax No. 0674-2540919)
General Manager(O&M) TSTPS, NTPC Ltd. P.O.Kaniha, Dist. Angul, Orissa-759117	General Manager (O&M) POWERGRID, Odisha Projects Sahid Nagar, Bhubaneswar – 751 007
General Manager(OS), ERHQ-I, NTPC Ltd., Loknayak Jaiprakash Bhawan, (2 nd Floor), Dak Bungalow Chawk, Patna-800001	Director (GM Division) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110066
Executive Director (O&M) NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana-121003 (Fax-01292272413)	Electrical Superintending Engineer, TTPS, Tenughat Vidyut Nigam Ltd., Lalpania, Dist. Bokaro, Jharkhand-829149
Dy. General Manager (Electrical) IB Thermal Power Station, OPGCL Banhapalli, Dist. Jharsuguda-768234, Orissa	General Manager (OS), ER-I Power Grid Corporation of India Ltd., Alankar Place, Boring Road, Patna-800001
Chief Engineer (Trans.) Power Deptt., Govt. of Sikkim, Gangtok-731010	Sr. Manager (CTMC) Durgapur Projects Limited, Durgapur-713201
Executive Director, ERLDC, POSOCO 14, Golf Club Road, Tollygunge, Kolkata-700033	Manager (Electrical), Adhunik Power & Natural Resources Ltd. “Lansdowne Towers, Kolkata-700020 (Fax No. 033-2289 0285)
General Manager (OS), ER-II Power Grid Corporation of India Ltd., J-I-15, Block-EP, Sector-V, Salt Lake, Kolkata-91	Shri A.K.Nayak/Shri Sumit S Ghosh Maithon Power Limited, Maithon Office, MA 5 Gogna, Dist. Dhanbad, Jharkhand State, PIN-828207
General Manager (P&O), PTC Ltd., Kanchanjunga Bldg., 18, Barakhamba Road, New Delhi-110001	Vice President, Vedanta Ltd. 1 st Floor, Module C/2, Fortune Tower, C S Pur, Bhubaneswar- 751023
Managing Director, Bhutan Power Corporation Post Box no. 580, Thimpu, Bhutan.	Managing Director, Druk Green Power Corprn. P.O. Box-1351, Thimpu, Bhutan.
Darbhangha(Bihar), Darbhanga Motihari Transmission Company Limited (DMTCL)	Head Construction, ENCIL, Siliguri-7340051
Shri D. P. Bhagava, Chief Consultant (O&M), Teesta Urja Limited, New Delhi (FAX:011-46529744)	Shri Brajesh Kumar Pande, Plant Head, JITPL. (FAX:011-26139256-65)

List of important transmission lines in ER which tripped in November-2017

SI No	LINE NAME	TRIP DATE	TRIP TIME	RESTORATION DATE	RESTORATION TIME	Relay Indication LOCAL END	Relay Indication REMOTE END	Reason	Fault Clearance time in msec	Auto Recloser status	Remarks
No Autoreclose operation observed in PMU data											
1	220KV NEW PURNEA-MADHEPURA-II	02/11/2017	10:32	02/11/2017	10:57	Z1, R-N, F/D-64.6KM, F/C-2.56KA	Z1, R-N, F/D-32.3KM	R-N Fault	< 100	No Auto-reclose operation found in PMU	
2	400KV KHARAGPUR-CHAIBASA-II	02/11/2017	13:01	02/11/2017	13:42	R_N Fault, A/R successful		R-N Fault	< 100	A/R successful at Kharagpur end	
3	400KV KHARAGPUR-CHAIBASA-I	02/11/2017	13:01	02/11/2017	13:45	R_N Fault, A/R successful		R-N Fault	< 100	A/R successful at Kharagpur end	
