

Paul Rippy

From: PCLLRW <[REDACTED]>
Sent: Friday, December 23, 2022 8:28 AM
To: [REDACTED] transoperations
Subject: New Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 08:26:13 a new Post Contingency Local Load Relief Warning issued to control COOP_EK -ELIHU TIE L/O L161.Alcalde-Farley to 305 MVA

Importance: High

CAUTION: This email originated from outside of EKPC. Do not click links or open attachments unless you recognize the sender and know the content is safe.

New Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 08:26:13, a Post Contingency Local Load Relief Warning to maintain line MVA flow below 305 MVA in the COOP_EK -ELIHU TIE area of EKPC has been issued for Transmission Contingency Control. Additional Comments: Post-contingency Thermal on COOP_EK -ELIHU TIE for the loss of L161.Alcalde-Farley. Post Contingency Switching Solution: NA.

THE FOLLOWING ARE THE DFACTS WHICH AFFECT
COOP_EK -ELIHU TIE
ACTUAL

MVA = 258.3 MVA CONTINGENCY MVA = 311.7 MVA

WHEN THE FOLLOWING FACILITIES ARE OUTAGED : (CONTINGENCY #69000)

0.5321 FARLEY2 XF189 XFORMER 69 KV -102.9
0 ARTMS_LG-FARLEY2 FAR-ARTM 161 KV 0
0 ALCALDE -FARLEY2 FAR-ALCA 161 KV 0

ZONE

STATION NAME DFAX LOAD MW BTM

EKPC COOP_EK GN1AAXLD 0.4476 6 No
EKPC COOP_EK GN1BAXLD 0.4476 2 No
EKPC COOP_EK GN2AAXLD 0.4476 3 No
EKPC COOP_EK GN2BAXLD 0.4476 3 No
EKPC SOAKHILL LD_163 0.4093 23 No
EKPC COOP_EK GN1SVCLD 0.3757 1 No
EKPC

COOP_EK GN2SVCLD 0.3757 1 No
EKPC COOP_EK DISTLD 0.3757 1 No
EKPC PULASKI3 LD_187 0.3588 5 No
EKPC SOUFLOYD LD_183 0.3588 13 No
EKPC FLOYD_EK LD_183 0.3588 10 No
EKPC SMRST_EK LD_189 0.3564 29 No
LGEE SOMERSE4 LD_185 0.3534 10 No
EKPC

BRONSTON BRONSTN1 0.3512 14 No
EKPC BRONSTON BRONSTN2 0.3512 11 No
EKPC OAKHILLJ LD_185 0.3493 15 No
LGEE WAITSBOR LD_185 0.3484 10 No
EKPC CABIN_H LD_185 0.348 8 No
EKPC NORWOOD3 LD_184 0.3455 8 No

