

उत्तर प्रदेश राज्य भार प्रेषण केन्द्र

उपरोक्त ट्रांसमिशन कारपोरेशन लि०

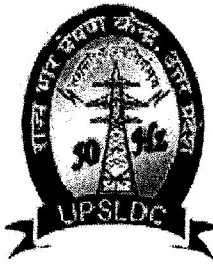
(उत्तर प्रदेश सरकार का उपक्रम)

यूपीपीएसटीएलसीडीसी परिसर, विभूति खण्ड-॥

गोमती नगर, लखनऊ-226010

ई-मेल : cepso@upslcd.org

sera@upslcd.org



U.P. State Load Despatch Centre

U.P. Power Transmission Corporation Ltd.

(A U.P. Govt. Undertaking)

UPSLDC Complex, Vibhuti Khand - II

Gomti Nagar, Lucknow- 226010

E-mail: cepso@upslcd.org

sera@upslcd.org

No: /CE (PSO) /SE(R&A)/EE-II /Tripping

Dated: 2023

Chief Engineer, (Trans South - west), U.P. Power Transmission Corporation Ltd., near Amar Ujala Press, Kakraitha Road, Agra. (cets@upptcl.org)	Chief Engineer (Trans. Central), UPPTCL, Pareshan Bhawan, Vibhuti Khand, Gomti Nagar Lucknow (cetc@upptcl.org)	Chief Engineer (Trans. West), Pareshan Bhawan, 130D, Hydell Colony, Victoria Park, Meerut - 250001 (cetw@upptcl.org)
Chief Engineer (L-1), Harduaganj thermal power station. P.O. Kasimpur, Aligarh. 202127	M/s Western UPPTCL 400/220/33KV Substation, Kalapathar, Indirapuram, Ghaziabad, Uttar Pradesh- 201014 (wupptcl.ro@gmail.com)	

Subject:-Frequent tripping of Transmission line for the month of December, 2022.

As you are kindly aware that following element had undergone frequent outages in the month of December, 2022.

Sl.No.	Elements Name	No. of forced outages
1.	400kV Aligarh - Sikandrabad line	05
2.	400kV Aligarh - Muradnagar Line	03
3.	400kV Harduaganj - Sikandrabad Line	03
4.	400kV Mathura -Muradnagar Line	03
5.	400kV Bareilly -Unnao line -I	03
6.	400kV Gr.Noida - Gr.Noida Ckt-I	03

Details of the tripping as reported by concerned, has been enclosed herewith. These frequent outages of such important line clearly indicate that proper patrolling, review of protection setting and rectification of major cause of frequent tripping is required so that grid security and reliability can be ensured.

It is therefore, requested to please instruct the concerned officer in your jurisdiction to take necessary action to avoid such frequent outages and submit report on the action taken of aforementioned lines as per attached format by 09.01.2023 for further necessary action.

Matter may be treated as urgent.

Encl: As above.

No - 78 /Dir(ce)/Tripping Date 07-01-2023

All concerned CE's

(Amrendu)
Chief Engineer (PSO)

SR-5TU

6/1/2023

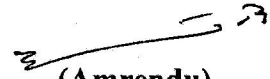
No: 41 /CE (PSO) /SE(R&A)/EE-II /Tripping

Dated: 2023

Copy forwarded to the following for information and necessary action:-

31.2023

1. Director, UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow
2. Director (Operation), UPPTCL, 11th Floor, Shakti Bhawan Extn., Lucknow.
3. Superintending Engineer (System Control), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow (via -email).