4	220KV PATNA-KHAGAUL-SC	06/11/2017	9:05	06/11/2017	10:54	B-N , 10 KM , 8 KA		B-N Fault	< 100	No Auto-reclose operation found in PMU	
Miscellaneous: Tripping on DT, No reason furnished											
6	132KV KhSTPP-LALMATIA-I	07/11/2017	6:57	07/11/2017	7:50	Did not tripped	E/F	E/F			Fault not observed in PMU
7	400KV JHARSUGUDA-STERLITE-II	07/11/2017	10:01	07/11/2017	10:45		DT RECEIVED	DT RECEIVED AT STERLITE			Fault not observed in PMU
8	400KV MALDA-NEW PURNEA-I	09/11/2017	0:32	09/11/2017	1:27	Tripped due to O/V (stg I)- Spurious	DT received	Tripped due to O/V (stg I)- Spurious			
9	400KV MALDA-NEW PURNEA-I	09/11/2017	2:43	09/11/2017	5:55	O/V STG-I		O/V STG-I AT MALDA			
10	400KV PPSP-NEW PPSP-SC	12/11/2017	21:48	12/11/2017	22:43	Relay 86 operated		Relay 86 operated at PPSP			Fault not observed in PMU
11	400KV BIHARSARIFF-PUSAULLI	13/11/2017	23:52	14/11/2017	0:31	Over Voltage		O/V AT BIHARSARIFF END			
12	400KV JEYPORE-INDRAVATI-I	14/11/2017	12:56	14/11/2017	13:18	DT RECEIPT FROM INDRAVATI	Did not tripped	DT RECEIPT FROM INDRAVATI			Fault not observed in PMU
13	400KV MAITHON-MAITHON RB-II	15/11/2017	10:22	15/11/2017	10:28	DT RECEIVED AT MPL WHILE PGCIL OPENED MAIN BAY DUE TO BUS 3 S/D AT MAITHON;PGCIL REPORTS NON INCREMENT OF DT COUNTER		DT RECEIVED AT MPL			Fault not observed in PMU
14	400KV MAITHON-KhSTPP-II	20/11/2017	11:05	20/11/2017	11:37	Not tripped	DT received	DT received at Kahalgaon			Fault not observed in PMU
15	400KV RANCHI-RAGHUNATHPUR-II	22/11/2017	18:20	22/11/2017	18:35	DT received from RTPS		DT received from RTPS			Fault not observed in PMU
16	400KV MAITHON-MAITHON RB-II	23/11/2017	16:01	23/11/2017	16:06	Did not tripped	DT RECEIVED	DT RECEIVED AT MPL			Fault not observed in PMU
17	400KV RANCHI-RAGHUNATHPUR-II	23/11/2017	18:51	23/11/2017	19:43	DT RECEIVED AT RTPS;NO DT SENT FROM RANCHI		DT RECEIVED AT RTPS;NO DT SENT FROM RANCHI			A/R of 400 KV Ranchi- New Ranchi successful
18	400KV RANCHI-RAGHUNATHPUR-II	23/11/2017	18:51	23/11/2017	19:43	DT RECEIVED AT RTPS;NO DT SENT FROM RANCHI		DT RECEIVED AT RTPS;NO DT SENT FROM RANCHI			A/R of 400 KV Ranchi- New Ranchi successful
19	400KV NEW PPSP-NEW RANCHI-I	24/11/2017	10:15	24/11/2017	10:53	DT received	Did not tripped	DT received at New PPSP			Fault not observed in PMU
20	400KV NEW PPSP-NEW RANCHI-I	24/11/2017	11:41	24/11/2017	12:15	No reason furnished		No reason furnished			Fault not observed in PMU
21	400KV MUZAFFARPUR(PG)-BIHARSARIFF-II	26/11/2017	2:13	26/11/2017	3:07	Over Voltage	DT AT MZF	Over Voltage at Biharshariff			
22	400KV MUZAFFARPUR(PG)-BIHARSARIFF-II	26/11/2017	3:07	26/11/2017	7:21	Overvoltage ;Voltage reported from site: 421 KV	DT SENT AT MZF	Over Voltage at Biharshariff			