EKPC W_SOMERS LD_185 0.3442 15 No
 EKPC
 NORWD_KU LD_185 0.3412 5 No
 EKPC E_SOMERJ LD_185 0.3351 20 No
 EKPC ZOLLICOF ZOLLICOF 0.3315 -14 No
 EKPC JABEZ LD_143 0.3242 4 No
 EKPC NANCY LD_185 0.3187 12 No
 EKPC GREGROAD LD_184 0.3013 3 No
 LGEEFL LIBERTYU LD_185 0.3011 13 No
 EKPC MT_OLIVJ
 LD_185 0.3011 9 No
 EKPC HIGHLDEK LD_185 0.3011 10 No
 EKPC CONTOWN CONTOWN 0.2994 0 No
 EKPC CRESTON2 LD_185 0.2959 12 No
 EKPC PHIL LD_186 0.2959 10 No
 EKPC WINDSOR2 LD_186 0.2915 9 No
 EKPC SHOPVILL LD_185 0.2785 11 No
 EKPC GAPOFRJ LD_184
 0.2781 14 No
 EKPC DAHLROAD DAHL_LD 0.2758 8 No
 EKPC ASAHIJCT ASAH1 0.2717 0 No
 EKPC ASAHIJCT ASAH2 0.2717 0 No
 EKPC SALEMEKJ LD_185 0.2713 0 No
 EKPC UN UN LD_186 0.2645 9 No
 EKPC UN UN LD_185 0.2645 2 No
 EKPC HOMESTE HMESTDLD
 0.263 25 No
 EKPC MONTICE3 MONTICLD 0.263 13 No
 EKPC WEBSCRS LD_184 0.261 7 No
 EKPC JAMESTWN LD_153 0.2537 8 No
 EKPC WIBORG_J LD_185 0.2507 5 No
 EKPC RUSSPEKJ LD_185 0.2501 50 No
 LGEEFL RUSSPR_K LD_185 0.2499 15 No
 EKPC SEWELLTN LD_185
 0.2495 8 No
 EKPC WALNUTGR LD_185 0.2398 6 No
 EKPC SLAT LD_185 0.2383 15 No
 EKPC BASS LD_185 0.235 9 No
 EKPC PEYTONST LD_185 0.235 11 No
 LGEEFL WHITLYKU KUWHITCT 0.2225 23 No
 LGEEFL WHITLYKU WHITCITY 0.2225 9 No
 EKPC COBURGJ LD_185 0.2212
 2 No
 EKPC GARLIN LD_183 0.2212 0 No
 EKPC COBURG LD_181 0.2212 0 No
 LGEEFL CLMBI_LG LD_182 0.2141 0 No
 LGEEFL CLMBI_LG LD_183 0.2141 0 No
 EKPC COLUMBI3 LD_186 0.2141 6 No
 EKPC W_COLUMB LD_183 0.2059 25 No
 EKPC ZULAJCT LD_185 0.2045 12 No
 EKPC
 KEAVY LD_185 0.1952 6 No
 EKPC PINEKNOT PINEKNOT 0.1938 8 No
 EKPC EPINEKNT EPINEKNT 0.1938 -4 No
 LGEEFL REVELO_P LD_183 0.189 1 No
 EKPC UPCHURCH LD_186 0.1843 11 No
 LGEE HOPEWEL2 LD_185 0.1768 27 No
 EKPC PINEGRVJ XFR2LD 0.1758 16 No
 EKPC
 PINEGRVJ XFR1LD 0.1758 10 Yes
 EKPC ALBANYE ALBANY 0.1737 10 No
 EKPC SALBANY SALBANY 0.1737 12 No