(Amrendu)
Chief Engineer (PSO)

TRIPPING STATEMENT OF TRANSMISSION ELEMENTS FOR 400KV AND ABOVE

Sl. No.	Name of Line/Trans. Equip.	Trippings		Restoration		Flags	
		Date & Time	Date & Time	End 1	End 2		
1	400kV Aligarh - Sikandrabad line	12-03-2022 23:06	12-04-2022 00:24	Main-1, Zone-1, PhaseA(ABC), SOTF, Distance 23.948Km Fault Duration-88.000mS	52.47 Km, R Phase - Earth Z1, R Ph, 86R2, 86LO, Dist Protection Optd,		
		12-12-2022 02:20	12-12-2022 03:29	Zone-1, PhaseA(ABC), Distance 18.33Km, Fault Duration-88.000mS , Fault Current - IA:6.219A, IB:0.268A, IC:0.085A, VA:29.266V, VB:68.873V	Z1, R Ph, 86R2, 86LO, Distance Protection Optd, 59.52 Km, R Phase - Earth		
		12-19-2022 05:33	12-19-2022 13:40	Zone-1, PhaseB(ABC), Distance 66.396km, Fault Current-IA-0.185A, IB:2.672A, IC-0.208A, VA:65.180V, VB:43.850V, VC-64.711V Main-2 Zone-	Z1, Y Ph, 86Y2, Dist Protection Optd, 17.04 Km, Y Phase - Earth		
		12-20-2022 02:25	12-20-2022 09:49	Zone-1, PhaseC(ABC), Fault Time 160.000mS, Distance 21.046km, Fault Current-IA-0.251A, IB:0.111A, IC-5.560A, VA:67.877V, VB:68.857V, VC-29.714V	Zone-1 B-ph		
		12-21-2022 03:55	12-21-2022 21:57	Zone-1 PhaseC(ABC), Distance 25.672km, Fault Current-IA-2.781A, IB:0.204A, IC-0.296A, VA:45.869V, VB-66.238V, VC-65.320V Main-2	Zone-1, R-ph		
		12-19-2022 02:59	12-19-2022 04:50	Zone-1, PhaseA(ABC), Fault Time 2371mS, Distance 127.096km, Fault Current-IA-3.115KA, IB:0.125A, IC-0.393A, VA:60.781V, VB:69.232V, VC-61.898V	CP:- DPT MI, DPT MII RP:-MI=A-ph, Z-1, Inst. Ground, ,86A, 41.95Km		
2	400kV Aligarh - Muradnagar Line	12-19-2022 05:10	12-19-2022 12:06	Tripping at 05:10 HRS Main-2 Zone2 PhaseC(ABC), Distance 77.33km	AR success at 05:10 HRS and fault again occurred at 06:11 HRS Flags at 06:11HRS : RP:-MI=C-ph, A-ph, Inst. Ground, ,86A, 86B,		

