



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति
Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



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NO. ERPC/PROTECTION/2016-17/

DATE: 07.03.2017

FAX MESSAGE NO. -

To,

As per list enclosed.

Sub: Notice for 53rd Protection Coordination sub-Committee (PCC) meeting of ERPC

Notice is hereby given that **53rd PCC meeting** of ERPC will be held on **21st March 2017 (Tuesday)** 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 52nd 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 February, 2017:
 - Disturbance at 220 kV Arrah (BSPTCL) S/s on 02-02-17 at 00:22 hrs.
 - Multiple elements tripping at 220/132 kV Lalmatia (JUSNL) S/s on 06-02-17 at 16:40 Hrs.
 - Disturbance at 220 kV Bakreswar (WBSETCL) S/s on 13-02-17 at 09:55 hrs.
 - Disturbance at CESC system on 23-02-17 at 09:53 Hrs.
 - Disturbance at 220 kV Chandil (JUSNL) S/s on 24-02-17 at 09:05 Hrs.
- 4) Multiple elements tripping without load loss:
 - Disturbance at 400 kV Meramundali (OPTCL) S/s on 09-02-17 at 14:41 Hrs.
 - 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.

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-

(A. K. Bandyopadhyaya)
Member Secretary

LIST OF ADDRESSES:

Chief Engineer, Trans (O&M) Bihar State Electricity Board, Vidyut Bhawan, Bailey Road, Patna-800021	Electrical Superintending Engineer (CRITL) Bihar State Electricity Board, Vidyut Bhawan, Bailey Road, Patna-800021
Chief Engineer (SLDC) Damodar Valley Corporation, GOMD-I Premises, P.O.- Danesh Seikh Lane, Howrah- 711109	Chief Engineer (CTC) Damodar Valley Corporation, P.O. Maithon Dam, Dist. Dhanbad, Jharkhand-828207
Chief Engineer, Trans (O&M) Jharkhand State Electricity Board Kusai Colony, Doranda, Ranchi-834002	Electrical Superintending Engineer (CLD) Jharkhand State Electricity Board, 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., Loknaya Jaiprakash Bhawan, (2 nd Floor), Dak Bunglow 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
General Manager, 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	Managing Director, Druk Green Power Corpn. P.O. Box-1351, Thimpu, Bhutan.
Managing Director, Bhutan Power Corporation Post Box no. 580, Thimpu, Bhutan.	ASSISTANT SECRETARY, ERPC

Annexure-I

S.NO	LINE NAME	TRIP DATE	TRIP TIME	RESTORATION DATE	RESTORATION TIME	Reason	Fault Clearance time in msec	Relay Indication LOCAL END	Relay Indication REMOTE END	Auto Recloser status	DR/EL received within 24 Hrs	DR/EL received after 24 Hrs	Remarks
Fault clearing time is violating protection standard (As per PMU data)													
1	400KV SUBHASGRAM - JEERAT	14.02.17	17:06	14.02.17	17:16	B-N FAULT	350 ms approx	Information yet to be received	B-N , Z-II, F/C - 4.4 kA, Z-I, 69 Km from Jeerat	No autoreclose operation observed in PMU data	No	No	Bursting of B phase LA of 400 kV Sagardighi Subhasgram at Subhasgram
2	400KV SUBHASGRAM - SAGARDIGHI			15.02.17	01:02	B-N FAULT	350 ms approx	B-N, Z-I Tie: No A/R operation Main: Unsuccessful A/R	B-N, Z-II		Yes	Yes	
Multiple tripping at same time													
1	220 KV EMSS - SUBHASGRAM-I	21.02.17	11:17	21.02.17	12:43	R-Y FAULT	<100	Information yet to be received	Information yet to be received	--	No	No	
2	220KV EMSS-BUDGE BUDGE			21.02.17	13:49	R-Y FAULT	<100	Information yet to be received	Information yet to be received		No	No	
Fault Not observed in PMU data													
1	400 KV RANGPO-TEESTS-III	01.02.17	02:40	01.02.17	05:33	DT RECEIVED AT RANGPO	--	DT received	Information yet to be received	--	No	No	
2	400 KV N RANCHI - CHANDWA # II	18.02.17	12:08	18.02.17	14:04	SPURIOUS TRIPPING	--	Information yet to be received	Information yet to be received	--	No	No	
3	400KV KAHALGAON-BANKA-I	23.02.17	13:13	23.02.17	18:20	DT RECEIVED AT BANKA	--	Information yet to be received	DT received	--	No	No	
No autorecloser operation observed in PMU data													
1	400 KV MERAMUNDALI - STERLITE -I	10.02.17	13:08	10.02.17	18:19	Y-N FAULT	<100	Information yet to be received	Information yet to be received	No autoreclose operation observed in PMU data	No	No	
2	400 KV MERAMUNDALI - STERLITE -I	11.02.17	12:16	11.02.17	16:32	Y-N FAULT	<100	Y-N, Z1, 164.5 km from Meramundali, 2 kA	Y-N, Z-1, 93 km from SEL, 2.84 kA	No autoreclose operation observed in PMU data	No	No	
3	765KV ANGUL - SRIKAKULAM-II	15.02.17	15:30	15.02.17	18:29	B-N FAULT	<100	Carrier received but breaker did not open at Angul end	Information yet to be received	No autoreclose operation observed in PMU data	--	No	