TVA KELSEY LDBRYDST 0.1713 31 No
EKPC MARETBURG LD_183 0.167 6 No
EKPC W_LONDON LD_185 0.1668 27 No
EKPC N_CORBIN LD_181 0.1663 8 No
EKPC
SNOW LD_183 0.1615 5 No
LGEE AISIN LD_183 0.1595 0 No
EKPC LAURINDJ LD_185 0.1589 10 No
LGEE CORBIN_E LD_185 0.1585 3 No
TVA 5BURKEVT 146_LD 0.1574 29 No
LGEE CORBIN_1 LD_185 0.1565 6 No
LGEE CORBIN_2 LD_185 0.1537 17 No
LGEE U_S_STEE
LD_185 0.153 12 No
LGEE FARISTON LD_183 0.1527 13 No
EKPC E_BERNST LD_185 0.1471 17 No
EKPC BRODHA LD_186 0.1471 13 No
EKPC S_CORBIN LD_185 0.1462 11 No
EKPC BACONJ LD_184 0.1462 7 No
EKPC LIB_CHUR LD_184 0.1462 5 No
LGEE CARON LD_185
0.1456 9 No
EKPC MAPLESVJ LD_185 0.1421 11 No
EKPC MARIONCO MARIONCO 0.1414 10 No
EKPC MARIONCO SMARIONC 0.1414 3 No
EKPC JELLCRKJ LD_185 0.138 1 No
LGEE LONDN_LG LD_188 0.1375 38 No
EKPC BUSH_EK BUSH_LD 0.1375 11 No
LGEE MANCHSR LD_186
0.1375 3 No
LGEE MNCHS_LG LD_185 0.1375 1 No
EKPC EBERLE LD_183 0.1352 9 No
EKPC SALOMA LD_144 0.1327 5 No
EKPC JBGALLWJ LD_185 0.1276 13 No
EKPC KNOBLICK LD_185 0.1268 12 No
TVA WINFLD LD1 0.1264 9 No
TVA WINFLD LD2 0.1264 9 No
EKPC
MCKINNYJ LD_185 0.1251 8 No
EKPC GREENSBG LD_185 0.1245 6 No
EKPC SMRSV_EK LD_185 0.1244 11 No
LGEE GREENSBU LD_185 0.124 -1 No
EKPC ANNVILLJ LD_185 0.1217 7 No
TVA ONEIDA1 XF2 0.12 0 No
LGEE CAMPBV_E LD_186 0.1197 3 Yes
LGEE CAMPBV_E
LD_182 0.1197 10 No
EKPC GR_R_PLZ LD_184 0.1192 7 No
LGEE CAMPBLK2 LD_185 0.1189 14 No
EKPC BOONEVLJ LD_185 0.1181 6 No
EKPC TYNER LD_1813 0.1181 8 No
EKPC S_FORK LD_185 0.1181 3 No
EKPC MILE_LAN LD_183 0.1178 15 No
EKPC CAMPBLK
LD_186 0.1171 12 No
EKPC TEMPLEHL LD_185 0.1158 9 No
EKPC ROSEVILE LOAD1 0.1158 7 No
TVA HUNT_TN XF1 0.1154 13 No
TVA HUNT_TN LDJAM 0.1154 50 No
TVA HUNT_TN RUGBY_LD 0.1154 -10 No
EKPC BIGCREEK BIGCREEK 0.1144 7 No
EKPC ONEIDAEK ONEIDA

0.1144 -2 No
 EKPC ELKMOUNT ELKMOUNT 0.1144 8 No
 EKPC FALLROCK LD_183 0.1144 8 No
 LGEEFL GARRARD0 LD_183 0.1144 0 No
 EKPC GREENBR2 LD_183 0.1144 8 No
 TVA TMPKN_T LD1 0.1138 31 No
 TVA TOMPKIN LD1 0.1136 5 No
 TVA SUMMER LD2 0.1136 29 No
 TVA
 SUMMER LD1 0.1136 29 No
 TVA MOSS LD1 0.1136 4 No
 TVA ONEIDA1 XF1 0.1136 0 No
 TVA DALE_HO LD2 0.1136 5 No
 EKPC GOLDBUG LD_183 0.1121 13 No
 EKPC MCKEE LD_185 0.1103 10 No
 EKPC CUMB_FLS LD_185 0.1066 16 No
 LGEE WOFFORD LD_186 0.1066 12
 No
 EKPC PARKWAY1 LD_184 0.1048 5 No
 EKPC PARKWAY1 LD_183 0.1048 5 No
 EKPC FOX_HOLL LD_186 0.1048 12 No
 EKPC WGLASGOW LOAD2 0.104 7 No
 EKPC WGLASGOW LOAD1 0.104 2 Yes
 EKPC SANDGAPJ LD_185 0.1035 5 No
 EKPC BECKTON LOAD 0.1033 4 No
 EKPC
 BON_AYR LOAD1 0.1027 4 No
 EKPC GOODNGHT LD_185 0.102 10 No
 EKPC CAVECITY LOAD 0.1008 6 No
 EKPC SEYMOURJ LD_185 0.0999 2 No
 EKPC CAVECITJ LD_185 0.0999 11 No
 EKPC THREELNK LD_185 0.0985 3 No
 TVA E_GLSGW LD1 0.0984 18 No
 LGEE N_LNDN55 LD_185
 0.0982 -42 No
 TVA 5PGDPKY 142_LD 0.097 0 No
 TVA 5PGDPKY 144_LD 0.097 0 No
 LGEE LEBANONT LD_151 0.0966 9 No
 LGEE CAMPGRD LD_181 0.0959 19 No
 EKPC CONWAYJ LD_184 0.0919 5 No
 LGEEFL HORSCV_T LD_183 0.0912 33 No
 LGEE LEBANONS LD_185 0.088
 3 No
 TVA GLSGWKY LD1 0.0863 29 No
 EKPC LEBAN_EK LD_185 0.0861 12 No
 LGEE LEBANON8 LD_185 0.0855 10 No
 EKPC GRNHALL LD_143 0.0854 5 No
 LGEE LEBANOND LD_185 0.0829 3 No
 TVA JELLICO LOAD 0.0826 29 No
 LGEEFL MUNFVLKU LD_185 0.0774 6 No
 LGEE
 PINE_HIT LD_185 0.0752 0 No
 EKPC MUNFVLEK LD_185 0.0731 21 No
 LGEE MT_VERN2 LD_185 0.0682 61 No
 TVA 5BRAYTOW 09MALD 0.0636 21 No
 LGEE BRODHD_S LD_181 0.0608 5 No
 EKPC BONNIEVL LD_189 0.0557 -1 No
 TVA 5TRANSPK 147_LD 0.0542 2 No
 EKPC
 CARPENTE LD_186 0.052 16 No
 LGEE SPRINGFI LD_185 0.0504 9 No
 TVA 5BRSTOKY 143_LD 0.0501 5 No