		12-21-2022 01:52	12-21-2022 02:37	Zone-2,PhaseC(ABC),Fault Time588.000ms,Distance163.172km,	CP:- DPT M1, DPT M11 RP:-M1=C-ph, Z-1, Inst. Ground, ,86C 4.35Km
		12-19-2022 05:44	12-19-2022 13:53	86 A & B OPERATED, GEN TRIP,B-PH TRIP,ZONE-1	86LO,86B2, Zone-1 B-ph
3	400kV Harduagarj - Sikandrabad Line	12-21-2022 02:30	12-21-2022 04:36	A/R OPERATED,86 A & B OPERATED, GEN TRIP,B-PH TRIP,ZONE-1	86LO,86B2, Zone-1, B-ph
		12-21-2022 05:34	12-21-2022 19:47	86 A & B OPERATED, GEN TRIP,Y-PH TRIP,ZONE-1	86LO,86Y2, Zone-1, Y-ph
		12-19-2022 04:14	12-19-2022 06:59	MAIN-1:-R-phase ,Zone-1, Carrier Added Trip, Carrier SEND in CH-1, Neutral/ Ground F/D120.3K	M1- B PHASE, ZONE 1, CS, 20.60 km FLAGS WHEN FALUT OCCURRED IN RECLAIM TIME : M1- Y PHASE, ZONE 1, CS , 86A20.89
4	400kV Mathura -Muradnagar Line	12-20-2022 10:55	12-20-2022 13:10	ZONE-1, B-PHASE, LOCATION:-93.1KM.	M1- B PHASE, ZONE 1, CS, CR 45.48 km
		12-22-2022 10:03	12-22-2022 19:44	ZONE-1, B-PHASE, LOCATION:- 88.6KM	M1- B PHASE, ZONE 1, CS , CR 44.20 km
		12-02-2022 02:20	12-02-2022 13:05	Main-1 DPT, Over voltage protection operated, GrA &Gr B trip relay operated Main-1 Relay indications Gen trip, R, Earth, 174.5 Km, 64.4%,	CP-Main i-Group- A trip relay operated, CB Trip CKT 1/2 Faulty Main-1 Relay indications RP:- MAIN-1:- Gen trip, R-Ph, E-PU, Z-1, C/S, Start A/R, 86A, 86B, 86C, 86D, 86E, 86F, 86G, 86H, 86I, 86J, 86K, 86L, 86M, 86N, 86O, 86P, 86Q, 86R, 86S, 86T, 86U, 86V, 86W, 86X, 86Y, 86Z, 86AA, 86AB, 86AC, 86AD, 86AE, 86AF, 86AG, 86AH, 86AI, 86AJ, 86AK, 86AL, 86AM, 86AN, 86AO, 86AP, 86AQ, 86AR, 86AS, 86AT, 86AU, 86AV, 86AW, 86AX, 86AY, 86AZ, 86BA, 86BB, 86BC, 86BD, 86BE, 86BF, 86BG, 86BH, 86BI, 86BJ, 86BK, 86BL, 86BM, 86BN, 86BO, 86BP, 86BQ, 86BR, 86BS, 86BT, 86BU, 86BV, 86BW, 86BX, 86BY, 86BZ, 86CA, 86CB, 86CC, 86CD, 86CE, 86CF, 86CG, 86CH, 86CI, 86CJ, 86CK, 86CL, 86CM, 86CN, 86CO, 86CP, 86CQ, 86CR, 86CS, 86CT, 86CU, 86CV, 86CW, 86CX, 86CY, 86CZ, 86DA, 86DB, 86DC, 86DD, 86DE, 86DF, 86DG, 86DH, 86DI, 86DJ, 86DK, 86DL, 86DM, 86DN, 86DO, 86DP, 86DQ, 86DR, 86DS, 86DT, 86DU, 86DV, 86DW, 86DX, 86DY, 86DZ, 86EA, 86EB, 86EC, 86ED, 86EE, 86EF, 86EG, 86EH, 86EI, 86EJ, 86EK, 86EL, 86EM, 86EN, 86EO, 