TVA 5BRSTOKY 5_LD 0.0501 5 No
TVA 5MAGNA 144_LD 0.0501 5 No
TVA LAFAYET XF2 0.0481 -55 No
TVA LAFAYET XF1 0.0481 12 No
TVA S_SCOT LD1 0.0478 33
No
TVA SCOTTSV 5NSCOTTV 0.0477 37 No
TVA ALVATON LD1 0.0474 35 No
TVA NMILLTP LD1 0.0473 45 No
TVA SCOTTSV LD1 0.0473 0 No
TVA GM_KY LD1 0.0472 8 No
TVA E_BOWL LD1 0.0472 109 No
TVA 5ESUMNTP 144_LD 0.0472 19 No
TVA ROYALBLU LOAD 0.0464
2 No
TVA 5WESTMOR 4_LD 0.0463 34 No
TVA HARTSVI 9166_TOP 0.0414 67 No
TVA BOWLGRN LOAD 0.0391 210 No
TVA BOWLGRN SBOWLGR 0.0391 65 No
TVA BOWLGRN T1-2 0.0391 27 No
EKPC UPTONJCT LD_185 0.0384 5 No
TVA 5W_TRSDL 146_LD 0.0382 30 No
TVA
5W_TRSDL 148_LD 0.0382 30 No
LGEE 4MERETVA MEREDITH 0.0377 80 No
EKPC W_BEREA LD_1811 0.0377 25 No
EKPC MILLCRK MCLD 0.0377 0 No
TVA 5N_GALSS 149 0.0353 3 No
TVA 5N_GALSS 1427 0.0353 5 No
TVA 5N_GALSS 1416 0.0353 2 No
TVA PORTLND PORTLAND
0.0352 38 No
TVA PORTLND LOAD 0.0352 36 No
TVA 5GALIPKT 145 LD 0.0352 -8 No
TVA 5GALIPKT 148 LD 0.0352 -8 No
TVA 5BLEDSTN 147_LD 0.0349 0 No
TVA 5BLEDSTN 145_LD 0.0349 0 No
TVA CARYVILL LOAD 0.0346 26 No
EKPC ALCAN_EK LOAD1 0.0341 9 No
EKPC
ALCAN_EK LD_185 0.0341 12 No
TVA 5FOUNTAI 4_LD 0.0337 40 No
TVA JACKSBOR LOAD 0.0336 6 No
TVA DALE_HO LD1 0.0326 0 No
TVA ABERD_T LD1 0.0326 47 No
EKPC PPG2_LD_185 0.0325 28 No
LGEE LEBANONJ LD_144 0.0314 39 No
TVA 5GALSBTP 5GALBSCR 0.031
22 No
TVA GALATNST 1011_LD 0.0309 16 No
TVA 5HOEGANT 5_LD 0.0309 14 No
EKPC BEATTYVD LD_185 0.03 13 No
EKPC OAKDALE2 LD_185 0.03 6 No
LGEE BONVL_LG JONESVIL 0.03 7 No
LGEE BONVL_LG LD_181 0.03 5 No
TVA 5LEB_IPT 5_LD 0.0293 29 No
TVA
5PINERDG 1418 LD 0.0292 9 No
TVA 5PINERDG 1417 LD 0.0292 10 No
TVA 5SLEBIPT 5_LD 0.0277 35 No
TVA LEBANON5 5WATER_T 0.0277 -22 No
TVA CLARKSVL 083Z_LD 0.0277 0 No

TVA LEBANON5 TR1 0.0277 3 No
TVA LEBANON5 LOAD 0.0277 64 No
TVA 5EGALLAT
4_LD 0.0276 4 No
TVA 5RUSV_KY XF_LD 0.0268 32 No
TVA 5RUSV_KY 5NRUSSVK 0.0268 16 No
TVA 5LOGAN_A 0B2K_LD 0.0265 17 No
TVA 5LOGAN_A 0B2J_LD 0.0265 13 No
TVA 5LOGAN_A 0B2I_LD 0.0265 18 No
TVA 5LOGAN_A 0B2L_LD 0.0265 13 No
TVA GALLATI LOAD1
0.0264 5 No
TVA 5SPALLNS 144 LD 0.0264 13 No
TVA 5SPALLNS 145 0.0264 15 No
LGEE BEAR_TR1 LD_185 0.0261 -3 No
EKPC HICKPLNS LD_185 0.0258 8 No
TVA 5GLADV_T 5VESTATP 0.0257 57 No
LGEE LEITCHFI LD_189 0.0251 8 No
LGEE LEITCHFI LD_186 0.0251
9 No
TVA 5LAKEVIE 141_LD 0.0248 49 No
TVA 5LAKEVIE 6_LD 0.0248 69 No
LGEE LEITCHFL LD_185 0.0247 0 No
TVA 5BAXTER T4 0.0246 14 No
TVA GALATNST 1411_LD 0.0246 0 No
TVA GALATNST LOAD3 0.0246 24 No
TVA GALATNST LOAD4 0.0246 99 No
TVA 5CORDELL
CARTHAG 0.0246 24 No
TVA PARADIS GEN2LD 0.0246 6 No
TVA PARADIS GEN1LD 0.0246 6 No
TVA PARADIS SS1 0.0246 3 No
TVA PARADIS TR5-6 0.0246 5 No
TVA PARADIS SS2 0.0246 4 No
TVA 5CROSSPN 4 0.0246 104 No
TVA 5CROSSPN 149 0.0246 104 No
EKPC
N_SPRFLD LD_188 0.0244 12 No
TVA 5CAIRO_B 4_LD 0.0242 29 No
TVA 5ADAIRVL 4_LD 0.0242 5 No
TVA 5ADAIRVL 5_LD 0.0242 2 No
TVA WILSNTVA MARTHA 0.0242 36 No
LGEE LEITCHFE LD_185 0.0242 6 No
TVA 5ORNL 147 LD 0.0242 20 No
TVA 5ORNL 146 LD 0.0242
8 No
TVA 5ORNL 148 LD 0.0242 8 No
TVA 5WGALLTP 5_LD 0.024 15 No
LGEE WARREN_R LD_184 0.0239 0 No
TVA 5STATION 5_LD 0.0238 16 No
TVA 5ESTGATE 4_LD 0.0237 55 No
TVA 5OCANA_T 5_LD 0.0237 17 No
TVA 5NLEBANT 143 0.0237 24 No
TVA 5NLEBANT
4 0.0237 24 No
LGEE MILLWOCK LD_185 0.0235 -1 No
TVA 5HNDRV_T 5_LD 0.0233 22 No
TVA 5SAUNDER 1414_LD 0.0233 26 No
TVA 5SAUNDER 144_LD 0.0233 26 No
TVA 5MT_JUL 1403 0.0233 23 No
TVA 5LASCASS 08GE 0.0232 61 No