86EP, 86EQ, 86ER, 86ES, 86ET, 86EU, 86EV, 86EW, 86EX, 86EY, 86EZ, 86FA, 86FB, 86FC, 86FD, 86FE, 86FF, 86FG, 86FH, 86FI, 86FJ, 86FK, 86FL, 86FM, 86FN, 86FO, 86FP, 86FQ, 86FR, 86FS, 86FT, 86FU, 86FV, 86FW, 86FX, 86FY, 86FZ, 86GA, 86GB, 86GC, 86GD, 86GE, 86GF, 86GG, 86GH, 86GI, 86GJ, 86GK, 86GL, 86GM, 86GN, 86GO, 86GP, 86GQ, 86GR, 86GS, 86GT, 86GU, 86GV, 86GW, 86GX, 86GY, 86GZ, 86HA, 86HB, 86HC, 86HD, 86HE, 86HF, 86HG, 86HH, 86HI, 86HJ, 86HK, 86HL, 86HM, 86HN, 86HO, 86HP, 86HQ, 86HR, 86HS, 86HT, 86HU, 86HV, 86HW, 86HX, 86HY, 86HZ, 86IA, 86IB, 86IC, 86ID, 86IE, 86IF, 86IG, 86IH, 86IJ, 86IK, 86IL, 86IM, 86IN, 86IO, 86IP, 86IQ, 86IR, 86IS, 86IT, 86IU, 86IV, 86IW, 86IX, 86IY, 86IZ, 86JA, 86JB, 86JC, 86JD, 86JE, 86JF, 86JG, 86JH, 86JI, 86JJ, 86JK, 86JL, 86JM, 86JN, 86JO, 86JP, 86JQ, 86JR, 86JS, 86JT, 86JU, 86JV, 86JW, 86JX, 86JY, 86JZ, 86KA, 86KB, 86KC, 86KD, 86KE, 86KF, 86KG, 86KH, 86KI, 86KJ, 86KK, 86KL, 86KM, 86KN, 86KO, 86KP, 86KQ, 86KR, 86KS, 86KT, 86KU, 86KV, 86KW, 86KX, 86KY, 86KZ, 86LA, 86LB, 86LC, 86LD, 86LE, 86LF, 86LG, 86LH, 86LI, 86LJ, 86LK, 86LL, 86LM, 86LN, 86LO, 86LP, 86LQ, 86LR, 86LS, 86LT, 86LU, 86LV, 86LW, 86LX, 86LY, 86LZ, 86MA, 86MB, 86MC, 86MD, 86ME, 86MF, 86MG, 86MH, 86MI, 86MJ, 86MK, 86ML, 86MM, 86MN, 86MO, 86MP, 86MQ, 86MR, 86MS, 86MT, 86MU, 86MV, 86MW, 86MX, 86MY, 86MZ, 86NA, 86NB, 86NC, 86ND, 86NE, 86NF, 86NG, 86NH, 86NI, 86NJ, 86NK, 86NL, 86NM, 86NO, 86NP, 86NQ, 86NR, 86NS, 86NT, 86NU, 86NV, 86NW, 86NX, 86NY, 86NZ, 86OA, 86OB, 86OC, 86OD, 86OE, 86OF, 86OG, 86OH, 86OI, 86OJ, 86OK, 86OL, 86OM, 86ON, 86OO, 86OP, 86OQ, 86OR, 86OS, 86OT, 86OU, 86OV, 86OW, 86OX, 86OY, 86OZ, 86PA, 86PB, 86PC, 86PD, 86PE, 86PF, 86PG, 86PH, 86PI, 86PJ, 86PK, 86PL, 86PM, 86PN, 86PO, 86PP, 86PQ, 86PR, 86PS, 86PT, 86PU, 86PV, 86PW, 86PX, 86PY, 86PZ, 86QA, 86QB, 86QC, 86QD, 86QE, 86QF, 86QG, 86QH, 86QI, 86QJ, 86QK, 86QL, 86QM, 86QN, 86QO, 86QP, 86QQ, 86QR, 86QS, 86QT, 86QU, 86QV, 86QW, 86QX, 86QY, 86QZ, 86RA, 86RB, 86RC, 86RD, 86RE, 86RF, 86RG, 86RH, 86RI, 86RJ, 86RK, 86RL, 86RM, 86RN, 86RO, 86RP, 86RQ, 86RR, 86RS, 86RT, 86RU, 86RV, 86RW, 86RX, 86RY, 86RZ, 86SA, 86SB, 86SC, 86SD, 86SE, 86SF, 86SG, 86SH, 86SI, 86SJ, 86SK, 86SL, 86SM, 86SN, 86SO, 86SP, 86SQ, 86SR, 86SS, 86ST, 86SU, 86SV, 86SW, 86SX, 86SY, 86SZ, 86TA, 86TB, 86TC, 86TD, 86TE, 86TF, 86TG, 86TH, 86TI, 86TJ, 86TK, 86TL, 86TM, 86TN, 86TO, 86TP, 86TQ, 86TR, 86TS, 86TT, 86TU, 86TV, 86TW, 86TX, 86TY, 86TZ, 86UA, 86UB, 86UC, 86UD, 86UE, 86UF, 86UG, 86UH, 86UI, 86UJ, 86UK, 86UL, 86UM, 86UN, 86UO, 86UP, 86UQ, 86UR, 86US, 86UT, 86UU, 86UV, 86UW, 86UX, 86UY, 86UZ, 86VA, 86VB, 86VC, 86VD, 86VE, 86VF, 86VG, 86VH, 86VI, 86VJ, 86VK, 86VL, 86VM, 86VN, 86VO, 86VP, 86VQ, 86VR, 86VS, 86VT, 86VU, 86VV, 86VW, 86VX, 86VY, 86VZ, 86WA, 86WB, 86WC, 86WD, 86WE, 86WF, 86WG, 86WH, 86WI, 86WJ, 86WK, 86WL, 86WM, 86WN, 86WO, 86WP, 86WQ, 86WR, 86WS, 86WT, 86WU, 86WV, 86WW, 86WX, 86WY, 86WZ, 86XA, 86XB, 86XC, 86XD, 86XE, 86XF, 86XG, 86XH, 86XI, 86XJ, 86XK, 86XL, 86XM, 86XN, 86XO, 86XP, 86XQ, 86XR, 86XS, 86XT, 86XU, 86XV, 86XW, 86XZ, 86YA, 86YB, 86YC, 86YD, 86YE, 86YF, 86YG, 86YH, 86YI, 86YJ, 86YK, 86YL, 86YM, 86YN, 86YO, 86YP, 86YQ, 86YR, 86YS, 86YT, 86YU, 86YV, 86YW, 86YZ, 86ZA, 86ZB, 86ZC, 86ZD, 86ZE, 86ZF, 86ZG, 86ZH, 86ZI, 86ZJ, 86ZK, 86ZL, 86ZM, 86ZN, 86ZO, 86ZP, 86ZQ, 86ZR, 86ZS, 86ZT, 86ZU, 86ZV, 86ZW, 86ZX, 86ZY, 86ZZ
5	400kV Bareilly -Unnao line -I	12-05-2022 21:07	12-05-2022 22:14	Main-1 DPT ,C/S, A/R Operated, CB Pole discrepancy. Main-1 Relay indications Gen trip, Y-Ph,E-Pu Z-1,23.6Km, 8.7%, 10.31KA	Main I/II DPT ,Main IIDPT,C/S,C/R, A/R Operated. Main-1 Relay indications Gen trip, Y-Ph,E-Pu ,Z- 1,C/S,86B,Start A/R,RXMH-2.
		12-27-2022 15:30	12-27-2022 20:18	No details uploaded	Details need to be uploaded again

6	400kV Gr.Noida - Gr.Noida(765kV) Ckt-1	12-11-2022 23:23	12-12-2022 01:41	CP-Dist prot Optd,CS,A/R Blk RP-Z-1,Ph-R,Ir=7.4kA,21XR,86 35.00KM	Distance Protection Optd Z1, R Ph, 86A, 86B and 86LO operated 6.365 Km, R Phase - Earth
		12-19-2022 07:13	12-20-2022 22:09	Flags at 07:47 Hrs : CP:-Dist prot trip,CS,CR RP:-Z-2,Phase- Y,Ib=08.50kA,21XR,21XY,21XB 38.75KM	Distance Protection Optd Z1, Y Ph, 86A, 86B operated 0.756 Km, Y Phase - Earth
		12-21-2022 02:28	12-21-2022 19:55	Flags at 03:21 Hrs : CP-Dist prot Optd,CS,A/R blk RPZ-2,Ph- R,Ir=10.4kA,21-XY,XY,XB	Distance Protection Optd Z1, Y Ph, 86A, 86B operated 13.88 Km, Y Phase - Earth