TVA 5HERMITA 11 0.0232 50 No
TVA
5HERMITA 13 0.0232 29 No
TVA 5HERMITA 12 0.0232 44 No
TVA BETHVLY BK2 LD 0.0231 -3 No
TVA BETHVLY BK1 LD 0.0231 -3 No
TVA 5HNDVNES 10_LD 0.0231 28 No
TVA 5HNDVNES 4_LD 0.0231 28 No
TVA 5JASONTP 143_LD 0.0229 18 No
TVA SPRINGFD T1 0.0228
92 No

BTM GENERATORS

ZONE STATION NAME DFAX BTM MW BTM DESC

EKPC PINEGRVJ XFR1LD 0.1758 4 Laurel Ridge Landfill Gas to Energy 1-5
LGEE CAMPBV_E LD_186 0.1197 5 Cox Waste to Energy - 01-02
EKPC WGLASGOW LOAD1 0.104 1 Glasgow Landfill
Gas to Energy

Paul Rippy

From: PCLLRW [REDACTED]
Sent: Monday, December 26, 2022 1:38 AM
To: [REDACTED] transoperations
Subject: CANCELED: New Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 08:26:13 a new Post Contingency Local Load Relief Warning issued to control COOP_EK -ELIHU TIE L/O L161.Alcalde-Farley to 305 MVA

Importance: High

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CANCELED BY PJM at 12/26/2022 01:38

New Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 08:26:13, a Post Contingency Local Load Relief Warning to maintain line MVA flow below 305 MVA in the COOP_EK -ELIHU TIE area of EKPC has been issued for Transmission Contingency Control. Additional Comments: Post-contingency Thermal on COOP_EK -ELIHU TIE for the loss of L161.Alcalde-Farley. Post Contingency Switching Solution: NA.

Paul Rippy

From: PCLLRW [REDACTED]
Sent: Friday, December 23, 2022 5:35 AM
To: [REDACTED] transoperations
Subject: New Non-Market Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 05:33:41 a new Post Contingency Local Load Relief Warning issued to control LBRTYJCT 69 KV L/O 161/69.LibertyJct.T189 above 63.5 kV

Importance: High

CAUTION: This email originated from outside of EKPC. Do not click links or open attachments unless you recognize the sender and know the content is safe.

New Non-Market Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 05:33:41 a new Non-Market Post Contingency Local Load Relief Warning to maintain line kV voltage above 63.5 kV in the LBRTYJCT 69 KV area of EKPC has been issued for Transmission Contingency Control. Additional Comments: Post-contingency Low Voltage on LBRTYJCT 69 KV for the loss of 161/69.LibertyJct.T189. Post Contingency Switching Solution: NA.

THE FOLLOWING ARE THE VDFACTS WHICH AFFECT
LBRTYJCT
69 KV
ACTUAL kV = 68.8719 kV CONTINGENCY kV = 58.7302 kV

Paul Rippy

From: PCLLRW [REDACTED]
Sent: Monday, December 26, 2022 1:41 AM
To: [REDACTED] transoperations
Subject: CANCELED: New Non-Market Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 05:33:41 a new Post Contingency Local Load Relief Warning issued to control LBRTYJCT 69 KV L/O 161/69.LibertyJct.T189 above 63.5 kV

Importance: High

CAUTION: This email originated from outside of EKPC. Do not click links or open attachments unless you recognize the sender and know the content is safe.

CANCELED BY PJM at 12/26/2022 01:40

New Non-Market Post Contingency Local Load Relief Warning for EKPC. As of 12-23-2022 05:33:41 a new Non-Market Post Contingency Local Load Relief Warning to maintain line kV voltage above 63.5 kV in the LBRTYJCT 69 KV area of EKPC has been issued for Transmission Contingency Control. Additional Comments: Post-contingency Low Voltage on LBRTYJCT 69 KV for the loss of 161/69.LibertyJct.T189. Post Contingency Switching Solution: Post Contingency switching, open Liberty Jct 69KV 604 and 614 CB..